



Informatica® RulePoint
6.1.2

Developer Guide

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Preface

The RulePoint Developer Guide provides information about the Software Development Kit (SDK) and REST APIs available in RulePoint and how to use them to develop custom applications.

The RulePoint Developer Guide explains how developers can use the custom service API, Java Adapter for REST API, and REST API. It provides examples you can use when you develop your services, adapters, and objects. This guide assumes you have a working knowledge of RulePoint and are familiar with application programming interfaces.

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CHAPTER 1

RulePoint Interfaces

This chapter includes the following topic:

- [RulePoint Interfaces Overview, 10](#)

RulePoint Interfaces Overview

This guide describes the RulePoint interfaces and how you can use them to embed the capabilities of RulePoint into your enterprise application.

You can use the following interfaces to embed RulePoint capabilities in your application:

- Custom Service API
- Java Adapter for REST API
- REST API

Custom Service API

Use the Custom Service API to create custom services.

The Custom Service API provides a set of classes that you can extend to develop pluggable custom services. RulePoint uses the OSGi-based framework to load the custom services in the design-time and run-time environment. The OSGi framework provides you with the flexibility to dynamically load services when the system is running.

When you use the RulePoint SDK to create a custom service that service appears on the user interface of the RulePoint application.

Java Adapter for REST API

The Java Adapter simplifies the task of interacting with the RulePoint REST API.

The Java Adapter for REST API offers a suite of Java objects that model entities which exist within RulePoint, JSON parsers and generators that are compatible with the JSON schema, and a number of API classes to access the RulePoint functionality.

REST API

You can use the REST API to create, retrieve, update, or delete RulePoint resources directly over HTTP. You can also perform deployment tasks, such as deploy, redeploy, reassign, and undeploy RulePoint objects.

The HTTP request methods supported are GET, POST, PUT, and DELETE. The sample rest calls show you how to use the REST API with application/json and application/xml MIME types.

CHAPTER 2

RulePoint Services

This chapter includes the following topics:

- [RulePoint Services Overview, 12](#)
- [Creating a Custom Service, 12](#)

RulePoint Services Overview

RulePoint uses services to connect to internal and external sources and applications to produce and respond to events.

RulePoint services are configurable interfaces that can link to other software systems, such as Instant Messaging, email, RealTime Alert Manager (RTAM), a web page, a database, or a news feed.

RulePoint provides many useful built-in services, such as JMS, email, URL monitoring, and Web Services. However, you can also build your own custom pluggable services.

Pluggable Services in RulePoint

You can use the RulePoint SDK to develop the following pluggable services:

- Source services. Get information from a system.
- Analytic services. Analyze data within a system.
- Responder services. Provide a response through a system.
- Connection services. Connect services to the target database.
- Marshaller services. Enrich events or activations.

Creating a Custom Service

Complete the following tasks to create a custom service:

1. Determine the purpose and actions of the services.
2. Complete the prerequisite tasks before you create a custom service.

3. Create a custom RulePoint service:
 - a. Create an activator class that extends from `com.informatica.cep.sdk.base.BaseActivator`.
 - b. Mark the custom service classes by using the custom annotations.
 - c. Set the annotation attributes.
 - d. Provide implementation for the `com.informatica.cep.sdk.base.BaseActivator.getPackageNames()` method for the custom service to function. Add a custom configurable property.

This method must return a string array that contains the list of packages within the bundle where it looks up the custom service annotations.
 - e. Edit the bundle manifest file and point to the activator class.

If you need to use an internal class from the parent run-time or design-time JVM, you need to specify its package in the property `org.osgi.framework.bootdelegation` in the file `RULEPOINT_HOME/conf/felix.properties`.
4. Copy the custom service jar to the custom folder in the RulePoint installation directory.
5. In the RulePoint user interface, verify if the services are available in the corresponding services page.

Before You Begin

Complete the following prerequisites to build a custom RulePoint service:

- You must have a JDK compiler to build the classes. The jar packaging tool comes with the Java Development Kit (JDK). Ensure that custom services are compatible with JDK 1.7.0_11.
- You must have a basic knowledge of OSGi to write the manifest file.
- You must have installed the `sdk-core.jar`, which contains the interfaces, abstract classes, and annotations.
- Set the `RULEPOINT_HOME` environment variable to the RulePoint 6.1.2 installation location.

Building a Custom Service Jar

When you build a custom service jar, follow these steps to package the contents of the jar file:

1. Create a Java-based package structure for the RulePoint SDK class files that you extend.
2. Place the third-party dependent jars that custom service classes require in the `lib` folder.

The bundle-classpath must point to the third-party jars in the `lib` folder within the bundle.
3. Place the MANIFEST in the META-INF directory.
4. Use the jar utility available in the JDK to package all the contents into a jar file.

Structure of a Custom Jar File

When you build a jar for a specific service, it must have the following structure:

```
org
  company
    ServiceClass
    Activator (extending from BaseActivator)
lib
  third-party1.jar
  third-party2.jar
META-INF
  MANIFEST.MF
```

Place the jars inside a OSGi bundle jar that has a valid manifest. The bundle-classpath must point to the third-party jars in the `lib` directory within the bundle.

Marking the Custom Service Classes

Use the annotations to mark the custom service classes and configurable properties, respectively.

Set the following annotations:

- `com.informatica.cep.sdk.annotations.Service`
- `com.informatica.cep.sdk.annotations.ServiceProperty`

The following table describes the custom annotations:

Annotation	Description
<code>com.informatica.cep.sdk.annotations.Service</code>	Set this annotation for all custom service classes along with the mandatory metadata when you define a service. Set the attributes for this annotation.
<code>com.informatica.cep.sdk.annotations.ServiceProperty</code>	If your service has multiple instance variables, you can either set the variables internally within the service or externally by using inputs provided by the user. All the user-exposed and configurable properties of the service must have public getters and setters. You must apply the <code>@ServiceProperty</code> annotation for the getters and set the attributes for this annotation.

Setting the Annotation Attributes

You must set the attributes of the annotations for the service classes.

`com.informatica.cep.sdk.annotations.Service` annotation

The following table describes the attributes of the Service annotation:

Attribute	Description
<code>name</code>	The unique name of the service. Ensure that this property does not conflict with any other service of this type.
<code>configClassName</code>	The fully qualified class name of the custom service.
<code>displayName</code>	The display name for the service on the UI.
<code>description</code>	Optional. A short description for the service.

Attribute	Description
connectionTypeName	Optional. The unique name of the connection to use for this service. Leave this field blank if this service does not require a connection.
serviceType	The type of service, for example: <ul style="list-style-type: none"> - Source - Responder - Connection - Analytic - Marshaller

@Service Annotation Code

```

/**
 * Annotation used to mark and provide metadata for a service
 *
 *
 */
@Target(value=ElementType.TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface Service {
    // Class Metadata. Used to populate the BeanDescriptor
    String name();
    String configClassName() default "";
    String displayName();
    String description();
    String connectionTypeName() default "";

    // The type of the service: SOURCE/CONNECTION/RESPONDER/ANALYTIC/MARSHALLER
    ServiceType serviceType();
}

```

com.informatica.cep.sdk.annotations.ServiceProperty

The following table describes the attributes of the ServiceProperty annotation:

Attribute	Description
name	Internal name of the property. Ensure that this property does not conflict with any other configurable property within the service.
displayName	The display name for the service on the user interface.
description	Optional. A short description for the property.
propertyEditor	The fully qualified property editor class name to use for this property. For more information on property editors and how to use them in the SDK, refer to "Property Editor Classes" on page 16 .
fieldType	Indicates the type of field. Default is Text.
order	A unique ordinal number for this field for user interface ordering. Ensure that this order number does not conflict with any other configurable field in the service.
hidden	Indicates whether to show this field in the user interface. Default is false.

Attribute	Description
optional	Indicates if this is an optional field. Provide a value for this field if optional is false. Default is true.
overrides	Applies only to responders. Indicates if this field can be overridden in the response or rule. Default is true.
defaultValue	The default value of the property in the string.

Property Editor Classes

The property editor class is a mandatory attribute in @ServiceProperty annotation, and you must provide the property editor class based on the type of field you set in the ServiceProperty annotation.

The editor class defines how the design time must validate the property and how the configured field type displays in the user interface. Use a property editor according to the data type of your configurable property.

The following table lists the supported property editor classes for a specific field type:

Field Type	Property Editor Class
Plain text	com.informatica.cep.shared.beans.propertyeditors.TextEditor
Password text	com.informatica.cep.shared.beans.propertyeditors.PasswordEditor
Multiline text	com.informatica.cep.shared.beans.propertyeditors.MultiLineTextEditor
Natural number	com.informatica.cep.shared.beans.propertyeditors.IntegerEditor
Integer number	com.informatica.cep.shared.beans.propertyeditors.AllIntegerEditor
Long number	com.informatica.cep.shared.beans.propertyeditors.LongEditor
Float number	com.informatica.cep.shared.beans.propertyeditors.FloatEditor

@ServiceProperty Annotation

```

/**
 * Annotation used to mark a configurable service property. This metadata is sent along
 * with the service configuration.
 *
 */
@Target(value={ElementType.FIELD, ElementType.METHOD})
@Retention(RetentionPolicy.RUNTIME)
public @interface ServiceProperty {
    /**
     * Name of the service property
     * @return the name
     */
    String name();
    /**
     * Display name of the service property, used to show in the UI
     * @return the display name
     */
    String displayName();
    /**
     * Description of the service property

```



```

    * @return the description text
    */
    String description() default "";

    /**
     * Associated property editor of the property.
     * @return the property editor
     */
    String propertyEditor();
    /**
     * Field type of the property, defaults to text.
     * @return field type
     */
    String fieldType() default "TEXT";
    /**
     * Returns the order where it needs to be rendered in the UI.
     * @return
     */
    int order();
    /**
     * Returns if the service property is hidden in the UI
     * @return
     */
    boolean hidden() default false;
    /**
     * Returns if the property is optional.
     * @return
     */
    boolean optional() default true;
    /**
     * Returns if the service property will be over-ridden in the response and rule
    authoring.
     * @return the overrides property
     */
    boolean overrides() default true;
    /**
     * Default value of the service property.
     * @return the default value
     */
    String defaultValue() default "";
}

```

CHAPTER 3

Custom Service API

This chapter includes the following topics:

- [Custom Service API Overview, 18](#)
- [Source Services, 18](#)
- [Connection Services, 21](#)
- [Analytic Services, 24](#)
- [Marshaller Services, 26](#)
- [Responder Services, 26](#)

Custom Service API Overview

This chapter describes the RulePoint services and how you use the SDK to create your own custom services for sources, connections, analytics, responders, and marshallers for your enterprise application.

RulePoint uses the OSGi-based framework to load custom services in the design-time and run-time environment. In RulePoint, the design-time and run-time environments have separate instances of the OSGi container for the custom services. Both the containers read from the same directory.

Source Services

Source services connect to external systems to fetch data.

The source services convert the fetched data into events. The events are published on topics. RulePoint includes schedulable and listener source services.

Schedulable Source Services

Schedulable services generate events based on a schedule that you set.

A schedulable service contains a configurable topic that you can schedule to run at specific times, for example, one time every 30 minutes. An example of a schedulable service is an RSS or Atom News Reader Service that extracts events from an RSS news feed every hour.

Creating a Custom Schedulable Source Service

1. Create a service class that extends from the `AbstractPluggableSchedulableSource` abstract class.
2. Mark the service class with the `@Service` annotation. Set the `serviceType` in `@Service` to `ServiceType.SOURCE`.

The following code is an example of a service class that extends the `AbstractPluggableSchedulableSource` class:

```
@Service(name="TemperatureService",
display Name = "Temperature Source",
description = "This is a Sample Source Service",
configClassName = "com.informatica.sdk.samples.sources.SampleListenerSource",
serviceType = ServiceType.SOURCE)
public class TemperatureSourceService extends
    AbstractPluggableSchedulableSource {
```

3. Implement the following lifecycle methods for the schedulable source:
 - To set the instance variables and fetch values from the properties object and configuration logic, implement the `com.informatica.cep.sdk.service.AbstractSource.configure(Properties)` method. You implement this method first to add a custom configuration property to the user interface. The `ServiceController` framework calls this method during deployment. Properties argument to the function carries all the user-provided values for the configurable properties that have a valid `@ServiceProperty` annotation on their getters. The connection attributes merged with the attributes of the source, analytic, or responder into a single Properties object are passed to the `configure()` method during deployment.

The following example illustrates how to set the custom configurable property:

```
private String city;

@ServiceProperty(
    name="city",
    displayName="City",
    description="Enter the name of the city and it will return the City
Temperature",
    propertyEditor="com.informatica.cep.shared.beans.propertyeditors.TextEditor",
    optional=false,
    order=1)
public String getCity() {
    return city;
}

public void setCity(String city) {
    this.city = city;
}
```

When you configure a source, the configured property appears in the user interface.

- To execute the service and use the `MessagePublisher` to publish events in the form of `Map<String, Object>`, implement the `com.informatica.cep.sdk.Schedulable.execute()` method. To publish the message, you must access the `MessagePublisher` by calling the `getPublisher()` method.

The following is an example of the `execute` method implementation:

```
@Override
public Map<String, Object> execute() {
    Map<String, Object> event = new HashMap<String, Object>();
    event.put("temperature", "78");
    event.put("city", city);
    getPublisher().publishMessage(event);
    return null;
}
```

- To free the resources and undeploy the source service, implement the `com.informatica.cep.sdk.Service.destroy()` method. Call this method to undeploy the source. If an analytic uses a custom connection, you cannot destroy or clean up the connection. The destroy method for the connection is a part of connection undeployment.

A new entry is created for the source type. The user interface displays the newly added source and the custom configuration property in the list on the source creation page.

Listener Source Services

Listener services generate events at any time based on particular occurrences, but not on a scheduled basis. The listener source services push data into RulePoint through an external source.

Examples for listener services are JMS Source and Instant Messaging Source. The listener services publish events when they receive a message from the external entity in an asynchronous manner.

Creating a Custom Listener Source Service

1. Create a service class that extends from the `com.informatica.cep.sdk.service.api.AbstractPluggableListenerSource` abstract class.
2. Mark the service class with the `@Service` annotation. Set the `serviceType` in `@Service` to `ServiceType.SOURCE`.

The following code is an example of a source service class that extends the `AbstractPluggableListenerSource` class:

```
@Service(name="sampleListenerSource",
        description = "com.informatica.sdk.samples.sources.SampleListenerSource",
        configClassName = "com.informatica.sdk.samples.sources.SampleListenerSource",
        displayName = "Sample Listener Source",
        serviceType = ServiceType.SOURCE)
public class SampleListenerSource extends AbstractPluggableListenerSource {
```

3. During deployment, pass a `MessageListener` while configuring the listener source.
4. Implement the following methods for the listener source:
 - a. To set the instance variables and fetch values from the properties object and configuration logic, implement the `com.informatica.cep.sdk.service.AbstractSource.configure(Properties)` method. The connection attributes merged with the attributes of the source, analytic, or responder into a single `Properties` object are passed to the `configure()` method during deployment.

The `ServiceController` framework calls this method during deployment. `Properties` argument to the function contains all the user-provided values for the configurable properties that have a valid `@ServiceProperty` annotation on their getters.
 - b. To keep the passed `MessageListener` so that the spawned thread can call it from within, implement the `com.informatica.cep.sdk.Listener.listen(MessageListener)` method. The `ServiceController` framework calls this method after configuration. The thread calls `receive(Map<String, Object>)` with the event map to publish it.
 - c. To perform cleanup activities, implement the `com.informatica.cep.sdk.service.AbstractSource.destroy()` method. The `ServiceController` framework calls this method while undeploying the source. If an analytic uses a custom connection, you cannot destroy or clean up the connection. The destroy method for the connection is a part of connection undeployment.
5. Add a custom configurable property. Set an instance variable externally from the values provided in the user interface by using the `@ServiceProperty` annotation.

Connection Services

You can create pluggable connection services to connect RulePoint services to the target data source.

Examples for connections are JDBC connection and JMS connection.

Creating a Custom Connection Service

1. Extend the service class from the `AbstractPluggableConnection`.
2. Set the `serviceType` attribute `ServiceType.CONNECTION` in the `@Service` annotation.

You can give the name that you give a connection for the `connectionTypeName` attribute in sources, responders, and analytics. If you set this property, it is assumed that the service requires a connection and it will be validated against the provided type of the connection and the instance will be passed through the setter `setConnection()`.

The following code is an example of a connection service class that extends the `AbstractServiceConnection` class:

```
@Service(name="cacheconnection",
    displayName="Cache Connection",
    description="Connects to a Ehcache provider",
    configClassName="com.informatica.sdk.samples.analytics.CacheConnection",
    serviceType=ServiceType.CONNECTION)
public class CacheConnection extends AbstractServiceConnection{
```

The following example illustrates how to link a connection to a source, analytic, or responder by providing the `connectionTypeName`:

```
@Service(name="getanalytic",
    displayName="Get Analytic",
    description="Custom get analytic",
    configClassName="com.informatica.sdk.samples.analytics.GetAnalytic",
    connectionTypeName = "cacheconnection",
    serviceType=ServiceType.ANALYTIC)
public class GetAnalytic extends AbstractPluggableAnalytic {
```

3. Override the following methods for a connection service:
 - To establish a logical connection and store it within the same service instance, implement the `com.informatica.cep.sdk.service.AbstractServiceConnection.allocateConnection()` method. The `ServiceController` framework calls this method after calling all the setters on configurable properties.
 - To return the saved logical connection instance like `jdbcTemplate`, `c3p0` data source, `ehcache-manager` instance, implement the `etc.com.informatica.cep.sdk.service.AbstractServiceConnection.getConnection()` method. This returns a `java.lang.Object`.

The service using this connection must know how to use this and which class to cast it to.

- To provide all the connection cleanup logic, implement the `here.com.informatica.cep.sdk.Service.destroy()` method. The `ServiceController` framework calls this method while undeploying a connection.

Connection Types and Properties

When you want to add a connection for a custom service, you need to specify the `connectionTypeName` in the `@Service` annotation for that service. RulePoint provides predefined connection services that you can configure while creating a custom service.

The following table provides the `connectionTypeName` for the different connection types:

Connection Type	connectionTypeName
Email Connection	emailConnection
Instant Messaging (Jabber/XMPP) Connection	jabberConnection
SQL Connection	jdbcConnection
JMS Connection	jmsConnection
Web Service Connection	wsConnection
Ultra Messaging Connection	umConnection

Property and Description for Email Connection

The following table describes the configuration properties for an email connection:

Property	Description
server	The fully qualified domain name of the SMTP server that is used to send outbound email from RulePoint.
port	The port number to connect to the SMTP server.
username	The SMTP server user name.
password	The password associated with the SMTP server user name.
retryCount	The number of connection retry attempts that RulePoint should make.
retryDelay	The amount of time, in milliseconds, to wait between connection attempts.

Property and Description for Instant Messaging (Jabber/XMPP) Connection

The following table describes the configuration properties for an Instant Messaging (Jabber/XMPP) Connection:

Property	Description
server	The fully-qualified host name or DNS service name of the Jabber or XMPP Server to which this service connects.
port	The port number to connect to the Jabber or XMPP server.
username	The user name used by RulePoint to connect to the Jabber or XMPP server.

Property	Description
password	The password associated with the user name used by RulePoint to connect to the Jabber or XMPP server.
publishPresencePackets	Option to create an event to a specified topic each time an IM user enters, leaves, or changes the status on the IM server.

Property and Description for JMS Connection

The following table describes the configuration properties for an SQL Connection:

Property	Description
location	The location of the naming service and port on which to connect.
userName	The authentication user name.
password	The password for the authentication user name.
contextFactory	The name of the object in the JNDI server that enables the JMS Client to create JMS connections.
packagePrefixes	A colon-delimited list of package prefixes to use when loading URL context factories. These are the package prefixes for the name of the factory class that will create a URL context factory. For values, see the documentation of the JMS provider.
jmsConnectionFactory	The JMS provider specific initial JNDI context factory implementation for connecting to the JNDI service. This value is a fully qualified class name of the Initial Context Factory.

Property and Description for SQL Connection

The following table describes the configuration properties for a JMS Connection:

Property	Description
initialPoolSize	The initial pool size.
acquireIncrement	Number of connections to inquire at once when increasing the pool size.
maxPoolSize	Maximum number of connections to hold in the connection pool.
minPoolSize	Minimum number of connections to hold in the connection pool.
loginTimeout	Log in timeout, in seconds.
driverClass	The name of the JDBC driver class used to establish connections to the specified database.
retryCount	Number of connection retry attempts that RulePoint should make.
retryDelay	The amount of time, in milliseconds, to wait between connection attempts.
jdbcString	The JDBC connection string that you can use to connect to the target database.

Property	Description
username	User name to log in to the target database.
password	Password to log in to the target database.

Property and Description for Web Services Connection

Property	Description
url	The URL of the WSDL file that contains the operations that you want to execute.
loginName	The Web Service user name for Web Service authentication.
password	The password associated with the Web Service user name.
wsdlDuration	The amount of time in seconds that the WSDL is retained in a cache.
userNameSpace	The user name space.
retryCount	The number of connection retry attempts that RulePoint should make.
retryDelay	The amount of time, in milliseconds, to wait between connection attempts.

Property and Description for Ultra Messaging Connection

The following table describes the configuration properties for an Ultra Messaging Connection:

Property	Description
confFile	The LBM configuration file in the UM application.
contextParams	The LBM context parameters in the LBM configuration file.

Analytic Services

Analytics are functions that you can use during rule processing to either evaluate a condition, or to enrich a condition.

When you create an analytic service, configurable analytics appear in the list. Non-configurable analytics appear directly as suggestions during rule authoring.

Creating a Custom Analytic Service

1. Extend the custom analytic class from the `com.informatica.cep.sdk.service.api.AbstractPluggableAnalytic` abstract class.
2. Mark the abstract class with `@Service` annotation with `serviceType` as `ServiceType.ANALYTIC`.

The following code is an example of an analytic class that extends the `AbstractPluggableAnalytic` class:

```
@Service(name="getanalytic",
displayname="Get Analytic",
description="Custom get analytic",
configClassName="com.informatica.sdk.samples.analytics.GetAnalytic",
connectionTypeName="cacheconnection",
serviceType=ServiceType.ANALYTIC)
public class GetAnalytic extends AbstractPluggableAnalytic {
```

3. Implement the following methods to write a custom analytic:

- `com.informatica.cep.sdk.service.AbstractPluggableAnalytic.configure(Properties)`: The `ServiceController` framework calls the configured property-values of the analytic during deployment.
- `com.informatica.sdk.samples.analytics.GetAnalytic.isSystem()`: This method must return whether the analytic is a system analytic. If the method returns true, this analytic is considered as a non-configurable analytic. If the method returns false, the analytic appears in the analytic creation user interface and the user can create instances of it.

```
    Overriding isSystem():
    @Override
    public boolean isSystem() {
        return false;
    }
```

- `com.informatica.cep.sdk.service.AbstractAnalytic.destroy()`: This method must provide cleanup logic only for the analytic. If this analytic uses a custom connection, you cannot destroy or clean up the connection. The destroy method for the connection is a part of connection undeployment.
- `com.informatica.cep.sdk.Analytic.analyze(List<Object>)`: This method provides the actual evaluation logic for the analytic, which optionally uses a connection if needed. The `List<Object>` passed is the list of arguments that the analytic takes. The type of elements in this list depends on how it is being used in the rule. The return value is usually a string or a list of strings if the analytic returns multiple values. It can also be a list of objects. Hence, the return type is left open.
- `com.informatica.cep.sdk.Analytic.isUnary()`: This method returns whether the analytic can be used in a condition. If it returns true, you cannot use the analytic directly in a condition, but you can use it as a Boolean expression.
- `com.informatica.cep.sdk.service.AbstractPluggableAnalytic.isSimple()`: This method returns false for the analytic that crosses engine boundary for evaluation irrespective of the number of events involved. Also, performance intensive analytics return false. The evaluation of this method can be avoided by filtering events in certain conditions. This method returns true if the analytic is simple (evaluated within the engine boundary and not dependent on any external entities).
- `com.informatica.cep.sdk.service.AbstractPluggableAnalytic.getInstrumentationIdentifier()`: This method returns the instrumentation identifier. This identifier is set up by the lookup and identifies the analytic uniquely within a rule.
- `com.informatica.cep.sdk.service.AbstractPluggableAnalytic.setInstrumentationIdentifier()`: This method sets the instrumentation identifier. This identifier is set by the lookup and identifies the analytic uniquely within a rule.
- `com.informatica.cep.sdk.service.AbstractPluggableAnalytic.needsPersisting()`: This method returns whether the service requires its caller to persist it. The analytic returns true if the service needs to be persisted.

Note: This method needs to be implemented in the custom analytic that the user develops.

- `com.informatica.cep.sdk.service.AbstractPluggableAnalytic.setNeedsPersisting()`: This method returns true if the service needs to be persisted.

Note: This method needs to be implemented in the custom analytic that the user develops.

The configured analytic appears in the list in the corresponding page of the user interface.

Marshaller Services

When you attach a marshaller to a source, it enriches events that are published by the source before it reaches the event processor. When you attach a marshaller to a responder, it enriches the activation from the event processor before sending it out to the responder.

Every source needs a separate copy of the marshaller. Marshallers are stateless and do not support the destroy logic.

Creating a Custom Marshaller Service

The marshaller is the only custom service type that is not OSGi compliant. You need to place the jar in the `RULEPOINT_HOME/lib` directory and not the custom directory. As the marshaller is not OSGi compliant, RulePoint does not autodetect the marshaller that you add. You need to restart the run-time if it is running for the RulePoint run-time to detect the marshaller.

1. Extend the service class that extends from the `com.informatica.cep.sdk.base.BaseActivator` abstract class.

The following example shows a service class that extends from the `AbstractPluggableMarshaller` class:

```
/**
 *
 */
public class SampleMarshaller extends AbstractPluggableMarshaller {
```

2. Implement the following methods:

- `com.informatica.cep.sdk.service.AbstractMarshaller.configure(Properties)`: Implement this method to set the required instance variables with the values from the user interface. The `ServiceController` framework calls the `configure` method during deployment of the source with the properties provided in the user interface.
- `com.informatica.cep.sdk.Marshaller.transform(Map<String, Object>)`: Implement this method to use the original event or activation map and add, remove, or modify the properties with the transformation logic and return the transformed event or activation. If the `transform` method throws a `RuntimeException`, the exception is delegated to the `ServiceController` layer. You can view this error on the dashboard.

3. Package the class into the jar and copy it to the `RULEPOINT_HOME/lib` directory.
4. Start the design-time and run-time environment.

The marshaller class name and configured properties appear in the list in the corresponding page of the user interface.

Responder Services

Responder services enable you to define the action to take when a rule triggers.

You can create multiple responses from a single responder service. For example, an email service is a type of responder service that defines the mail server and account used to send an email in response when a rule triggers. You then can create multiple email responses from this service in which you define different recipients and contents of the emails to be sent when a particular rule triggers.

Creating a Custom Responder Service

1. Create a service class that extends from the `AbstractPluggableResponder` class.
2. Mark the service class with the `@Service` annotation. Set the `serviceType` in `@Service` to `ServiceType.RESPONDER`.

The following code is an example of a service class that extends the `AbstractPluggableResponder` class:

```
@Service(name="RecorderResponder",
        displayName = "Recorder Responder",
        configClassName = "com.informatica.sdk.samples.responses.RecorderResponder",
        description = "This responder can be used to record the number of executions
for a chunk size",
        serviceType = ServiceType.RESPONDER)
public class RecorderResponder extends AbstractPluggableResponder implements
ThreadSafe {
```

3. Implement the following methods to write a custom responder:
 - `com.informatica.cep.sdk.service.AbstractResponder.configure(Properties)`: Implement this method first to add a custom configuration property to the user interface. The `ServiceController` framework calls this method during deployment of the responder. `Properties` argument to the function sets the required instance variables with the user-provided values for configurable properties that have a valid `@ServiceProperty` annotation on their getters.
 - `com.informatica.cep.sdk.Responder.respond(Response)`: This method provides the logic for the response. The `Response` object passed includes information about the activation, such as the event data and response parameters. The `respond()` method calls the responder controller whenever it receives an activation.
 - `com.informatica.cep.sdk.service.AbstractResponder.destroy()`: The `ServiceController` framework calls this method while undeploying the responder.

CHAPTER 4

Java Adapter for REST API

This chapter includes the following topics:

- [Java Adapter for REST API Overview, 28](#)
- [Using the Java Adapter for REST API, 28](#)
- [Creating a RulePoint Application, 30](#)
- [Search API, 32](#)

Java Adapter for REST API Overview

The Java Adapter for REST API is a Java software module that simplifies the task of interacting with the RulePoint REST API.

The Java Adapter for REST API offers the following benefits:

- Includes JSON parsers and generators that are compatible with the JSON schema exposed by the RulePoint REST API.
- Includes an entire suite of Java classes that model the entities which exist within RulePoint. Entities include RulePoint objects, project context objects, users and roles, and deployment options, such as deploy, undeploy, and redeploy.
- Includes multiple API classes that provide a simple programmatic interface for accessing RulePoint functionality.
- Provides simple, structured, and localizable error handling.

Using the Java Adapter for REST API

Before you install the RulePoint Java Adapter for REST API, you must complete the prerequisite.

Prerequisite

The RulePoint Java Adapter requires that you have a running instance of RulePoint 6.1.2.

RulePoint Java Adapter Components

Unzip the contents of `RulePoint_Java_Adapter_6.1.2.zip` to your work folder (for example, `C:\api`). This zip file includes the following files:

File and Location	Description
<code>RulePointJavaAdapterJavaDoc.zip</code>	The API reference documentation for the Java Adapter.
<code>bin/config.properties</code>	A sample configuration file for the Java API Adapter.
<code>lib/rulepointAdapter.jar</code>	The RulePoint Java API Adapter classes.
<code>lib/jackson/jackson-core-2.0.2.jar</code>	The Jackson Core streaming parser library required by the RulePoint Java API Adapter.
<code>lib/jackson/jackson-annotations-2.0.2.jar</code>	The Jackson Annotations library for annotation-based configuration required by the RulePoint Java API Adapter.
<code>lib/jackson/jackson-databind-2.0.2.jar</code>	The Jackson databind for data binding and tree model required by the RulePoint Java API Adapter.
<code>lib/commons-codec-1.4.jar</code>	The Apache Commons Codec library required by the RulePoint Java API Adapter.
<code>lib/joda-time-2.1.jar</code>	A library that ensures a quality replacement for the Java date and time classes.
<code>lib/log4j-1.2.16.jar</code>	A logging library for Java that enables logging at runtime without modifying the application binary.
<code>lib/commons-httpclient-3.1.jar</code>	The Apache HttpClient library required by the RulePoint Java API Adapter.
<code>lib/commons-logging-1.1.1.jar</code>	The Apache logging library required by the RulePoint Java API Adapter.
<code>samples/build.properties</code>	The build property file to run a sample demo. You use this file to configure which sample file to run.
<code>samples/build.xml</code>	The ant build script to run the sample.
<code>samples/</code>	The sample files that show you how to use the REST Adapter API. The samples include the following files: <ul style="list-style-type: none">- <code>AdvancedRuleDemo.java</code>- <code>EmailTemplateDemo.java</code>- <code>ListResponsesByFilter.java</code>- <code>DeployRuleDemo.java</code>- <code>ListRulesByFilter.java</code>- <code>PublishEventDemo.java</code>- <code>RtamTemplateDemo.java</code>- <code>RulePointLoginDemo.java</code>- <code>TemplateUpgradeDemo.java</code>

Creating a RulePoint Application

To create your first RulePoint application, you must set the classpath and edit the configuration property file.

Setting the Classpath

When creating the Java project, include the following files in the classpath:

- bin/config.properties
- lib/rulepointAdapter.jar
- lib/jackson/jackson-core-2.0.2.jar
- lib/jackson/jackson-annotations-2.0.2.jar
- lib/jackson/jackson-databind-2.0.2.jar
- lib/commons-codec-1.4.jar
- lib/commons-httpclient-3.1.jar
- lib/commons-logging-1.1.1.jar
- joda-time-2.1.jar
- log4j-1.2.16.jar

Editing the Configuration Property File

Edit the configuration property file **bin/config.properties**.

Ensure that the following element is configured with the correct URL to communicate with RulePoint. Also, ensure that the URL includes a trailing slash '/' character:

```
RulePoint.Base.URL=http://[localhost]:[port]/rulepoint/
```

Running a Sample File

To run a sample, edit the `samples/build.properties` file and uncomment the name of one of the sample classes that you want to run. Then execute `ant run` target to compile and run the uncommented sample.

Sample Code

The following source code demonstrates how to log in to RulePoint, create a rule, list all rules, and then log out.

Note: You must create a response named "RTAM Alert" and a topic named "news" in RulePoint before attempting to execute this code. If you do not create a response, you will receive a `RulePointException` error at run time.

```
import java.util.ArrayList;
import java.util.List;

import com.informatica.cep.wrapper.api.ProjectContext;
import com.informatica.cep.wrapper.api.RulePointAPI;
import com.informatica.cep.wrapper.dao.query.FilterClause;
import com.informatica.cep.wrapper.dao.query.OrderBy;
import com.informatica.cep.wrapper.dao.query.PaginatedQuery;
import com.informatica.cep.wrapper.dao.query.QueryFilter;
import com.informatica.cep.wrapper.error.RulePointException;
import com.informatica.cep.wrapper.vo.AccessControlListVO;
```

```

import com.informatica.cep.wrapper.vo.AccessControlListVOImpl;
import com.informatica.cep.wrapper.vo.AccessControlVO;
import com.informatica.cep.wrapper.vo.AccessControlVOImpl;
import com.informatica.cep.wrapper.vo.Permission;
import com.informatica.cep.wrapper.vo.RuleVO;
import com.informatica.cep.wrapper.vo.RuleVOImpl;

/**
 * A simple application that performs the following steps:
 *
 * 1) Login to RulePoint 2) Create a rule 3) Load a list of rules 4) Logout of
 * RulePoint
 */
public class HelloRulePoint {
    private static String projectName = "Default Project";

    public static void main(String[] args) {
        // Construct a new RulePointAPI that will be initialized with a default
        // configuration that can be overridden by the contents of
        // config.properties.
        RulePointAPI api = new RulePointAPI();
        ProjectContext context = null;
        try {
            // login user=admin, password=admin, locale=en_US
            api.login("Administrator", "Administrator1", "en_US");
            context = api.getProjectContextByName(projectName);
            // build a rule to create in RulePoint
            RuleVO rule = new RuleVOImpl();
            // generate a unique name for the rule
            rule.setName("Hello World rule " + System.currentTimeMillis());
            rule.setDescription("This is the first RulePoint rule that I have "
                + "created using Java");
            // IMPORTANT NOTE: The following rule references the "RTAM Alert" response.
            // Therefore, the RTAM Alert response must exist in RulePoint before we
            attempt to create this rule; otherwise, a RulePointException will be thrown.
            rule.setDrql("when 1 news then \"RTAM Alert\"");

            // This access control grants read permission to the user identified by the
            unique name 'demo'.
            AccessControlVO demoAccess = new AccessControlVOImpl();
            demoAccess.setPermission(Permission.READ);
            demoAccess.setGranted(true);
            demoAccess.setPrincipal("demo");
            // Build the access control list
            AccessControlListVO acl = new AccessControlListVOImpl();
            List<AccessControlVO> list = new ArrayList<AccessControlVO>();
            // list.add(myAccess);
            list.add(demoAccess);
            acl.setEntries(list);
            rule.setACL(acl);
            // Create the rule
            RuleVO savedRule = context.createAdvancedRule(rule);
            // Default ACL will be created for current user. Get the default created ACLs
            AccessControlListVO currentUserACL = savedRule.getACL();
            AccessControlVO accessControlVO = currentUserACL.getEntries().get(0);
            System.out.println("Current User Principal from default ACL
"+accessControlVO.getPrincipal());
            System.out.println("Current User Permission from default ACL
"+accessControlVO.getPermission());
            System.out.println("Rule is Valid ? "+savedRule.isValid());
            System.out.println("Deploy State of the Rule is
"+savedRule.getDeployState());
            System.out.println("Created rule with ID " + savedRule.getId());

            // list up to the first 10 rules, sorted by ascending name.
            int page = 1;
            int pageSize = 10;

            QueryFilter filter = new QueryFilter();
            FilterClause clause = new
FilterClause("name", FilterClause.OPCODE.STARTS_WITH, "Hello");

```

```

        ArrayList<FilterClause> clauses = new ArrayList<FilterClause>();
        clauses.add(clause);
        filter.setClauses(closures);
        // list all users
        PaginatedQuery query = new PaginatedQuery(page,pageSize);
        List<OrderBy> orderBy = new ArrayList<OrderBy>();
        OrderBy oneO = new OrderBy("name", OrderBy.DIRECTION.ASCENDING);
        orderBy.add(oneO);

        System.out.println("Loading rules");
        RuleVO[] allRules =
api.getProjectContextByName(projectName).getRuleList(query, filter, orderBy);
        System.out.println("Loaded " + allRules.length + " rule(s)");
        for (RuleVO r : allRules) {
            System.out.println("id=" + r.getId() + " name=" + r.getName()
                + " description=" + r.getDescription() + " drql="
                + r.getDrql());
        }
    } catch (RulePointException ex) {
        ex.printStackTrace(System.err);
    }
    finally{
        try {
            //destroy project context
            context.destroy();
            // logout RulePoint
            api.logout();
        } catch (RulePointException e) {
            e.printStackTrace(System.err);
        }
    }
}
}
}

```

Search API

You can use the search API to search for objects with a filter clause. The filter clause accepts the name of the property, operator, and one or more values of the property you want to search for. You can also specify the state and validity for each property. Add the additional flags for a property as enumerations in brackets in the same query.

To search for the deployment state in a query, you must can have an IN query and specify the list of all the values you want to search. The three values for the deployment states include DRAFT, NEEDS_DEPLOYMENT, and DEPLOYED.

For example, the following query creates a FilterClause that queries for objects with deployState either DEPLOYED or NEEDS_DEPLOYMENT:

```

FilterClause clause = new FilterClause("deployState", OPCODE.IN, "NEEDS_DEPLOYMENT",
    "DEPLOYED");

```

deployState is the name of the property, OPCODE.IN is the operator, and "NEEDS_DEPLOYMENT", and "DEPLOYED" are values of the property that you want to search.

You can also query date fields, such as lastModifiedDate or createDate. You must specify the date in the following format:

```

yyyy-MM-dd'T'HH:mm:ss.SSSZZ

```

The following list provides the common properties that you can query for all objects, with the enumerations in brackets. Specify the property in exact same case:

- id

- name
- deployState(DRAFT, NEEDS_DEPLOYMENT, DEPLOYED)
- createdBy
- createDate
- artifactType(topics, sources, connections, rules, templates, responders, analytics, watchlists, responses)
- predefined (true/false)
- valid (true/false)
- lastModifiedBy
- lastModifiedDate

Object Specific Fields in a Filter Clause

The following table provides parameters that you can query for a specific object types:

Object	Query Parameters
Rule	drqlStatement multithreaded (true/false) - IN, EQUALS, NOT ruleType (ADVANCED, TEMPLATE, WIZARD)
Analytic	analyticType analyticTypeDisplayName
Connection	connectionType connectionTypeDisplayName
Source	sourceType sourceTypeDisplayName
Responder	responderType responderTypeDisplayName
Response	responseType responseTypeDisplayName multithreaded (true/false)
Template	multithreaded (true/false)
Topic	expiresIn

Filter Clause Example

The following code is an example of a filter clause to query a responder responses:

```
RulePointAPI api = new RulePointAPI();

English. // Login to RulePoint and set the locale of server messages to US
api.login("Administrator", "Administrator1", "en_US");

has to be created //Get the project context for the project in which the artifacts
ProjectVO projectByName = api.getProjectByName("Default Project");

ProjectContext projectContext =
api.getProjectContext(projectByName);

state // build a query to retrieve all responses that are in any draft
QueryFilter filter = new QueryFilter();
FilterClause clause = new FilterClause("deployState",
FilterClause.OPCODE.EQUALS, "DRAFT");
ArrayList<FilterClause> clauses = new ArrayList<FilterClause>();
```

```
        clauses.add(clause);
        filter.setClauses(clauses);

        // execute the query
        ResponseInstanceVO[] responses =
projectContext.getResponseInstanceList(null,filter,null);
        // display the responses
        System.out.println("Found "+responses.length+" draft responses");
```

CHAPTER 5

RulePoint REST API

This chapter includes the following topics:

- [RulePoint REST API Overview, 35](#)
- [Header and Body Configuration, 36](#)
- [Date and Time Values, 40](#)
- [Object IDs, 41](#)
- [REST API Responses, 45](#)
- [Error Object, 45](#)
- [REST API Guidelines, 46](#)

RulePoint REST API Overview

The RulePoint REST API is a Representational State Transfer (REST) API.

The RulePoint REST API allows you to use API calls to perform the following tasks in RulePoint:

- Create, update, retrieve, and delete projects.
- Create, update, retrieve, and delete objects.
- Perform deployment tasks for objects.
- Create, update, retrieve, and delete users.

You can access the REST APIs through the following base URL:

```
http://<localhost>:<port>/rulepoint/api
```

When you use the REST API to configure a request, use the appropriate resource, method, the applicable date and time values, object ID, along with the applicable headers. Use the applicable format for the request header and body component. RulePoint supports XML and JSON formats for passing the attributes. RulePoint performs the requested task and returns the http response, or returns an error object and related messages.

For more information on the request and response format for specific RulePoint resources, see the sample XML and JSON requests and responses.

Header and Body Configuration

A request has a request header and body component. You can use the XML or JSON format to define a request.

Request Header

When you construct a REST API request header, use the following format:

```
<METHOD> <Server URL>/rulepoint/api/<URI>  
Content-Type: application/<json|xml>  
Accept: application/<json|xml>  
Cookie: $Version=1; JSESSIONID=<Valid_session_ID>
```

The following table includes the request components:

Request Component	Required/Optional	Description
METHOD	Required	Method you want to use, such as GET, POST, PUT, or DELETE.
Server URL	Required	Base URL for all resources, which include the hostname and port.
URI	Required for most resources	The resource URI. The format of a resource URI is: <ul style="list-style-type: none">- <projects/project ID>. Use this URI to refer to a project with this project ID.- projects/project ID/<object_type>. Use this URI to refer to objects of the specified object type within a project.- projects/project ID/<object_type>/<object ID>. Use this URI to refer to an object with a specific ID in the object category.

The following table includes the request headers:

Header	Required/Optional	Description
Content-Type	Required for POST requests	Format of the request. Use one of the following options: <ul style="list-style-type: none">- application/json. Reads request as JSON.- application/xml. Reads request as XML. Default is json.
Accept	Optional	Request format that you want. Use one of the following options: <ul style="list-style-type: none">- application/json. Sends response as JSON.- application/xml. Sends response as XML. Default is json.
Cookie	Required	Sets the valid session ID as a cookie while a client makes a REST call to any of the resources of RulePoint. Make the /dtlogin REST call to obtain the session ID. The RulePoint session ID is set as the JSESSIONID cookie.

Request Body

Use the request body to pass additional attributes for the resource. When you pass attributes in a request body, you pass the attributes as part of an object. You can use the JSON or XML formats to pass the attributes.

JSON Format

When you use the JSON format, define a request object with the type attribute, as follows:

```
{
  "name": "<object name>",
  "type": "<object type>",
  "description": "<object description>",
  "config": {
    "<attribute1>": "<value1>", "<attribute2>": "<value2>"
  }
}
```

XML Format

When you use the XML format, define a request object as an enclosing set of tags, as follows:

```
<artifactType>
  <name>[NAME OF THE OBJECT]</name>
  <description>[DESCRIPTION OF THE OBJECT]</description>
  <config>
    <entry>
      <key>[CONFIG ATTRIBUTE NAME]</key>
      <value>[CONFIG ATTRIBUTE VALUE]</value>
    </entry>
    .
    .
    <entry>
      <key>[CONFIG ATTRIBUTE NAME]</key>
      <value>[CONFIG ATTRIBUTE VALUE]</value>
    </entry>
  </config>
</artifactType>
```

Return Lists

When the REST API returns a series of objects in JSON, it encloses the list in square brackets.

```
{
  "total": <total number of items>,
  "count": <items fetched in this call>,
  "items": [
    {
      "id": "<ID of the object>",
      "name": "<name of the object>",
      "self": {
        "rel": "self",
        "href": "URI of the object"
      },
      "actions": [
        {
          "rel": "<action>",
          "href": "<URI for the action>",
          "type": "http method"
        }
      ]
    },
    .
    .
    {
      "description": "object DESCRIPTION"
    }
  ]
}
```

Note: There can be a total of 100 rules but only the first 30 are displayed until the user scrolls down the grid. Count shows how many are in the grid currently.

When the REST API returns a series of objects in XML format, it encloses the list in the "artifacts" tag.

```
<artifacts>
  <links />
  <count>ITEMS FETCHED IN THIS CALL</count>
  <total>TOTAL NUMBER OF ITEMS</total>
  <artifactType>
    <id>ID OF THE ITEM</id>
    <name>NAME OF THE OBJECT</name>
    <self>
      <href>URI of the Object</href>
      <id>ID OF THE OBJECT</id>
      <rel>self</rel>
      <title>NAME OF THE OBJECT</title>
    </self>
    <config>
      <entry>
        <key>eventFilePath</key>
        <value>test.xml</value>
      </entry>
      .
      <entry>
        <key>iterations</key>
        <value>1</value>
      </entry>
    </config>
  </artifactType>
  .
  <artifactType>
    <id>ID OF THE ITEM</id>
    <name>NAME OF THE OBJECT</name>
    <self>
      <href>URI of the Object</href>
      <id>ID OF THE OBJECT</id>
      <rel>self</rel>
      <title>NAME OF THE OBJECT</title>
    </self>
    <config>
      <entry>
        <key>eventFilePath</key>
        <value>test.xml</value>
      </entry>
      .
      <entry>
        <key>iterations</key>
        <value>1</value>
      </entry>
    </config>
  </artifactType>
</artifacts>
```

Note: artifactType might be topic, source, responder, or rule depending on what you want to fetch.

Example

To retrieve the current active session of the user using the JSON format, you might use the following request header and response on wire:

```
GET http://localhost:8080/rulepoint/api/sessionInfo
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

The server returns the following information:

```
{
  "sessionId": "5F0B092410A9CFFC8049F9EA816E40BD",
```

```

"loggedInUserName": "Administrator",
"loggedInUserDisplayName": "Administrator",
"loggedInUserPrivileges": [
  "PRIV_CREATE_CONNECTION",
  "PRIV_CREATE_SOURCE",
  "PRIV_VIEW_RESPONSE",
  "PRIV_VIEW_TEMPLATE",
  "PRIV_CREATE_TEMPLATE",
  "PRIV_SUPER_USER",
  "PRIV_VIEW_WATCHLIST",
  "PRIV_CREATE_PROJECT",
  "PRIV_VIEW_ANALYTIC",
  "PRIV_CREATE_RESPONDER",
  "PRIV_CREATE_RESPONSE",
  "PRIV_CREATE_WATCHLIST",
  "PRIV_VIEW_TOPIC",
  "PRIV_VIEW_SOURCE",
  "PRIV_CREATE_RULE",
  "PRIV_VIEW_CONNECTION",
  "PRIV_VIEW_RESPONDER",
  "PRIV_CREATE_ANALYTIC",
  "PRIV_CREATE_TOPIC",
  "PRIV_VIEW_RULE"
],
"loggedInUser": {
  "rel": "loggedInUser",
  "href": "/api/users/Administrator",
  "type": "GET",
  "title": "Administrator"
},
"self": {
  "rel": "self",
  "href": "/api/sessionInfo",
  "type": "GET"
},
"sessionTimeout": 1800,
"loggedInUserPreference": {
  "userName": "Administrator",
  "userPrefData": "{}",
  "actions": [
    {
      "rel": "update",
      "href": "/api/users/Administrator/userPreference",
      "type": "PUT"
    }
  ]
}
}

```

To retrieve the current active session of the user using the XML format, you might use the following request header and response on wire:

```

GET http://localhost:8080/rulepoint/api/sessionInfo
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

The server returns the following information:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<session-info>
  <loggedInUser>
    <href>/api/users/Administrator</href>
    <rel>loggedInUser</rel>
    <title>Administrator</title>
    <type>GET</type>
  </loggedInUser>
  <loggedInUserDisplayName>Administrator</loggedInUserDisplayName>
  <loggedInUserName>Administrator</loggedInUserName>
  <loggedInUserPreference>
    <actions>

```

```

userPreference</href>
<rel>update</rel>
<type>PUT</type>
</actions>
<userName>Administrator</userName>
<userPrefData>{}</userPrefData>
</loggedInUserPreference>
<loggedInUserPrivileges>PRIV_VIEW_RESPONSE</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_TEMPLATE</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_ANALYTIC</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_SUPER_USER</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_TOPIC</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_RESPONDER</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_ANALYTIC</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_CONNECTION</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_SOURCE</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_WATCHLIST</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_SOURCE</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_WATCHLIST</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_TOPIC</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_RULE</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_RESPONDER</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_PROJECT</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_TEMPLATE</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_RESPONSE</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_VIEW_CONNECTION</loggedInUserPrivileges>
<loggedInUserPrivileges>PRIV_CREATE_RULE</loggedInUserPrivileges>
<self>
<href>/api/sessionInfo</href>
<rel>self</rel>
<type>GET</type>
</self>
<sessionId>6501FDF0D241CF626FB206BC7D3C487D</sessionId>
<sessionTimeout>1800</sessionTimeout>
</session-info>

```

Date and Time Values

With the REST API, RulePoint uses the UTC date format to pass all date and time values.

Use the following UTC date format for all date and time values that you pass in requests. The same format is used for all date and time values returned from RulePoint.

```
<yyyy>-<MM>-<dd>T<HH>:<mm>:<ss>.<SSS>Z
```

Date Part	Description
yyyy	Year expressed in four digits.
MM	Month expressed in two digits.
dd	Date of the month expressed in two digits.
T	Indicates the time portion of the format.
HH	Hour in the 24-hour format. For example, 0 for 12:00:00 a.m. and 23 for 11:00:00 p.m.
mm	Minutes expressed in two digits.

Date Part	Description
ss	Seconds expressed in two digits.
SSS	Microseconds expressed in three digits.
Z	UTC time indicator.

For example, the following date string represents 3:00 PM UTC on August 07, 2013:

```
2013-08-07T15:00:00Z
```

Object IDs

All requests require an object ID. To find the object ID that you need, you can use the related GET request.

For example, to get a specific topic ID, do a GET on /topics, which lists all the topics in the project. Iterate over the list of topics that is returned by the previous rest call to get the ID of the topic by the given name.

```
GET http://localhost:8080/rulepoint/api/projects/1/topics
```

```
Request Headers: Accept: application/json
```

```
Cookie: JSESSIONID=FCE43E371AD49777802233A87654A076
```

```
Response Headers:
```

```
Content-Type: application/json
```

```
Date: Wed, 07 Aug 2013 05:37:18 GMT
```

```
{
  "total": 3,
  "count": 3,
  "items": [
    {
      "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab",
      "name": "sqltopic",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
        "title": "sqltopic",
        "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
          "type": "PUT",
          "title": "Edit"
        }
      ],
      "acl": {
        "rel": "acl",
        "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab/acl",
        "title": "acl"
      },
      "links": {},
      "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
      },
      "type": "topics",
    }
  ]
}
```

```

    "lastModifiedDate": "2013-08-06T16:05:01+05:30",
    "createDate": "2013-07-30T10:08:21+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DEPLOYED",
    "force": false,
    "expiresIn": 600000,
    "responderAccess": "ALL_PROPERTIES",
    "properties": [],
    "rules": [
      {
        "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23",
        "title": "filrule",
        "objectType": "rules",
        "id": "9e212e7e-96e9-43f6-9725-57b3e3da4e23"
      }
    ],
    "sources": [
      {
        "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-
alea801e32a0",
        "title": "invalidsrc",
        "objectType": "sources",
        "id": "daf6350b-99cb-49e7-b69a-alea801e32a0"
      },
      {
        "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-
ee3b98e0e71d",
        "title": "sqlsrc1",
        "objectType": "sources",
        "id": "01eec793-87aa-44fe-a12d-ee3b98e0e71d"
      },
      {
        "href": "api/projects/1/sources/ba80a9f1-
f0a2-4600-986a-40ecc7a1c832",
        "title": "invalidsrc2",
        "objectType": "sources",
        "id": "ba80a9f1-f0a2-4600-986a-40ecc7a1c832"
      }
    ],
    "responders": [],
    "templates": []
  },
  {
    "id": "8ad3c733-5e7e-4908-b449-951edfbb9e2b",
    "name": "rsstopic",
    "valid": true,
    "self": {
      "rel": "self",
      "href": "api/projects/1/topics/8ad3c733-5e7e-4908-b449-951edfbb9e2b",
      "title": "rsstopic",
      "id": "8ad3c733-5e7e-4908-b449-951edfbb9e2b"
    },
    "actions": [
      {
        "rel": "update",
        "href": "api/projects/1/topics/8ad3c733-5e7e-4908-b449-951edfbb9e2b",
        "type": "PUT",
        "title": "Edit"
      },
      {
        "rel": "delete",
        "href": "api/projects/1/topics/8ad3c733-5e7e-4908-b449-951edfbb9e2b",
        "type": "DELETE",
        "title": "Delete"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/1/topics/8ad3c733-5e7e-4908-b449-951edfbb9e2b/acl",

```

```

        "title": "acl"
    },
    "links": {},
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "topics",
    "lastModifiedDate": "2013-08-05T10:15:23+05:30",
    "createDate": "2013-08-05T10:08:44+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "expiresIn": 600000,
    "responderAccess": "ALL_PROPERTIES",
    "properties": [],
    "rules": [],
    "sources": [
        {
            "href": "api/projects/1/sources/d5114508-ddd1-4d9a-
ba2e-2a338325b9ed",
            "title": "rss_src",
            "objectType": "sources",
            "id": "d5114508-ddd1-4d9a-ba2e-2a338325b9ed"
        }
    ],
    "responders": [],
    "templates": []
},
{
    "id": "5d704d59-e1d4-452c-9663-6eb1890ff159",
    "name": "system_markers",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/topics/5d704d59-e1d4-452c-9663-6eb1890ff159",
        "title": "system_markers",
        "id": "5d704d59-e1d4-452c-9663-6eb1890ff159"
    },
    "actions": [],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/topics/5d704d59-e1d4-452c-9663-6eb1890ff159/acl",
        "title": "acl"
    },
    "links": {},
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "topics",
    "lastModifiedDate": "2013-07-30T06:38:20+05:30",
    "createDate": "2013-07-30T06:38:20+05:30",
    "createdBy": "Administrator",
    "predefined": true,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "expiresIn": 36000,
    "responderAccess": "NAMED_PROPERTIES",
    "properties": [
        {
            "name": "begin_time",
            "description": "Time (since epoch in milliseconds) when marker begin
is produced by engine",

```

```

        "status": "ACTIVE",
        "order": 0
    },
    {
        "name": "end time",
        "description": "Time (since epoch in milliseconds) when marker end
is produced by engine",
        "status": "ACTIVE",
        "order": 1
    },
    {
        "name": "engine_name",
        "description": "Name of the engine that produce the marker begin end
events",
        "status": "ACTIVE",
        "order": 2
    },
    {
        "name": "event_count",
        "description": "Value of event count is string form of integer",
        "status": "ACTIVE",
        "order": 3
    },
    {
        "name": "hit_ratio",
        "description": "Ratio of number of events in marker boundary that
participated in activations and EVENTS_COUNT",
        "status": "ACTIVE",
        "order": 4
    },
    {
        "name": "marker_name",
        "description": "marker_name",
        "status": "ACTIVE",
        "order": 5
    },
    {
        "name": "marker_type",
        "description": "value is either begin or end",
        "status": "ACTIVE",
        "order": 6
    },
    {
        "name": "rule_activation_count",
        "description": "Total number of activations in which event within
marker boundary participated",
        "status": "ACTIVE",
        "order": 7
    },
    {
        "name": "rules_processed",
        "description": "Comma separated list of all rules that processed
events received in the marker boundary",
        "status": "ACTIVE",
        "order": 8
    },
    {
        "name": "source_list",
        "description": "Comma separated list of sources that produced marker
events",
        "status": "ACTIVE",
        "order": 9
    },
    {
        "name": "total_processing_time",
        "description": "Total processing time (in milliseconds) of all
events in the marker boundary",
        "status": "ACTIVE",
        "order": 10
    }
}
],

```

```

    "rules": [],
    "sources": [],
    "responders": [],
    "templates": []
  }
]
}

```

REST API Responses

The following table describes the responses to REST API requests:

REST API Request	Successful Response	Failure Response
GET	Returns the requested object, along with the response code 200.	HTTP 400, 403, 404, or 409 error.
POST	Returns the requested object that you created, with a response code 201.	HTTP 400, 403, 404, 409, or 500 error.
PUT	Updates the object and returns the updated object, with http response code 200.	HTTP 400, 403, 404, 409, or 500 error.
DELETE	No response, with an http response code 204.	HTTP 400, 403, 403, 404, 409, or 500 error.

Error Object

When the REST API encounters an error, it returns HTTP 400, 403, 404, 409, or 500 error.

For example, an error object might have the following structure:

```

<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
  xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="errors">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="error">
          <xs:complexType>
            <xs:sequence>
              <xs:element type="xs:string" name="code"/>
              <xs:element type="xs:string" name="description"/>
              <xs:element type="xs:string" name="errorMessage"/>
              <xs:element type="xs:string" name="errorType"/>
              <xs:element type="xs:string" name="messageId"/>
              <xs:element name="params">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element type="xs:string" name="param"
                      maxOccurs="unbounded" minOccurs="0"/>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element type="xs:string" name="stackTrace"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>

```

```
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```

Error Messages

For more information on the error codes and their descriptions, see "Error Codes" in the *RulePoint Administrator Guide*.

REST API Guidelines

Use the following guidelines when working with RulePoint REST APIs:

- Use the JSON format to construct a request.
- Specify the format of the request and response in the header. Use the Content-Type attribute to specify the request format and the Accept attribute to specify the response format.
- Use a placeholder for the JSESSIONID in request headers for all resources. Replace the placeholder with the JSESSIONID data returned when you log in to a session.
- For all resources, use a placeholder for the base URL. Replace the placeholder with the Server URL data returned by the login resource.
- All resources and attributes are case sensitive.
- Use the type attribute to define an object in JSON.

CHAPTER 6

Sample XML and JSON Requests and Responses

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Projects

You can use API calls to perform various operations with projects.

Create Projects

Use the POST method to create a project in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a project:

```
POST http://localhost:8080/rulepoint/api/projects
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "TestProject1",
  "description": "Test Project"
}
```

POST Response in JSON Format

Returns the project object and response code 201 created. Returns the error object if an error occurs.

```
{
  "id": "2",
  "name": "TestProject1",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/2"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/projects/2",
      "type": "PUT"
    },
    {
      "rel": "delete",
      "href": "/api/projects/2",
      "type": "DELETE"
    },
    {
      "rel": "deploy",
      "href": "/api/projects/2/deploy",
      "type": "POST"
    },
    {
      "rel": "undeploy",
      "href": "/api/projects/2/undeploy",
      "type": "POST"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/2/acl",
    "title": "acl"
  },
  "description": "Test Project"
}
```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a project:

```
POST http://localhost:8080/rulepoint/api/projects
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<project>
  <name>TestProject1</name>
  <description>Test Project</description>
</project>
```

POST Response in XML Format

Returns the project object and response code 200 OK. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<project>
  <acl>
    <href>api/projects/144/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>/api/projects/144</href>
      <rel>update</rel>
      <type>PUT</type>
    </action>
    <action>
      <href>/api/projects/144</href>
      <rel>delete</rel>
      <type>DELETE</type>
    </action>
    <action>
      <href>/api/projects/144/deploy</href>
      <rel>deploy</rel>
      <type>POST</type>
    </action>
    <action>
      <href>/api/projects/144/undeploy</href>
      <rel>undeploy</rel>
      <type>POST</type>
    </action>
  </actions>
  <id>144</id>
  <name>TestProject1</name>
  <self>
    <href>api/projects/144</href>
    <rel>self</rel>
  </self>
  <description>Test Project</description>
</project>
```

Response Code : 201 Created

Retrieve Projects

Use the GET method to retrieve a project in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following GET request retrieves a project in a RulePoint application:

```
GET http://localhost:8080/rulepoint/api/projects
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

GET Body in JSON Format

```
{
  "name": "TestProject",
  "description": "Test Project"
}
```

GET Response in JSON Format

Returns the project object and response code 200 OK. Returns the error object if an errors occur.

```
{
  "total": 4,
  "count": 4,
  "items": [
    {
      "id": "3",
      "name": "AT_PROJECT11375183310634",
      "valid": false,
      "self": {
        "rel": "self",
        "href": "api/projects/3"
      },
      "actions": [
        {
          "rel": "update",
          "href": "/api/projects/3",
          "type": "PUT"
        },
        {
          "rel": "delete",
          "href": "/api/projects/3",
          "type": "DELETE"
        },
        {
          "rel": "deploy",
          "href": "/api/projects/3/deploy",
          "type": "POST"
        },
        {
          "rel": "undeploy",
          "href": "/api/projects/3/undeploy",
          "type": "POST"
        }
      ],
      "acl": {
        "rel": "acl",
        "href": "api/projects/3/acl",
        "title": "acl"
      },
      "description": "AT_PROJECT11375183310634"
    },
    {
      "id": "1",
      "name": "Default Project",
      "valid": false,
      "self": {
        "rel": "self",
```

```

        "href": "api/projects/1"
    },
    "actions": [
        {
            "rel": "deploy",
            "href": "/api/projects/1/deploy",
            "type": "POST"
        },
        {
            "rel": "undeploy",
            "href": "/api/projects/1/undeploy",
            "type": "POST"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/acl",
        "title": "acl"
    },
    "description": "Default Rulepoint Project"
},
{
    "id": "5",
    "name": "HA Scenario",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/5"
    },
    "actions": [
        {
            "rel": "update",
            "href": "/api/projects/5",
            "type": "PUT"
        },
        {
            "rel": "delete",
            "href": "/api/projects/5",
            "type": "DELETE"
        },
        {
            "rel": "deploy",
            "href": "/api/projects/5/deploy",
            "type": "POST"
        },
        {
            "rel": "undeploy",
            "href": "/api/projects/5/undeploy",
            "type": "POST"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/5/acl",
        "title": "acl"
    },
    "description": "HA Scenario"
},
{
    "id": "2",
    "name": "ImportProj1375183310634",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/2"
    },
    "actions": [
        {
            "rel": "update",
            "href": "/api/projects/2",

```

```

        "type": "PUT"
      },
      {
        "rel": "delete",
        "href": "/api/projects/2",
        "type": "DELETE"
      },
      {
        "rel": "deploy",
        "href": "/api/projects/2/deploy",
        "type": "POST"
      },
      {
        "rel": "undeploy",
        "href": "/api/projects/2/undeploy",
        "type": "POST"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/2/acl",
      "title": "acl"
    },
    "description": "ImportProj1375183310634"
  }
]
}

```

Response Code : 200 OK

Update Projects

Use the PUT method to update a project in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a project in a RulePoint application:

```

PUThttp: //localhost: 8080/rulepoint/api/projects/2
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALIDSESSIONID>

```

PUT Body in JSON Format

```

{
  "name": "TestProject",
  "description": "Test Project"
}

```

PUT Response in JSON Format

Returns the project object and response code 200 OK. Returns the error object if an error occurs.

```

{
  "id": "2",
  "name": "TestProject",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/2"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/projects/2",
      "type": "PUT"
    }
  ]
}

```

```

    {
      "rel": "delete",
      "href": "/api/projects/2",
      "type": "DELETE"
    },
    {
      "rel": "deploy",
      "href": "/api/projects/2/deploy",
      "type": "POST"
    },
    {
      "rel": "undeploy",
      "href": "/api/projects/2/undeploy",
      "type": "POST"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "/api/projects/2/acl",
    "title": "acl"
  },
  "description": "Test Project"
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a project in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/98315
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<project>
  <name>TestProject</name>
  <description>Test Project</description>
</project>

```

PUT Response in XML Format

Returns the project object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<project>
  <acl>
    <href>api/projects/98315/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>/api/projects/98315</href>
      <rel>update</rel>
      <type>PUT</type>
    </action>
    <action>
      <href>/api/projects/98315</href>
      <rel>delete</rel>
      <type>DELETE</type>
    </action>
    <action>
      <href>/api/projects/98315/deploy</href>
      <rel>deploy</rel>
      <type>POST</type>
    </action>
  </actions>
</project>

```

```

        <href>/api/projects/98315/undeploy</href>
        <rel>undeploy</rel>
        <type>POST</type>
    </action>
</actions>
<id>98315</id>
<links/>
<name>TestProject</name>
<self>
    <href>api/projects/98315</href>
    <rel>self</rel>
</self>
<valid>false</valid>
<description>Test Project</description>
</project>

```

Response Code : 200 OK

Delete Projects

Use the DELETE method to delete a project in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a project:

```

DELETE http://localhost:8080/rulepoint/api/projects/2
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a project:

```

DELETE http://localhost:8080/rulepoint/api/projects/98315
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

Topics

Use the examples to retrieve, create, update, or delete a topic.

Create Topics

Use the POST method to create a topic in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a topic in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/3/topics
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in JSON Format

```
{
  "name": "TestTopic1",
  "description": "Test Topic",
  "expiresIn": 30000,
  "responderAccess": "ALL_PROPERTIES"
}
```

POST Response in JSON Format

Returns the topic object and response code. Returns the error object if an error occurs.

```
{
  "id": "4ee98dba-9043-4c1a-b088-226bf705146f",
  "name": "TestTopic1",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f",
    "title": "TestTopic1",
    "id": "4ee98dba-9043-4c1a-b088-226bf705146f"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f/acl",
    "title": "acl"
  },
  "links": {},
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/3",
    "title": "TestProject1",
    "id": "3"
  },
  "description": "Test Topic",
  "type": "topics",
  "lastModifiedDate": "2013-07-30T06:39:22+05:30",
  "createDate": "2013-07-30T06:39:22+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "expiresIn": 30000,
  "responderAccess": "ALL_PROPERTIES",
  "properties": [],
  "rules": [],
  "responders": [],
  "templates": []
}
```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a topic in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/98315/topics
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<topic>
  <name>SqlTopic1</name>
  <description>Sql Test Topic</description>
  <expiresIn>30000</expiresIn>
  <responderAccess>ALL_PROPERTIES</responderAccess>
</topic>
```

POST Response in XML Format

Returns the topic object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<topic>
  <acl>
    <href>api/projects/98315/topics/09024251-d77c-48d1-ba58-eadfda37cfda/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/98315/topics/09024251-d77c-48d1-ba58-eadfda37cfda</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/98315/topics/09024251-d77c-48d1-ba58-eadfda37cfda</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>09024251-d77c-48d1-ba58-eadfda37cfda</id>
  <name>StockTopic</name>
  <owningProject>
    <href>api/projects/98315</href>
    <id>98315</id>
    <rel>owningProject</rel>
    <title>TestProject1</title>
  </owningProject>
  <self>
    <href>api/projects/98315/topics/09024251-d77c-48d1-ba58-eadfda37cfda</href>
    <id>09024251-d77c-48d1-ba58-eadfda37cfda</id>
    <rel>self</rel>
    <title>StockTopic</title>
  </self>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <description>Sql Test Topic</description>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>topics</type>
  <valid>true</valid>
  <expiresIn>30000</expiresIn>
  <properties/>
  <responderAccess>ALL_PROPERTIES</responderAccess>
```



```

    <responders/>
    <rules/>
    <templates/>
  </topic>

```

Response Code : 201 Created

Retrieve Topics

Use the GET method to retrieve a topic in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following GET request retrieves a topic in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/projects/1/topics
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in JSON Format

```

{
  {
    "total": 1,
    "count": 1,
    "items": [
      {
        "id": "619cca07-4fc1-460a-8b6b-aef2901e8782",
        "name": "system_markers",
        "valid": true,
        "self": {
          "rel": "self",
          "href": "api/projects/1/topics/619cca07-4fc1-460a-8b6b-aef2901e8782",
          "title": "system_markers",
          "id": "619cca07-4fc1-460a-8b6b-aef2901e8782"
        },
        "actions": [
          {
            "rel": "acl",
            "href": "api/projects/1/topics/619cca07-4fc1-460a-8b6b-aef2901e8782/acl",
            "title": "acl"
          }
        ],
        "links": {
          {
            "owningProject": {
              "rel": "owningProject",
              "href": "api/projects/1",
              "title": "Default Project",
              "id": "1"
            }
          }
        },
        "type": "topics",
        "lastModifiedDate": "2013-07-30T16:34:10+05:30",
        "createDate": "2013-07-30T16:34:10+05:30",
        "createdBy": "Administrator",
        "predefined": true,
        "deployable": true,
        "deployState": "DRAFT",
        "force": false,
        "expiresIn": 36000,
        "responderAccess": "NAMED_PROPERTIES",
        "properties": [
          {
            "name": "begin_time",
            "description": "Time (since epoch in milliseconds) when marker

```

```

begin is produced by engine",
    "status": "ACTIVE",
    "order": 0
},
{
    "name": "end_time",
    "description": "Time (since epoch in milliseconds) when marker
end is produced by engine",
    "status": "ACTIVE",
    "order": 1
},
{
    "name": "engine_name",
    "description": "Name of the engine that produce the marker begin
end events",
    "status": "ACTIVE",
    "order": 2
},
{
    "name": "event_count",
    "description": "Value of event count is string form of integer",
    "status": "ACTIVE",
    "order": 3
},
{
    "name": "hit_ratio",
    "description": "Ratio of number of events in marker boundary
that participated in activations and EVENTS_COUNT",
    "status": "ACTIVE",
    "order": 4
},
{
    "name": "marker_name",
    "description": "marker_name",
    "status": "ACTIVE",
    "order": 5
},
{
    "name": "marker_type",
    "description": "value is either begin or end",
    "status": "ACTIVE",
    "order": 6
},
{
    "name": "rule_activation_count",
    "description": "Total number of activations in which event
within marker boundary participated",
    "status": "ACTIVE",
    "order": 7
},
{
    "name": "rules_processed",
    "description": "Comma separated list of all rules that processed
events received in the marker boundary",
    "status": "ACTIVE",
    "order": 8
},
{
    "name": "source_list",
    "description": "Comma separated list of sources that produced
marker events",
    "status": "ACTIVE",
    "order": 9
},
{
    "name": "total_processing_time",
    "description": "Total processing time (in milliseconds) of all
events in the marker boundary",
    "status": "ACTIVE",
    "order": 10
}

```

```

    },
    "rules": [

    ],
    "sources": [

    ],
    "responders": [

    ],
    "templates": [

    ]
  }
]
}

```

Response Code : 200 OK

GET Request in XML Format

Generate a GET request. For example, the following GET request retrieves a topic in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/projects/1/topics
Accept: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in XML Format

Returns the topic object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<artifacts>
  <links/>
  <valid>false</valid>
  <count>1</count>
  <items>
    <topic>
      <acl>
        <href>api/projects/1/topics/619cca07-4fc1-460a-8b6b-aef2901e8782/acl</
href>
        <rel>acl</rel>
        <title>acl</title>
      </acl>
      <id>619cca07-4fc1-460a-8b6b-aef2901e8782</id>
      <links/>
      <name>system_markers</name>
      <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
      </owningProject>
      <self>
        <href>api/projects/1/topics/619cca07-4fc1-460a-8b6b-aef2901e8782</href>
        <id>619cca07-4fc1-460a-8b6b-aef2901e8782</id>
        <rel>self</rel>
        <title>system_markers</title>
      </self>
      <valid>true</valid>
      <createDate/>
      <createdBy>Administrator</createdBy>
      <deployState>DRAFT</deployState>
      <deployable>true</deployable>
      <force>false</force>
      <lastModifiedDate/>
      <predefined>true</predefined>
      <type>topics</type>
      <expiresIn>36000</expiresIn>
      <properties>

```

```

        <description>Time (since epoch in milliseconds) when marker begin is
produced by engine</description>
        <name>begin_time</name>
        <order>0</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Time (since epoch in milliseconds) when marker end is
produced by engine</description>
        <name>end_time</name>
        <order>1</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Name of the engine that produce the marker begin end
events</description>
        <name>engine_name</name>
        <order>2</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Value of event count is string form of integer</description>
        <name>event_count</name>
        <order>3</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Ratio of number of events in marker boundary that
participated in activations and EVENTS_COUNT</description>
        <name>hit_ratio</name>
        <order>4</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>marker_name</description>
        <name>marker_name</name>
        <order>5</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>value is either begin or end</description>
        <name>marker_type</name>
        <order>6</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Total number of activations in which event within marker
boundary participated</description>
        <name>rule_activation_count</name>
        <order>7</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Comma separated list of all rules tchat processed events
received in the marker boundary</description>
        <name>rules_processed</name>
        <order>8</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Comma separated list of sources that produced marker
events</description>
        <name>source_list</name>
        <order>9</order>
        <status>ACTIVE</status>
    </properties>
    <properties>
        <description>Total processing time (in milliseconds) of all events in
the marker boundary</description>
        <name>total_processing_time</name>

```

```

        <order>10</order>
        <status>ACTIVE</status>
      </properties>
      <responderAccess>NAMED_PROPERTIES</responderAccess>
    </topic>
  </items>
  <total>1</total>
  <invalidCount>0</invalidCount>
</artifacts>

```

Response Code : 200 OK

Update Topics

Use the PUT method to update a topic in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a topic in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/3/topics/4ee98dba-9043-4c1a-
b088-226bf705146f
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "StockTopic",
  "description": "Test Topic",
  "expiresIn": 30000,
  "responderAccess": "ALL_PROPERTIES"
}

```

PUT Response in JSON Format

Returns the topic object and response code. Returns the error object if an error occurs.

```

{
  "id": "4ee98dba-9043-4c1a-b088-226bf705146f",
  "name": "StockTopic",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f",
    "title": "StockTopic",
    "id": "4ee98dba-9043-4c1a-b088-226bf705146f"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/3/topics/4ee98dba-9043-4c1a-b088-226bf705146f/acl",
    "title": "acl"
  }
}

```

```

"links": {},
"owningProject": {
  "rel": "owningProject",
  "href": "api/projects/3",
  "title": "TestProject1",
  "id": "3"
},
"description": "Test Topic",
"type": "topics",
"lastModifiedDate": "2013-07-30T06:39:22+05:30",
"createDate": "2013-07-30T06:39:22+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"expiresIn": 30000,
"responderAccess": "ALL_PROPERTIES",
"properties": [],
"rules": [],
"responders": [],
"templates": []
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a topic in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/98315/topics/4a4d8f29-be34-49eb-af22-a8cd7fdda085
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<topic>
  <name>StockTopic</name>
  <description>Sql Test Topic</description>
  <expiresIn>30000</expiresIn>
  <responderAccess>ALL_PROPERTIES</responderAccess>
</topic>

```

PUT Response in XML Format

Returns the topic object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<topic>
  <acl>
    <href>api/projects/98315/topics/4a4d8f29-be34-49eb-af22-a8cd7fdda085/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/98315/topics/4a4d8f29-be34-49eb-af22-a8cd7fdda085</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/98315/topics/4a4d8f29-be34-49eb-af22-a8cd7fdda085</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>

```

```

<id>4a4d8f29-be34-49eb-af22-a8cd7fdda085</id>
<links/>
<name>StockTopic</name>
<owningProject>
  <href>api/projects/98315</href>
  <id>98315</id>
  <rel>owningProject</rel>
  <title>RT_TestProject1</title>
</owningProject>
<self>
  <href>api/projects/98315/topics/4a4d8f29-be34-49eb-af22-a8cd7fdda085</href>
  <id>4a4d8f29-be34-49eb-af22-a8cd7fdda085</id>
  <rel>self</rel>
  <title>StockTopic</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<description>Sql Test Topic</description>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>topics</type>
<expiresIn>0</expiresIn>
<responderAccess>ALL_PROPERTIES</responderAccess>
</topic>

```

Response Code : 200 OK

Delete Topics

Use the DELETE method to delete a topic in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a topic in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/3/topics/4ee98dba-9043-4c1a-
b088-226bf705146f
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a topic in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/98315/topics/4a4d8f29-be34-49eb-
af22-a8cd7fdda085
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

Connections

You can use API calls to perform various operations with SQL, email, JMS, and web service connections.

SQL Connection

Use the examples to retrieve, create, update, or delete an SQL connection.

Create SQL Connection

Use the POST method to create an SQL connection in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an SQL connection in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/4/connections
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "SqlConnection1",
  "type": "connections",
  "description": "A SQL Connection",
  "connectionType": "jdbcConnection",
  "config": {
    "driverClass": "oracle.jdbc.OracleDriver",
    "jdbcString": "jdbc:oracle:thin:@invr28cep46:1521:ORCL",
    "username": "cep_ci_user",
    "password": "cep_ci_secret",
    "initialPoolSize": "5",
    "acquireIncrement": "1",
    "maxPoolSize": "10",
    "minPoolSize": "2",
    "loginTimeout": "5000",
    "retryCount": "3",
    "retryDelay": "1000",
    "maxIdleTime": "36000",
    "acquireRetryAttempts": "0",
    "acquireRetryDelay": "5000",
    "checkoutTimeout": "2000"
  }
}
```

POST Response in JSON Format

Returns the SQL connection object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "id": "1d559d37-2c6e-48c0-8623-c571339c1e99",
  "name": "SqlConnection1",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
    "title": "SqlConnection1",
    "id": "1d559d37-2c6e-48c0-8623-c571339c1e99"
  },
  "actions": [
    {

```



```

        "rel": "update",
        "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
        "type": "PUT",
        "title": "Edit"
    },
    {
        "rel": "delete",
        "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
        "type": "DELETE",
        "title": "Delete"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/4",
    "title": "RT_TestProject1",
    "id": "4"
},
"description": "A SQL Connection",
"type": "connections",
"lastModifiedDate": "2013-07-30T06:39:49+05:30",
"createDate": "2013-07-30T06:39:49+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"connectionType": "jdbcConnection",
"connectionTypeDisplayName": "SQL Connection",
"config": {
    "acquireRetryAttempts": "0",
    "acquireRetryDelay": "5000",
    "jdbcString": "jdbc:oracle:thin:@invr28cep46:1521:ORCL",
    "maxIdleTime": "36000",
    "acquireIncrement": "1",
    "checkoutTimeout": "2000",
    "password": "cep_ci_secret",
    "username": "cep_ci_user",
    "maxPoolSize": "10",
    "retryCount": "3",
    "retryDelay": "1000",
    "minPoolSize": "2",
    "driverClass": "oracle.jdbc.OracleDriver",
    "initialPoolSize": "5",
    "loginTimeOut": "5000"
}
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an SQL connection in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/98315/connections
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <name>SqlConnection1</name>
  <type>connections</type>

```

```

<description>A SQL Connection</description>
<connectionType>jdbcConnection</connectionType>
<config>
  <entry>
    <key>driverClass</key>
    <value>oracle.jdbc.OracleDriver</value>
  </entry>
  <entry>
    <key>jdbcString</key>
    <value>jdbc:oracle:thin:@invr28cep46:1521:ORCL</value>
  </entry>
  <entry>
    <key>username</key>
    <value>cep_ci_user</value>
  </entry>
  <entry>
    <key>password</key>
    <value>cep_ci_secret</value>
  </entry>
  <entry>
    <key>acquireIncrement</key>
    <value>1</value>
  </entry>
  <entry>
    <key>acquireRetryAttempts</key>
    <value>0</value>
  </entry>
  <entry>
    <key>acquireRetryDelay</key>
    <value>5000</value>
  </entry>
  <entry>
    <key>checkoutTimeout</key>
    <value>2000</value>
  </entry>
  <entry>
    <key>initialPoolSize</key>
    <value>5</value>
  </entry>
  <entry>
    <key>loginTimeout</key>
    <value>5000</value>
  </entry>
  <entry>
    <key>maxIdleTime</key>
    <value>36000</value>
  </entry>
  <entry>
    <key>maxPoolSize</key>
    <value>10</value>
  </entry>
  <entry>
    <key>minPoolSize</key>
    <value>2</value>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>1000</value>
  </entry>
</config>
</connection>

```

POST Response in XML Format

Returns the SQL connection object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <acl>
    <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe/acl</
href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe</
href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe</
href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>1e5d5c0e-11ec-4c90-a5d9-25991b38befe</id>
  <links/>
  <name>SqlConnection1</name>
  <owningProject>
    <href>api/projects/98315</href>
    <id>98315</id>
    <rel>owningProject</rel>
    <title>RT_TestProject1</title>
  </owningProject>
  <self>
    <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe</href>
    <id>1e5d5c0e-11ec-4c90-a5d9-25991b38befe</id>
    <rel>self</rel>
    <title>SqlConnection1</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <description>A SQL Connection</description>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>connections</type>
  <config>
    <entry>
      <key>acquireRetryAttempts</key>
      <value>0</value>
    </entry>
    <entry>
      <key>acquireRetryDelay</key>
      <value>5000</value>
    </entry>
    <entry>
      <key>jdbcString</key>
      <value>jdbc:oracle:thin:@invr28cep46:1521:ORCL</value>
    </entry>
    <entry>
      <key>maxIdleTime</key>
      <value>36000</value>
    </entry>
  </config>

```

```

    <entry>
      <key>acquireIncrement</key>
      <value>1</value>
    </entry>
    <entry>
      <key>checkoutTimeout</key>
      <value>2000</value>
    </entry>
    <entry>
      <key>password</key>
      <value>cep_ci_secret</value>
    </entry>
    <entry>
      <key>username</key>
      <value>cep_ci_user</value>
    </entry>
    <entry>
      <key>maxPoolSize</key>
      <value>10</value>
    </entry>
    <entry>
      <key>retryCount</key>
      <value>3</value>
    </entry>
    <entry>
      <key>retryDelay</key>
      <value>1000</value>
    </entry>
    <entry>
      <key>minPoolSize</key>
      <value>2</value>
    </entry>
    <entry>
      <key>driverClass</key>
      <value>oracle.jdbc.OracleDriver</value>
    </entry>
    <entry>
      <key>initialPoolSize</key>
      <value>5</value>
    </entry>
    <entry>
      <key>loginTimeOut</key>
      <value>3</value>
    </entry>
  </config>
  <connectionType>jdbcConnection</connectionType>
  <connectionTypeDisplayName>SQL Connection</connectionTypeDisplayName>
</connection>

```

Response Code : 201 Created

Retrieve SQL Connection

Use the GET method to retrieve an SQL connection in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following GET request retrieves an SQL connection in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in JSON Format

```

{
  "total": 4,

```

```

"count": 4,
"items": [
  {
    "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49",
    "name": "sqlconnection",
    "valid": true,
    "self": {
      "rel": "self",
      "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49",
      "title": "sqlconnection",
      "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
    },
    "actions": [
      {
        "rel": "update",
        "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49",
        "type": "PUT",
        "title": "Edit"
      },
      {
        "rel": "delete",
        "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49",
        "type": "DELETE",
        "title": "Delete"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49/acl",
      "title": "acl"
    },
    "owningProject": {
      "rel": "owningProject",
      "href": "api/projects/1",
      "title": "Default Project",
      "id": "1"
    },
    "type": "connections",
    "lastModifiedDate": "2013-08-19T11:21:03+05:30",
    "createDate": "2013-07-30T10:09:20+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "connectionType": "jdbcConnection",
    "connectionTypeDisplayName": "SQL Connection",
    "config": {
      "acquireRetryAttempts": "0",
      "acquireRetryDelay": "5000",
      "jdbcString": "jdbc:oracle:thin:@invr28cep46:1521:orcl",
      "maxIdleTime": "36000",
      "acquireIncrement": "1",
      "checkoutTimeout": "2000",
      "password": "cep_ci_secret",
      "username": "cep_ci_user",
      "maxPoolSize": "5",
      "retryCount": "3",
      "retryDelay": "1000",
      "minPoolSize": "1",
      "driverClass": "oracle.MyDriver",
      "initialPoolSize": "1",
      "loginTimeout": "3"
    },
    "sources": [
      {

```

```

        "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-
alea801e32a0",
        "title": "invalidsrc",
        "objectType": "sources",
        "id": "daf6350b-99cb-49e7-b69a-alea801e32a0"
    },
    {
        "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-
ee3b98e0e71d",
        "title": "sqlsrc1",
        "objectType": "sources",
        "id": "01eec793-87aa-44fe-a12d-ee3b98e0e71d"
    }
],
"responders": [
    {
        "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-
f36a7bcd151",
        "title": "sqlresponder",
        "objectType": "responders",
        "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151"
    }
]
},
{
    "id": "03e9c236-1a01-40e2-9d4a-f13c893abef7",
    "name": "wsconn",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7",
        "title": "wsconn",
        "id": "03e9c236-1a01-40e2-9d4a-f13c893abef7"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7",
            "type": "DELETE",
            "title": "Delete"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "connections",
    "lastModifiedDate": "2013-08-19T11:21:03+05:30",
    "createDate": "2013-08-19T09:22:55+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",

```

```

    "force": false,
    "connectionType": "wsConnection",
    "connectionTypeDisplayName": "Web Service Connection",
    "config": {
      "userNameSpace": "",
      "retryCount": "3",
      "retryDelay": "1000",
      "password": null,
      "wsdlDuration": "0",
      "url": "http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl",
      "loginName": ""
    },
    "sources": [
      {
        "href": "api/projects/1/sources/09c059f8-f304-41dd-8e1b-fa5a538a74c4",
        "title": "wssrc",
        "objectType": "sources",
        "id": "09c059f8-f304-41dd-8e1b-fa5a538a74c4"
      }
    ],
    "analytics": [
      {
        "href": "api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156",
        "title": "wsanalytic",
        "objectType": "analytics",
        "id": "42d49371-55ee-45b4-bfff-46f35de9e156"
      }
    ],
    "responders": [
      {
        "href": "api/projects/1/responders/08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c",
        "title": "wsresponder",
        "objectType": "responders",
        "id": "08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c"
      }
    ]
  },
  {
    "id": "b53a6fc3-a885-4da9-b30e-a40e96208ee9",
    "name": "invalidsqlconn",
    "valid": true,
    "self": {
      "rel": "self",
      "href": "api/projects/1/connections/b53a6fc3-a885-4da9-b30e-a40e96208ee9",
      "title": "invalidsqlconn",
      "id": "b53a6fc3-a885-4da9-b30e-a40e96208ee9"
    },
    "actions": [
      {
        "rel": "update",
        "href": "api/projects/1/connections/b53a6fc3-a885-4da9-b30e-a40e96208ee9",
        "type": "PUT",
        "title": "Edit"
      },
      {
        "rel": "delete",
        "href": "api/projects/1/connections/b53a6fc3-a885-4da9-b30e-a40e96208ee9",
        "type": "DELETE",
        "title": "Delete"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/1/connections/b53a6fc3-a885-4da9-b30e-

```

```

a40e96208ee9/acl",
  "title": "acl"
},
"owningProject": {
  "rel": "owningProject",
  "href": "api/projects/1",
  "title": "Default Project",
  "id": "1"
},
"type": "connections",
"lastModifiedDate": "2013-08-13T10:38:12+05:30",
"createDate": "2013-08-06T16:04:07+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"connectionType": "jdbcConnection",
"connectionTypeDisplayName": "SQL Connection",
"config": {
  "acquireRetryAttempts": "0",
  "acquireRetryDelay": "5000",
  "jdbcString": "jdbc:oracle:thin:@invr28cep46:1521:orcl",
  "maxIdleTime": "36000",
  "acquireIncrement": "1",
  "checkoutTimeout": "2000",
  "password": "cep_ci_secret",
  "username": "cep_ci_user",
  "maxPoolSize": "5",
  "retryCount": "3",
  "retryDelay": "1000",
  "minPoolSize": "1",
  "driverClass": "oracledriver",
  "initialPoolSize": "1",
  "loginTimeout": "3"
},
"sources": [
  {
    "href": "api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7alc832",
    "title": "invalidsrc2",
    "objectType": "sources",
    "id": "ba80a9f1-f0a2-4600-986a-40ecc7alc832"
  }
],
{
  "id": "bba20936-201a-4d3c-afad-33c76fb9366b",
  "name": "emailcon",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
    "title": "emailcon",
    "id": "bba20936-201a-4d3c-afad-33c76fb9366b"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
      "type": "DELETE",

```



```

        "title": "Delete"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b/acl",
      "title": "acl"
    },
    "owningProject": {
      "rel": "owningProject",
      "href": "api/projects/1",
      "title": "Default Project",
      "id": "1"
    },
    "type": "connections",
    "lastModifiedDate": "2013-08-07T17:49:28+05:30",
    "createDate": "2013-08-07T17:49:28+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "connectionType": "emailConnection",
    "connectionTypeDisplayName": "Email Connection",
    "config": {
      "port": "25",
      "username": "",
      "retryCount": "3",
      "retryDelay": "1000",
      "server": "ma",
      "password": null
    },
    "responders": [
      {
        "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-fe94af5ddea3",
        "title": "emailresponder",
        "objectType": "responders",
        "id": "51ba1457-5112-4e70-99f1-fe94af5ddea3"
      }
    ]
  }
}

```

Response Code : 200 OK

GET Request in XML Format

Generate a GET request. For example, the following GET request retrieves an SQL connection in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in XML Format

Returns the SQL connection object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<artifacts>
  <links/>
  <valid>false</valid>
  <count>4</count>
  <items>
    <connection>
      <acl>
        <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49/
acl</href>

```

```

        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
    <links/>
    <name>sqlconnection</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</
href>
        <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
        <rel>self</rel>
        <title>sqlconnection</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>connections</type>
    <config>
        <entry>
            <key>acquireRetryAttempts</key>
            <value>0</value>
        </entry>
        <entry>
            <key>acquireRetryDelay</key>
            <value>5000</value>
        </entry>
        <entry>
            <key>jdbcString</key>
            <value>jdbc:oracle:thin:@invr28cep46:1521:orcl</value>
        </entry>
        <entry>
            <key>maxIdleTime</key>
            <value>36000</value>
        </entry>
        <entry>
            <key>acquireIncrement</key>
            <value>1</value>
        </entry>
        <entry>
            <key>checkoutTimeout</key>
            <value>2000</value>
        </entry>
    </config>

```

```

        <key>password</key>
        <value>cep_ci_secret</value>
    </entry>
    <entry>
        <key>username</key>
        <value>cep_ci_user</value>
    </entry>
    <entry>
        <key>maxPoolSize</key>
        <value>5</value>
    </entry>
    <entry>
        <key>retryCount</key>
        <value>3</value>
    </entry>
    <entry>
        <key>retryDelay</key>
        <value>1000</value>
    </entry>
    <entry>
        <key>minPoolSize</key>
        <value>1</value>
    </entry>
    <entry>
        <key>driverClass</key>
        <value>oracle.MyDriver</value>
    </entry>
    <entry>
        <key>initialPoolSize</key>
        <value>1</value>
    </entry>
    <entry>
        <key>loginTimeOut</key>
        <value>3</value>
    </entry>
</config>
<connectionType>jdbcConnection</connectionType>
<connectionTypeDisplayName>SQL Connection</connectionTypeDisplayName>
<responders>
    <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151</
href>
    <id>8bd61211-404b-4cd4-8a84-f36a7bcd151</id>
    <objectType>responders</objectType>
    <title>sqlresponder</title>
</responders>
<sources>
    <href>api/projects/1/sources/daf6350b-99cb-49e7-b69a-a1ea801e32a0</href>
    <id>daf6350b-99cb-49e7-b69a-a1ea801e32a0</id>
    <objectType>sources</objectType>
    <title>invalidsrc</title>
</sources>
<sources>
    <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d</href>
    <id>01eec793-87aa-44fe-a12d-ee3b98e0e71d</id>
    <objectType>sources</objectType>
    <title>sqlsrc1</title>
</sources>
</connection>
<connection>
    <acl>
        <href>api/projects/1/connections/03e9c236-1a01-40e2-9d4a-f13c893abef7/
acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7</href>
            <rel>update</rel>

```

```

        <title>Edit</title>
        <type>PUT</type>
    </action>
    <action>
        <href>api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7</href>
        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
    </action>
</actions>
<id>03e9c236-1a01-40e2-9d4a-f13c893abef7</id>
<links/>
<name>wsconn</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/connections/03e9c236-1a01-40e2-9d4a-f13c893abef7</
href>
    <id>03e9c236-1a01-40e2-9d4a-f13c893abef7</id>
    <rel>self</rel>
    <title>wsconn</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>connections</type>
<analytics>
    <href>api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156</
href>
    <id>42d49371-55ee-45b4-bfff-46f35de9e156</id>
    <objectType>analytics</objectType>
    <title>wsanalytic</title>
</analytics>
<config>
    <entry>
        <key>userNameSpace</key>
        <value/>
    </entry>
    <entry>
        <key>retryCount</key>
        <value>3</value>
    </entry>
    <entry>
        <key>retryDelay</key>
        <value>1000</value>
    </entry>
    <entry>
        <key>password</key>
    </entry>
    <entry>
        <key>wsdlDuration</key>
        <value>0</value>
    </entry>
    <entry>
        <key>url</key>
        <value>http://invr28cep46:8080/CepQeWebServices/HelloWorldService?
wsdl</value>
    </entry>
    <entry>
        <key>loginName</key>

```

```

        <value/>
    </entry>
</config>
<connectionType>wsConnection</connectionType>
<connectionTypeDisplayName>Web Service Connection</connectionTypeDisplayName>
<responders>
    <href>api/projects/1/responders/08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c</
href>
        <id>08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c</id>
        <objectType>responders</objectType>
        <title>wsresponder</title>
    </responders>
    <sources>
        <href>api/projects/1/sources/09c059f8-f304-41dd-8e1b-fa5a538a74c4</href>
        <id>09c059f8-f304-41dd-8e1b-fa5a538a74c4</id>
        <objectType>sources</objectType>
        <title>wssrc</title>
    </sources>
</connection>
<connection>
    <acl>
        <href>api/projects/1/connections/b53a6fc3-a885-4da9-b30e-a40e96208ee9/
acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/connections/b53a6fc3-a885-4da9-b30e-
a40e96208ee9</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/connections/b53a6fc3-a885-4da9-b30e-
a40e96208ee9</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>b53a6fc3-a885-4da9-b30e-a40e96208ee9</id>
    <links/>
    <name>invalidsqlconn</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/connections/b53a6fc3-a885-4da9-b30e-a40e96208ee9</
href>
        <id>b53a6fc3-a885-4da9-b30e-a40e96208ee9</id>
        <rel>self</rel>
        <title>invalidsqlconn</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>connections</type>
</config>
    <entry>
        <key>acquireRetryAttempts</key>

```

```

        <value>0</value>
    </entry>
    <entry>
        <key>acquireRetryDelay</key>
        <value>5000</value>
    </entry>
    <entry>
        <key>jdbcString</key>
        <value>jdbc:oracle:thin:@invr28cep46:1521:orcl</value>
    </entry>
    <entry>
        <key>maxIdleTime</key>
        <value>36000</value>
    </entry>
    <entry>
        <key>acquireIncrement</key>
        <value>1</value>
    </entry>
    <entry>
        <key>checkoutTimeout</key>
        <value>2000</value>
    </entry>
    <entry>
        <key>password</key>
        <value>cep_ci_secret</value>
    </entry>
    <entry>
        <key>username</key>
        <value>cep_ci_user</value>
    </entry>
    <entry>
        <key>maxPoolSize</key>
        <value>5</value>
    </entry>
    <entry>
        <key>retryCount</key>
        <value>3</value>
    </entry>
    <entry>
        <key>retryDelay</key>
        <value>1000</value>
    </entry>
    <entry>
        <key>minPoolSize</key>
        <value>1</value>
    </entry>
    <entry>
        <key>driverClass</key>
        <value>oracledriver</value>
    </entry>
    <entry>
        <key>initialPoolSize</key>
        <value>1</value>
    </entry>
    <entry>
        <key>loginTimeOut</key>
        <value>3</value>
    </entry>
</config>
<connectionType>jdbcConnection</connectionType>
<connectionTypeDisplayName>SQL Connection</connectionTypeDisplayName>
<sources>
    <href>api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7a1c832</href>
    <id>ba80a9f1-f0a2-4600-986a-40ecc7a1c832</id>
    <objectType>sources</objectType>
    <title>invalidsrc2</title>
</sources>
</connection>
<connection>
    <acl>

```

```

        <href>api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b/
acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/connections/bba20936-201a-4d3c-
afad-33c76fb9366b</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/connections/bba20936-201a-4d3c-
afad-33c76fb9366b</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>bba20936-201a-4d3c-afad-33c76fb9366b</id>
    <links/>
    <name>emailcon</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b</
href>
        <id>bba20936-201a-4d3c-afad-33c76fb9366b</id>
        <rel>self</rel>
        <title>emailcon</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>connections</type>
    <config>
        <entry>
            <key>port</key>
            <value>25</value>
        </entry>
        <entry>
            <key>username</key>
            <value/>
        </entry>
        <entry>
            <key>retryCount</key>
            <value>3</value>
        </entry>
        <entry>
            <key>retryDelay</key>
            <value>1000</value>
        </entry>
        <entry>
            <key>server</key>
            <value>ma</value>
        </entry>
        <entry>
            <key>password</key>
            <value/>
        </entry>
    </config>

```

```

        </config>
        <connectionType>emailConnection</connectionType>
        <connectionTypeDisplayName>Email Connection</connectionTypeDisplayName>
        <responders>
            <href>api/projects/1/responders/51ba1457-5112-4e70-99f1-fe94af5ddea3</
href>
                <id>51ba1457-5112-4e70-99f1-fe94af5ddea3</id>
                <objectType>responders</objectType>
                <title>emailresponder</title>
            </responders>
        </connection>
    </items>
    <total>4</total>
    <invalidCount>0</invalidCount>
</artifacts>

```

Response Code : 200 OK

Update SQL Connection

Use the PUT method to update an SQL connection in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an SQL connection in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/3/connections/1d559d37-2c6e-48c0-8623-
c571339cle99
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

Returns the SQL connection object and response code 200 OK. Returns the error object if an error occurs.

```

{
    "name": "DBConnection",
    "type": "connections",
    "description": "A SQL Connection",
    "connectionType": "jdbcConnection",
    "config": {
        "driverClass": "oracle.jdbc.OracleDriver",
        "jdbcString": "jdbc:oracle:thin:@invr28cep46:1521:ORCL",
        "username": "cep_ci_user",
        "password": "cep_ci_secret",
        "initialPoolSize": "5",
        "acquireIncrement": "1",
        "maxPoolSize": "10",
        "minPoolSize": "2",
        "loginTimeout": "5000",
        "retryCount": "3",
        "retryDelay": "1000",
        "maxIdleTime": "36000",
        "acquireRetryAttempts": "0",
        "acquireRetryDelay": "5000",
        "checkoutTimeout": "2000"
    }
}

```

PUT Response in JSON Format

```

{
    "id": "1d559d37-2c6e-48c0-8623-c571339cle99",
    "name": "DBConnection",
    "valid": true,
    "self": {

```



```

        "rel": "self",
        "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
        "title": "DBConnection",
        "id": "1d559d37-2c6e-48c0-8623-c571339c1e99"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
            "type": "DELETE",
            "title": "Delete"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/4",
        "title": "RT_TestProject1",
        "id": "4"
    },
    "description": "A SQL Connection",
    "type": "connections",
    "lastModifiedDate": "2013-07-30T06:39:49+05:30",
    "createDate": "2013-07-30T06:39:49+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "connectionType": "jdbcConnection",
    "connectionTypeDisplayName": "SQL Connection",
    "config": {
        "acquireRetryAttempts": "0",
        "acquireRetryDelay": "5000",
        "jdbcString": "jdbc:oracle:thin:@invr28cep46:1521:ORCL",
        "maxIdleTime": "36000",
        "acquireIncrement": "1",
        "checkoutTimeout": "2000",
        "password": "cep_ci_secret",
        "username": "cep_ci_user",
        "maxPoolSize": "10",
        "retryCount": "3",
        "retryDelay": "1000",
        "minPoolSize": "2",
        "driverClass": "oracle.jdbc.OracleDriver",
        "initialPoolSize": "5",
        "loginTimeOut": "5000"
    }
}

```

Response Code : 200 OK

PUT Body in XML Format

Generate a PUT request. For example, the following PUT request updates an SQL connection in a RulePoint application:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
    <name>DBConnection</name>

```

```

<type>connections</type>
<description>A SQL Connection</description>
<connectionType>jdbcConnection</connectionType>
<config>
  <entry>
    <key>driverClass</key>
    <value>oracle.jdbc.OracleDriver</value>
  </entry>
  <entry>
    <key>jdbcString</key>
    <value>jdbc:oracle:thin:@invr28cep46:1521:ORCL</value>
  </entry>
  <entry>
    <key>username</key>
    <value>cep_ci_user</value>
  </entry>
  <entry>
    <key>password</key>
    <value>cep_ci_secret</value>
  </entry>
  <entry>
    <key>acquireIncrement</key>
    <value>1</value>
  </entry>
  <entry>
    <key>acquireRetryAttempts</key>
    <value>0</value>
  </entry>
  <entry>
    <key>acquireRetryDelay</key>
    <value>5000</value>
  </entry>
  <entry>
    <key>checkoutTimeout</key>
    <value>2000</value>
  </entry>
  <entry>
    <key>initialPoolSize</key>
    <value>5</value>
  </entry>
  <entry>
    <key>loginTimeout</key>
    <value>5000</value>
  </entry>
  <entry>
    <key>maxIdleTime</key>
    <value>36000</value>
  </entry>
  <entry>
    <key>maxPoolSize</key>
    <value>10</value>
  </entry>
  <entry>
    <key>minPoolSize</key>
    <value>2</value>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>1000</value>
  </entry>
</config>
</connection>

```

PUT Response in XML Format

Returns the SQL connection object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <acl>
    <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe/acl</
href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe</
href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe</
href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>1e5d5c0e-11ec-4c90-a5d9-25991b38befe</id>
  <links/>
  <name>DBConnection</name>
  <owningProject>
    <href>api/projects/98315</href>
    <id>98315</id>
    <rel>owningProject</rel>
    <title>RT_TestProject1</title>
  </owningProject>
  <self>
    <href>api/projects/98315/connections/1e5d5c0e-11ec-4c90-a5d9-25991b38befe</href>
    <id>1e5d5c0e-11ec-4c90-a5d9-25991b38befe</id>
    <rel>self</rel>
    <title>DBConnection</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <description>A SQL Connection</description>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>connections</type>
  <config>
    <entry>
      <key>acquireRetryAttempts</key>
      <value>0</value>
    </entry>
    <entry>
      <key>acquireRetryDelay</key>
      <value>5000</value>
    </entry>
    <entry>
      <key>jdbcString</key>
      <value>jdbc:oracle:thin:@invr28cep46:1521:ORCL</value>
    </entry>
    <entry>
      <key>maxIdleTime</key>
      <value>36000</value>
    </entry>
  </config>

```

```

    <entry>
      <key>acquireIncrement</key>
      <value>1</value>
    </entry>
    <entry>
      <key>checkoutTimeout</key>
      <value>2000</value>
    </entry>
    <entry>
      <key>password</key>
      <value>cep_ci_secret</value>
    </entry>
    <entry>
      <key>username</key>
      <value>cep_ci_user</value>
    </entry>
    <entry>
      <key>maxPoolSize</key>
      <value>10</value>
    </entry>
    <entry>
      <key>retryCount</key>
      <value>3</value>
    </entry>
    <entry>
      <key>retryDelay</key>
      <value>1000</value>
    </entry>
    <entry>
      <key>minPoolSize</key>
      <value>2</value>
    </entry>
    <entry>
      <key>driverClass</key>
      <value>oracle.jdbc.OracleDriver</value>
    </entry>
    <entry>
      <key>initialPoolSize</key>
      <value>5</value>
    </entry>
    <entry>
      <key>loginTimeOut</key>
      <value>3</value>
    </entry>
  </config>
  <connectionType>jdbcConnection</connectionType>
  <connectionTypeDisplayName>SQL Connection</connectionTypeDisplayName>
</connection>

```

Response Code : 200 OK

Delete SQL Connection

Use the DELETE method to delete an SQL connection in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an SQL connection in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/3/connections/
1d559d37-2c6e-48c0-8623-c571339c1e99
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an SQL connection in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/98315/connections/
1e5d5c0e-11ec-4c90-a5d9-25991b38befe
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No Content

Email Connection

Use the examples to create, update, or delete an email connection.

Create Email Connection

Use the POST method to create an email connection in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an email connection in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "emailcon",
  "connectionType": "emailConnection",
  "valid": true,
  "config": {
    "port": "25",
    "username": null,
    "retryCount": "3",
    "retryDelay": "1000",
    "server": "mail.informatica.com",
    "password": null
  }
}
```

POST Response in JSON Format

Returns the email connection object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "id": "bba20936-201a-4d3c-afad-33c76fb9366b",
  "name": "emailcon",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
    "title": "emailcon",
    "id": "bba20936-201a-4d3c-afad-33c76fb9366b"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",

```

```

        "type": "PUT",
        "title": "Edit"
    },
    {
        "rel": "delete",
        "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
        "type": "DELETE",
        "title": "Delete"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "connections",
"lastModifiedDate": "2013-09-11T17:44:42+05:30",
"createDate": "2013-08-07T17:49:28+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"connectionType": "emailConnection",
"connectionTypeDisplayName": "Email Connection",
"config": {
    "port": "25",
    "username": "",
    "retryCount": "3",
    "retryDelay": "1000",
    "server": "mail.mycompany.com",
    "password": null
},
"responders": [
    {
        "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-fe94af5ddea3",
        "title": "emailresponder",
        "objectType": "responders",
        "id": "51ba1457-5112-4e70-99f1-fe94af5ddea3"
    }
]
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an email connection in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <name>EmailConnection1</name>
  <description>An Email Connection</description>
  <type>connections</type>
  <config>
    <entry>
      <key>port</key>

```

```

        <value>25</value>
      </entry>
      <entry>
        <key>username</key>
        <value/>
      </entry>
      <entry>
        <key>retryCount</key>
        <value>3</value>
      </entry>
      <entry>
        <key>retryDelay</key>
        <value>5000</value>
      </entry>
      <entry>
        <key>server</key>
        <value>mail.informatica.com</value>
      </entry>
    </config>
    <connectionType>emailConnection</connectionType>
  </connection>

```

POST Response in XML Format

Returns the email connection object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <acl>
    <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>446f972d-d3ea-4d77-98f8-84816ed4abcb</id>
  <links/>
  <name>EmailConnection1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
    <id>446f972d-d3ea-4d77-98f8-84816ed4abcb</id>
    <rel>self</rel>
    <title>EmailConnection1</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <description>An Email Connection</description>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>

```

```

<type>connections</type>
<config>
  <entry>
    <key>port</key>
    <value>25</value>
  </entry>
  <entry>
    <key>username</key>
    <value/>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>5000</value>
  </entry>
  <entry>
    <key>server</key>
    <value>mail.informatica.com</value>
  </entry>
</config>
<connectionType>emailConnection</connectionType>
<connectionTypeDisplayName>Email Connection</connectionTypeDisplayName>
</connection>

```

Response Code : 201 Created

Update Email Connection

Use the PUT method to update an email connection in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an email connection in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "emailconnection",
  "connectionType": "emailConnection",
  "valid": true,
  "config": {
    "port": "25",
    "username": null,
    "retryCount": "3",
    "retryDelay": "1000",
    "server": "mail.mycompany.com",
    "password": null
  }
}

```

PUT Response in JSON Format

Returns the email connection object and response code 200 OK. Returns the error object if an error occurs.

```

{
  "id": "bba20936-201a-4d3c-afad-33c76fb9366b",
  "name": "emailconnection",
  "valid": true,

```



```

"self": {
  "rel": "self",
  "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
  "title": "emailconnection",
  "id": "bba20936-201a-4d3c-afad-33c76fb9366b"
},
"actions": [
  {
    "rel": "update",
    "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
    "type": "PUT",
    "title": "Edit"
  },
  {
    "rel": "delete",
    "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
    "type": "DELETE",
    "title": "Delete"
  }
],
"acl": {
  "rel": "acl",
  "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b/acl",
  "title": "acl"
},
"owningProject": {
  "rel": "owningProject",
  "href": "api/projects/1",
  "title": "Default Project",
  "id": "1"
},
"type": "connections",
"lastModifiedDate": "2013-09-11T17:44:42+05:30",
"createDate": "2013-08-07T17:49:28+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"connectionType": "emailConnection",
"connectionTypeDisplayName": "Email Connection",
"config": {
  "port": "25",
  "username": "",
  "retryCount": "3",
  "retryDelay": "1000",
  "server": "mail.informatica.com",
  "password": null
},
"responders": [
  {
    "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-fe94af5ddea3",
    "title": "emailresponder",
    "objectType": "responders",
    "id": "51ba1457-5112-4e70-99f1-fe94af5ddea3"
  }
]
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an email connection in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/connections/894b2948-
ce82-4e0a-9302-267d3482ae25
Accept: application/xml

```

Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <name>MyEmailConnection</name>
  <description>An Email Connection</description>
  <type>connections</type>
  <config>
    <entry>
      <key>port</key>
      <value>25</value>
    </entry>
    <entry>
      <key>username</key>
      <value/>
    </entry>
    <entry>
      <key>retryCount</key>
      <value>3</value>
    </entry>
    <entry>
      <key>retryDelay</key>
      <value>5000</value>
    </entry>
    <entry>
      <key>server</key>
      <value>mail.informatica.com</value>
    </entry>
  </config>
  <connectionType>emailConnection</connectionType>
</connection>
```

PUT Response in XML Format

Returns the email connection object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <acl>
    <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>446f972d-d3ea-4d77-98f8-84816ed4abcb</id>
  <links/>
  <name>MyEmailConnection</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
    <id>446f972d-d3ea-4d77-98f8-84816ed4abcb</id>
```

```

        <rel>self</rel>
        <title>MyEmailConnection</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <description>An Email Connection</description>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>connections</type>
    <config>
        <entry>
            <key>port</key>
            <value>25</value>
        </entry>
        <entry>
            <key>username</key>
            <value/>
        </entry>
        <entry>
            <key>retryCount</key>
            <value>3</value>
        </entry>
        <entry>
            <key>retryDelay</key>
            <value>5000</value>
        </entry>
        <entry>
            <key>server</key>
            <value>mail.informatica.com</value>
        </entry>
    </config>
    <connectionType>emailConnection</connectionType>
    <connectionTypeDisplayName>Email Connection</connectionTypeDisplayName>
</connection>

```

Response Code : 200 OK

Delete Email Connection

Use the DELETE method to delete an email connection in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an email connection in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an email connection in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

JMS Connection

Use the examples to create, update, or delete a JMS connection.

Create JMS Connection

Use the POST method to create a JMS connection in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a JMS connection in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "jmsconnection",
  "type": "connections",
  "connectionType": "jmsConnection",
  "config": {
    "packagePrefixes": "",
    "jmsConnectionFactory": "ConnectionFactory",
    "location": "tcp://invr28cep46:61616",
    "contextFactory": "org.apache.activemq.jndi.ActiveMQInitialContextFactory",
    "userName": "",
    "password": null
  }
}
```

POST Response in JSON Format

Returns the JMS connection object and response code 201 OK. Returns the error object if an errors occur.

```
{
  "id": "894b2948-ce82-4e0a-9302-267d3482ae25",
  "name": "jmsconnection",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
```

```

        "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "connections",
    "lastModifiedDate": "2013-08-23T15:17:58+05:30",
    "createDate": "2013-08-23T15:17:58+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "connectionType": "jmsConnection",
    "connectionTypeDisplayName": "JMS Connection",
    "config": {
        "packagePrefixes": "",
        "jmsConnectionFactory": "ConnectionFactory",
        "location": "tcp://invr28cep46:61616",
        "contextFactory": "org.apache.activemq.jndi.ActiveMQInitialContextFactory",
        "userName": "",
        "password": null
    }
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a JMS connection in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <name>jmsconnection</name>
  <type>connections</type>
  <config>
    <entry>
      <key>packagePrefixes</key>
      <value/>
    </entry>
    <entry>
      <key>jmsConnectionFactory</key>
      <value>ConnectionFactory</value>
    </entry>
    <entry>
      <key>location</key>
      <value>tcp://invr28cep46:61616</value>
    </entry>
    <entry>
      <key>contextFactory</key>
      <value>org.apache.activemq.jndi.ActiveMQInitialContextFactory</value>
    </entry>
    <entry>
      <key>userName</key>
      <value/>
    </entry>
    <entry>
      <key>password</key>
      <value/>
    </entry>
  </config>
</connection>

```

```

    </config>
    <connectionType>jmsConnection</connectionType>
  </connection>

```

POST Response in XML Format

Returns the JMS connection object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <acl>
    <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
  <links/>
  <name>jmsconnection</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
    <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
    <rel>self</rel>
    <title>jmsconnection</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>connections</type>
  <config>
    <entry>
      <key>packagePrefixes</key>
      <value/>
    </entry>
    <entry>
      <key>jmsConnectionFactory</key>
      <value>ConnectionFactory</value>
    </entry>
    <entry>
      <key>location</key>
      <value>tcp://invr28cep46:61616</value>
    </entry>
    <entry>
      <key>contextFactory</key>
      <value>org.apache.activemq.jndi.ActiveMQInitialContextFactory</value>
    </entry>
  </config>

```

```

        <key>userName</key>
        <value/>
    </entry>
    <entry>
        <key>password</key>
    </entry>
</config>
<connectionType>jmsConnection</connectionType>
<connectionTypeDisplayName>JMS Connection</connectionTypeDisplayName>
</connection>

```

Response Code : 201 Created

Update JMS Connection

Use the PUT method to update a JMS connection in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a JMS connection in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/connections/894b2948-
ce82-4e0a-9302-267d3482ae25
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "ActiveMQConnection",
  "type": "connections",
  "connectionType": "jmsConnection",
  "config": {
    "packagePrefixes": "",
    "jmsConnectionFactory": "ConnectionFactory",
    "location": "tcp://invr28cep46:61616",
    "contextFactory": "org.apache.activemq.jndi.ActiveMQInitialContextFactory",
    "userName": "",
    "password": null
  }
}

```

PUT Response in JSON Format

Returns the JMS connection object and response code 200 OK. Returns the error object if an errors occur.

```

{
  "id": "894b2948-ce82-4e0a-9302-267d3482ae25",
  "name": "ActiveMQConnection",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "ActiveMQConnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",

```

```

        "type": "DELETE",
        "title": "Delete"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "connections",
"lastModifiedDate": "2013-08-23T15:17:58+05:30",
"createDate": "2013-08-23T15:17:58+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"connectionType": "jmsConnection",
"connectionTypeDisplayName": "JMS Connection",
"config": {
    "packagePrefixes": "",
    "jmsConnectionFactory": "ConnectionFactory",
    "location": "tcp://invr28cep46:61616",
    "contextFactory": "org.apache.activemq.jndi.ActiveMQInitialContextFactory",
    "userName": "",
    "password": null
}
}
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a JMS connection in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/connections/894b2948-
ce82-4e0a-9302-267d3482ae25
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <name>ActiveMQConnection</name>
  <type>connections</type>
  <config>
    <entry>
      <key>packagePrefixes</key>
      <value/>
    </entry>
    <entry>
      <key>jmsConnectionFactory</key>
      <value>ConnectionFactory</value>
    </entry>
    <entry>
      <key>location</key>
      <value>tcp://invr28cep46:61616</value>
    </entry>
    <entry>
      <key>contextFactory</key>
      <value>org.apache.activemq.jndi.ActiveMQInitialContextFactory</value>
    </entry>
  </config>
</connection>

```



```

        <entry>
            <key>userName</key>
            <value/>
        </entry>
        <entry>
            <key>password</key>
            <value/>
        </entry>
    </config>
    <connectionType>jmsConnection</connectionType>
</connection>

```

PUT Response in XML Format

Returns the JMS connection object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
    <acl>
        <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
    <links/>
    <name>ActiveMQConnection</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
        <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
        <rel>self</rel>
        <title>ActiveMQConnection</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>connections</type>
    <config>
        <entry>
            <key>packagePrefixes</key>
            <value/>
        </entry>
        <entry>
            <key>jmsConnectionFactory</key>
            <value>ConnectionFactory</value>
        </entry>
        <entry>
            <key>location</key>

```

```

        <value>tcp://invr28cep46:61616</value>
    </entry>
    <entry>
        <key>contextFactory</key>
        <value>org.apache.activemq.jndi.ActiveMQInitialContextFactory</value>
    </entry>
    <entry>
        <key>userName</key>
        <value/>
    </entry>
    <entry>
        <key>password</key>
        <value/>
    </entry>
</config>
<connectionType>jmsConnection</connectionType>
<connectionTypeDisplayName>JMS Connection</connectionTypeDisplayName>
</connection>

```

Response Code : 200 OK

Delete JMS Connection

Use the DELETE method to delete a JMS connection in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS connection in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/connections/894b2948-
ce82-4e0a-9302-267d3482ae25
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS connection in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/connections/894b2948-
ce82-4e0a-9302-267d3482ae25
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

Web Service Connection

Use the examples to create, update, or delete a web service connection.

Create Web Service Connection

Use the POST method to create a web service connection in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a web service connection in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "WsConnection1",
  "description": "A WebService Connection",
  "connectionType": "wsConnection",
  "valid": true,
  "config": {
    "userNameSpace": null,
    "retryCount": "3",
    "retryDelay": "1000",
    "wsdlDuration": "60000",
    "url": "http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl",
    "loginName": null,
    "password": null
  }
}
```

POST Response in JSON Format

Returns the web service connection object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
  "name": "WsConnection1",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "title": "WsConnection1",
    "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
```

```

        "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "description": "A WebService Connection",
    "type": "connections",
    "lastModifiedDate": "2013-09-13T16:37:29+05:30",
    "createDate": "2013-09-13T16:10:38+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "connectionType": "wsConnection",
    "connectionTypeDisplayName": "Web Service Connection",
    "config": {
        "userNameSpace": "",
        "retryCount": "3",
        "retryDelay": "1000",
        "password": null,
        "wsdlDuration": "60000",
        "url": "http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl",
        "loginName": ""
    }
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a web service connection in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/connections
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <name>WsConnection1</name>
  <type>connections</type>
  <config>
    <entry>
      <key>userNameSpace</key>
      <value/>
    </entry>
    <entry>
      <key>retryCount</key>
      <value>3</value>
    </entry>
    <entry>
      <key>retryDelay</key>
      <value>1000</value>
    </entry>
    <entry>
      <key>password</key>
    </entry>
    <entry>
      <key>wsdlDuration</key>
      <value>60000</value>
    </entry>
    <entry>
      <key>url</key>

```

```

        <value>http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl</
value>
    </entry>
    <entry>
        <key>loginName</key>
        <value/>
    </entry>
</config>
<connectionType>wsConnection</connectionType>
</connection>

```

POST Response in XML Format

Returns the web service connection object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
    <acl>
        <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
    <links/>
    <name>WsConnection1</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
        <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
        <rel>self</rel>
        <title>WsConnection1</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <description>A WebService Connection</description>
    <force>false</force>
    <predefined>false</predefined>
    <type>connections</type>
    <config>
        <entry>
            <key>userNameSpace</key>
            <value/>
        </entry>
        <entry>
            <key>retryCount</key>
            <value>3</value>
        </entry>
        <entry>
            <key>retryDelay</key>

```

```

        <value>1000</value>
      </entry>
    <entry>
      <key>password</key>
    </entry>
    <entry>
      <key>wsdlDuration</key>
      <value>60000</value>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl</
value>
    </entry>
    <entry>
      <key>loginName</key>
      <value/>
    </entry>
  </config>
<connectionType>wsConnection</connectionType>
</connection>

```

Response Code : 201 Created

Update Web Service Connection

Use the PUT method to update a web service connection in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a web service connection in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/connections/e9bcc9ae-8e78-4b2c-
a3f4-48352e817052
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

Returns the web service connection object and response code 200 OK. Returns the error object if an error occurs.

```

{
  "name": "MyWebServiceConn",
  "description": "A WebService Connection",
  "connectionType": "wsConnection",
  "valid": true,
  "config": {
    "userNameSpace": null,
    "retryCount": "3",
    "retryDelay": "1000",
    "wsdlDuration": "60000",
    "url": "http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl",
    "loginName": null,
    "password": null
  }
}

```

PUT Response in JSON Format

Returns the web service connection object and response code. Returns the error object if an error occurs.

```

{
  "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
  "name": "MyWebServiceConn",
  "valid": true,

```

```

"self": {
  "rel": "self",
  "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
  "title": "MyWebServiceConn",
  "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
},
"actions": [
  {
    "rel": "update",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "type": "PUT",
    "title": "Edit"
  },
  {
    "rel": "delete",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "type": "DELETE",
    "title": "Delete"
  }
],
"acl": {
  "rel": "acl",
  "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052/acl",
  "title": "acl"
},
"owningProject": {
  "rel": "owningProject",
  "href": "api/projects/1",
  "title": "Default Project",
  "id": "1"
},
"description": "A WebService Connection",
"type": "connections",
"lastModifiedDate": "2013-09-13T16:37:29+05:30",
"createDate": "2013-09-13T16:10:38+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"connectionType": "wsConnection",
"connectionTypeDisplayName": "Web Service Connection",
"config": {
  "userNameSpace": "",
  "retryCount": "3",
  "retryDelay": "1000",
  "password": null,
  "wsdlDuration": "60000",
  "url": "http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl",
  "loginName": ""
}
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a web service connection in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <name>MyWebServiceConn</name>

```

```

<type>connections</type>
<config>
  <entry>
    <key>userNameSpace</key>
    <value/>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>1000</value>
  </entry>
  <entry>
    <key>password</key>
  </entry>
  <entry>
    <key>wsdlDuration</key>
    <value>60000</value>
  </entry>
  <entry>
    <key>url</key>
    <value>http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl</
value>
  </entry>
  <entry>
    <key>loginName</key>
    <value/>
  </entry>
</config>
<connectionType>wsConnection</connectionType>
</connection>

```

PUT Response in XML Format

Returns the web service connection object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<connection>
  <acl>
    <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
  <links/>
  <name>MyWebServiceConn</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
    <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
  </self>

```



```

        <rel>self</rel>
        <title>MyWebServiceConn</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <description>A WebService Connection</description>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>connections</type>
    <config>
        <entry>
            <key>userNameSpace</key>
            <value/>
        </entry>
        <entry>
            <key>retryCount</key>
            <value>3</value>
        </entry>
        <entry>
            <key>retryDelay</key>
            <value>1000</value>
        </entry>
        <entry>
            <key>password</key>
        </entry>
        <entry>
            <key>wsdlDuration</key>
            <value>60000</value>
        </entry>
        <entry>
            <key>url</key>
            <value>http://invr28cep46:8080/CepQeWebServices/HelloWorldService?wsdl</
value>
        </entry>
        <entry>
            <key>loginName</key>
            <value/>
        </entry>
    </config>
    <connectionType>wsConnection</connectionType>
</connection>

```

Response Code : 200 OK

Delete Web Service Connection

Use the DELETE method to delete a web service connection in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a web service connection in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/connections/e9bcc9ae-8e78-4b2c-
a3f4-48352e817052
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a web service connection in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No Content

Sources

You can use API calls to perform various operations with SQL, JMS, RSS Reader, URL monitoring, web page monitoring, web service, file input, and event generator sources.

SQL Source

Use the examples to retrieve, create, update, or delete an SQL source.

Create SQL Source

Use the POST method to create an SQL source in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an SQL source in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "SqlSource1",
  "valid": true,
  "type": "sources",
  "topics": [
    {
      "rel": "topics",
      "href": "api/projects/4/topics/e1accb9c-b1a0-431b-b771-bc7662811e95",
      "title": "SqlTopic1",
      "id": "e1accb9c-b1a0-431b-b771-bc7662811e95"
    }
  ],
  "connection": {
    "rel": "connection",
    "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
    "title": "SqlConnection1",
    "id": "1d559d37-2c6e-48c0-8623-c571339c1e99"
  },
  "sourceType": "SqlSource",
  "config": {
```

```

        "sql": "select * from stock where price < 20",
        "propertyMetadataMap": "[\"java.util.HashMap\",{}]",
        "parameters": "",
        "transactionSize": 0,
        "bufferResult": "no"
    },
    "marshaller": {
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

POST Response in JSON Format

Returns the SQL source object and response code. Returns the error object if an error occurs.

```

{
    "id": "b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
    "name": "SqlSource1",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
        "title": "SqlSource1",
        "id": "b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createSchedule",
            "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6/
schedules",
            "type": "POST",
            "title": "Create Schedule"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/4",
        "title": "RT_TestProject1",
        "id": "4"
    },
    "type": "sources",
    "lastModifiedDate": "2013-07-30T06:39:49+05:30",
    "createDate": "2013-07-30T06:39:49+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no schedules attached to this Source",
    "sourceType": "SqlSource",
    "sourceTypeDisplayName": "SQL Source",
    "schedulable": true,

```

```

"config": {
  "fetchSize": "10",
  "sql": "select * from stock where price < 20",
  "updateSql": null,
  "bufferResult": "no",
  "markerId": null,
  "parameters": null,
  "propertyMetadataMap": "*",
  "transactionSize": "0"
},
"topics": [
  {
    "href": "api/projects/4/topics/e1accb9c-b1a0-431b-b771-bc7662811e95",
    "title": "SqlTopic1",
    "objectType": "topics",
    "id": "e1accb9c-b1a0-431b-b771-bc7662811e95"
  }
],
"connection": {
  "rel": "connection",
  "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
  "title": "SqlConnection1",
  "id": "1d559d37-2c6e-48c0-8623-c571339c1e99"
},
"marshaller": {
  "marshallerClassname": null,
  "marshallerProperties": null,
  "marshallerThreadsafe": false
}
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an SQL source in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>sqlsrc1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>fetchSize</key>
      <value>10</value>
    </entry>
    <entry>
      <key>sql</key>
      <value>select * from stock</value>
    </entry>
    <entry>
      <key>updateSql</key>
      <value/>
    </entry>
    <entry>
      <key>bufferResult</key>
      <value>no</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
  </config>
</source>

```

```

        <key>parameters</key>
      </entry>
    <entry>
      <key>propertyMetadataMap</key>
    </entry>
    <entry>
      <key>transactionSize</key>
      <value>0</value>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
    <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
    <rel>connection</rel>
    <title>sqlconnection</title>
  </connection>
  <sourceType>SqlSource</sourceType>
  <topics>
    <topic>
      <href>api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab</href>
      <id>13dcf0cf-4d29-434a-98ae-99dff34367ab</id>
      <objectType>topics</objectType>
      <title>sqltopic</title>
    </topic>
  </topics>
</source>

```

POST Response in XML Format

Returns the SQL response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>01eec793-87aa-44fe-a12d-ee3b98e0e71d</id>
  <links/>
  <name>sqlsrc1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d</href>
    <id>01eec793-87aa-44fe-a12d-ee3b98e0e71d</id>
  </self>

```

```

        <rel>self</rel>
        <title>sqlsrc1</title>
    </self>
    <valid>false</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <dtError>There are no schedules attached to this Source</dtError>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>sources</type>
    <config>
        <entry>
            <key>fetchSize</key>
            <value>10</value>
        </entry>
        <entry>
            <key>sql</key>
            <value>select * from stock</value>
        </entry>
        <entry>
            <key>updateSql</key>
            <value/>
        </entry>
        <entry>
            <key>bufferResult</key>
            <value>no</value>
        </entry>
        <entry>
            <key>markerId</key>
            <value/>
        </entry>
        <entry>
            <key>parameters</key>
        </entry>
        <entry>
            <key>propertyMetadataMap</key>
        </entry>
        <entry>
            <key>transactionSize</key>
            <value>0</value>
        </entry>
    </config>
    <connection>
        <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
        <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
        <rel>connection</rel>
        <title>sqlconnection</title>
    </connection>
    <marshaller>
        <marshallerProperties/>
        <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <schedulable>true</schedulable>
    <sourceType>SqlSource</sourceType>
    <sourceTypeDisplayName>SQL Source</sourceTypeDisplayName>
    <topics>
        <topic>
            <href>api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab</href>
            <id>13dcf0cf-4d29-434a-98ae-99dff34367ab</id>
            <objectType>topics</objectType>
            <title>sqltopic</title>
        </topic>
    </topics>
</source>

```

Response Code : 201 Created

Retrieve SQL Source

Use the GET method to retrieve an SQL source in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following PUT request retrieves an SQL source in a RulePoint application:

```
GET http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

GET Response in JSON Format

```
{
  "total": 5,
  "count": 5,
  "items": [
    {
      "id": "01eec793-87aa-44fe-a12d-ee3b98e0e71d",
      "name": "sqlsrc1",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d",
        "title": "sqlsrc1",
        "id": "01eec793-87aa-44fe-a12d-ee3b98e0e71d"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d",
          "type": "PUT",
          "title": "Edit"
        },
        {
          "rel": "delete",
          "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d",
          "type": "DELETE",
          "title": "Delete"
        },
        {
          "rel": "deploy",
          "href": "api/projects/1/deploy",
          "type": "POST",
          "title": "Deploy"
        },
        {
          "rel": "createSchedule",
          "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d/schedules",
          "type": "POST",
          "title": "Create Schedule"
        }
      ],
      "acl": {
        "rel": "acl",
        "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d/acl",
        "title": "acl"
      },
      "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
      }
    }
  ]
}
```

```

    },
    "type": "sources",
    "lastModifiedDate": "2013-08-19T11:21:03+05:30",
    "createDate": "2013-07-30T10:09:54+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "sourceType": "SqlSource",
    "sourceTypeDisplayName": "SQL Source",
    "schedulable": true,
    "config": {
        "fetchSize": "10",
        "sql": "select * from stock",
        "updateSql": "",
        "bufferResult": "no",
        "markerId": "",
        "parameters": null,
        "propertyMetadataMap": null,
        "transactionSize": "0"
    },
    "topics": [
        {
            "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
            "title": "sqltopic",
            "objectType": "topics",
            "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab"
        }
    ],
    "connection": {
        "rel": "connection",
        "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49",
        "title": "sqlconnection",
        "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
    },
    "schedules": [
        {
            "rel": "schedules",
            "href": "api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d/
schedules/1687",
            "id": "1687"
        }
    ],
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
},
{
    "id": "09c059f8-f304-41dd-8e1b-fa5a538a74c4",
    "name": "wssrc",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/sources/09c059f8-f304-41dd-8e1b-fa5a538a74c4",
        "title": "wssrc",
        "id": "09c059f8-f304-41dd-8e1b-fa5a538a74c4"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/sources/09c059f8-f304-41dd-8e1b-
fa5a538a74c4",
            "type": "PUT",
            "title": "Edit"
        },
        {

```



```

        "rel": "delete",
        "href": "api/projects/1/sources/09c059f8-f304-41dd-8e1b-
fa5a538a74c4",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "deploy",
        "href": "api/projects/1/deploy",
        "type": "POST",
        "title": "Deploy"
    },
    {
        "rel": "createSchedule",
        "href": "api/projects/1/sources/09c059f8-f304-41dd-8e1b-fa5a538a74c4/
schedules",
        "type": "POST",
        "title": "Create Schedule"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/09c059f8-f304-41dd-8e1b-fa5a538a74c4/
acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "sources",
"lastModifiedDate": "2013-08-19T09:57:07+05:30",
"createDate": "2013-08-19T09:24:26+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"sourceType": "WebSourceService",
"sourceTypeDisplayName": "Web Service Source",
"schedulable": true,
"config": {
    "operation": "hello",
    "inputParameters": "hello.name=x; =90",
    "markerId": "",
    "xpathExpr": "//return",
    "propertyMetadataMap": null,
    "serviceName": "HelloWorldServices"
},
"topics": [
    {
        "href": "api/projects/1/topics/4621dbcb-4343-4304-b4fc-6d09920c65e9",
        "title": "wstopic",
        "objectType": "topics",
        "id": "4621dbcb-4343-4304-b4fc-6d09920c65e9"
    }
],
"connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7",
    "title": "wsconn",
    "id": "03e9c236-1a01-40e2-9d4a-f13c893abef7"
},
"schedules": [
    {
        "rel": "schedules",
        "href": "api/projects/1/sources/09c059f8-f304-41dd-8e1b-fa5a538a74c4/

```

```

schedules/3801",
    "id": "3801"
  }
],
"marshaller": {
  "marshallerClassname": null,
  "marshallerProperties": {},
  "marshallerThreadsafe": false
}
},
{
  "id": "ba80a9f1-f0a2-4600-986a-40ecc7a1c832",
  "name": "invalidsrc2",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7a1c832",
    "title": "invalidsrc2",
    "id": "ba80a9f1-f0a2-4600-986a-40ecc7a1c832"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7a1c832",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7a1c832",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createSchedule",
      "href": "api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7a1c832/schedules",
      "type": "POST",
      "title": "Create Schedule"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7a1c832/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "sources",
  "lastModifiedDate": "2013-08-13T10:38:12+05:30",
  "createDate": "2013-08-06T16:04:51+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "sourceType": "SqlSource",

```

```

"sourceTypeDisplayName": "SQL Source",
"schedulable": true,
"config": {
  "fetchSize": "10",
  "sql": "select * from stock",
  "updateSql": "",
  "bufferResult": "no",
  "markerId": "",
  "parameters": null,
  "propertyMetadataMap": null,
  "transactionSize": "0"
},
"topics": [
  {
    "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
    "title": "sqltopic",
    "objectType": "topics",
    "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab"
  }
],
"connection": {
  "rel": "connection",
  "href": "api/projects/1/connections/b53a6fc3-a885-4da9-b30e-
a40e96208ee9",
  "title": "invalidsqlconn",
  "id": "b53a6fc3-a885-4da9-b30e-a40e96208ee9"
},
"schedules": [
  {
    "rel": "schedules",
    "href": "api/projects/1/sources/ba80a9f1-f0a2-4600-986a-40ecc7a1c832/
schedules/1720",
    "id": "1720"
  }
],
"marshaller": {
  "marshallerClassname": null,
  "marshallerProperties": {},
  "marshallerThreadsafe": false
}
},
{
  "id": "daf6350b-99cb-49e7-b69a-a1ea801e32a0",
  "name": "invalidsrc",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-a1ea801e32a0",
    "title": "invalidsrc",
    "id": "daf6350b-99cb-49e7-b69a-a1ea801e32a0"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-
a1ea801e32a0",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-
a1ea801e32a0",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",

```

```

        "title": "Deploy"
    },
    {
        "rel": "createSchedule",
        "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-a1ea801e32a0/
schedules",
        "type": "POST",
        "title": "Create Schedule"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-a1ea801e32a0/
acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "sources",
"lastModifiedDate": "2013-08-06T16:02:53+05:30",
"createDate": "2013-08-06T16:00:15+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"sourceType": "SqlSource",
"sourceTypeDisplayName": "SQL Source",
"schedulable": true,
"config": {
    "fetchSize": "10",
    "sql": "select * from preferred_stocks",
    "updateSql": "",
    "bufferResult": "no",
    "markerId": "",
    "parameters": null,
    "propertyMetadataMap": null,
    "transactionSize": "0"
},
"topics": [
    {
        "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
        "title": "sqltopic",
        "objectType": "topics",
        "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab"
    }
],
"connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49",
    "title": "sqlconnection",
    "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
},
"schedules": [
    {
        "rel": "schedules",
        "href": "api/projects/1/sources/daf6350b-99cb-49e7-b69a-a1ea801e32a0/
schedules/1719",
        "id": "1719"
    }
],
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}

```

```

    },
    {
      "id": "d5114508-ddd1-4d9a-ba2e-2a338325b9ed",
      "name": "rss_src",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/sources/d5114508-ddd1-4d9a-ba2e-2a338325b9ed",
        "title": "rss_src",
        "id": "d5114508-ddd1-4d9a-ba2e-2a338325b9ed"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/sources/d5114508-ddd1-4d9a-
ba2e-2a338325b9ed",
          "type": "PUT",
          "title": "Edit"
        },
        {
          "rel": "delete",
          "href": "api/projects/1/sources/d5114508-ddd1-4d9a-
ba2e-2a338325b9ed",
          "type": "DELETE",
          "title": "Delete"
        },
        {
          "rel": "deploy",
          "href": "api/projects/1/deploy",
          "type": "POST",
          "title": "Deploy"
        },
        {
          "rel": "createSchedule",
          "href": "api/projects/1/sources/d5114508-ddd1-4d9a-ba2e-2a338325b9ed/
schedules",
          "type": "POST",
          "title": "Create Schedule"
        }
      ],
      "acl": {
        "rel": "acl",
        "href": "api/projects/1/sources/d5114508-ddd1-4d9a-ba2e-2a338325b9ed/
acl",
        "title": "acl"
      },
      "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
      },
      "type": "sources",
      "lastModifiedDate": "2013-08-05T10:15:23+05:30",
      "createDate": "2013-08-05T10:11:18+05:30",
      "createdBy": "Administrator",
      "predefined": false,
      "deployable": true,
      "deployState": "DRAFT",
      "force": false,
      "sourceType": "rss",
      "sourceTypeDisplayName": "RSS/Atom Source",
      "schedulable": true,
      "config": {
        "username": "",
        "mostRecentEventDate": "2013-08-03 05:30:00 +0530",
        "markerId": "",
        "password": null,
        "propertyMetadataMap": null,

```

```

        "url": "http://invr28cep46:8080/CepQeRssServices/qe_feeds?
feed_title=YosemiteRssSourceTestTitle&feed_desc=YosemetiRssSourceTestFeedDescription&entr
y_title=FeedEntry&entry_desc=FeedEntryDesc&num_entries=10"
    },
    "topics": [
        {
            "href": "api/projects/1/topics/8ad3c733-5e7e-4908-b449-951edfbb9e2b",
            "title": "rsstopic",
            "objectType": "topics",
            "id": "8ad3c733-5e7e-4908-b449-951edfbb9e2b"
        }
    ],
    "schedules": [
        {
            "rel": "schedules",
            "href": "api/projects/1/sources/d5114508-ddd1-4d9a-ba2e-2a338325b9ed/
schedules/1689",
            "id": "1689"
        }
    ],
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}
]
}

```

Response Code: 200 OK

GET Request in XML Format

Generate a GET request. For example, the following PUT request retrieves an SQL source in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in XML Format

Returns the SQL source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<artifacts>
  <count>1</count>
  <items>
    <source>
      <acl>
        <href>api/projects/1/sources/71ab3fe4-b89d-45d9-af28-b6c40e31ec37/acl</
href>
        <rel>acl</rel>
        <title>acl</title>
      </acl>
      <actions>
        <action>
          <href>api/projects/1/sources/71ab3fe4-b89d-45d9-af28-b6c40e31ec37</
href>
          <rel>update</rel>
          <title>Edit</title>
          <type>PUT</type>
        </action>
        <action>
          <href>api/projects/1/sources/71ab3fe4-b89d-45d9-af28-b6c40e31ec37</
href>
          <rel>delete</rel>
          <title>Delete</title>
          <type>DELETE</type>
        </action>
      </actions>
    </source>
  </items>
</artifacts>

```

```

        <action>
          <href>api/projects/1/deploy</href>
          <rel>deploy</rel>
          <title>Deploy</title>
          <type>POST</type>
        </action>
        <action>
          <href>api/projects/1/sources/71ab3fe4-b89d-45d9-af28-b6c40e31ec37/
schedules</href>
          <rel>createSchedule</rel>
          <title>Create Schedule</title>
          <type>POST</type>
        </action>
      </actions>
      <id>71ab3fe4-b89d-45d9-af28-b6c40e31ec37</id>
      <name>SqlSrc1</name>
      <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
      </owningProject>
      <self>
        <href>api/projects/1/sources/71ab3fe4-b89d-45d9-af28-b6c40e31ec37</href>
        <id>71ab3fe4-b89d-45d9-af28-b6c40e31ec37</id>
        <rel>self</rel>
        <title>SqlSrc1</title>
      </self>
      <createDate/>
      <createdBy>Administrator</createdBy>
      <deployState>DRAFT</deployState>
      <deployable>true</deployable>
      <description/>
      <dtError>There are no schedules attached to this Source</dtError>
      <force>false</force>
      <lastModifiedDate/>
      <predefined>false</predefined>
      <type>sources</type>
      <valid>true</valid>
      <config>
        <entry>
          <key>fetchSize</key>
          <value>10</value>
        </entry>
        <entry>
          <key>sql</key>
          <value>select * from stock</value>
        </entry>
        <entry>
          <key>updateSql</key>
          <value/>
        </entry>
        <entry>
          <key>bufferResult</key>
          <value>no</value>
        </entry>
        <entry>
          <key>markerId</key>
          <value/>
        </entry>
        <entry>
          <key>parameters</key>
        </entry>
        <entry>
          <key>propertyMetadataMap</key>
        </entry>
        <entry>
          <key>transactionSize</key>
          <value>1</value>
        </entry>
      </config>

```

```

        </config>
        <connection>
            <href>api/projects/1/connections/1d3cae17-2017-4046-ba9c-a5481aa0f027</
href>
            <id>1d3cae17-2017-4046-ba9c-a5481aa0f027</id>
            <rel>connection</rel>
            <title>testConnection11392963966630</title>
        </connection>
        <marshaller>
            <marshallerProperties/>
            <marshallerThreadsafe>>false</marshallerThreadsafe>
        </marshaller>
        <schedulable>true</schedulable>
        <schedules>
            <schedule>
                <href>api/projects/1/sources/71ab3fe4-b89d-45d9-af28-b6c40e31ec37/
schedules/129</href>
                <id>129</id>
                <rel>schedules</rel>
            </schedule>
        </schedules>
        <sourceType>SqlSource</sourceType>
        <sourceTypeDisplayName>SQL Source</sourceTypeDisplayName>
        <topics>
            <topic>
                <href>api/projects/1/topics/b897aa28-f7a4-48fd-8df7-ce071fe9004e</
href>
                <id>b897aa28-f7a4-48fd-8df7-ce071fe9004e</id>
                <objectSubType>topics</objectSubType>
                <objectType>topics</objectType>
                <rel>topics</rel>
                <title>Stock_Quote</title>
            </topic>
        </topics>
    </source>
</items>
<total>1</total>
<invalidCount>0</invalidCount>
</artifacts>

```

Response Code : 200 OK

Update SQL Source

Use the PUT method to update an SQL source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an SQL source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/4/sources/b40f59c8-01c8-4202-
bb0c-8dd0fb3a93f6
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
    "name": "StockSource",
    "valid": true,
    "type": "sources",
    "topics": [
        {
            "rel": "topics",
            "href": "api/projects/4/topics/elaccb9c-b1a0-431b-b771-bc7662811e95",
            "title": "SqlTopic1",

```



```

        "id": "e1accb9c-b1a0-431b-b771-bc7662811e95"
    },
    "connection": {
        "rel": "connection",
        "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
        "title": "SqlConnection1",
        "id": "1d559d37-2c6e-48c0-8623-c571339c1e99"
    },
    "sourceType": "SqlSource",
    "config": {
        "sql": "select * from stock where price < 20",
        "propertyMetadataMap": "[\"java.util.HashMap\", {}]",
        "parameters": "",
        "transactionSize": 0,
        "bufferResult": "no"
    },
    "marshaller": {
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

PUT Response in JSON Format

Returns the SQL source object and source code. Returns the error object if an error occurs.

```

{
    "id": "b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
    "name": "StockSource",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
        "title": "StockSource",
        "id": "b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createSchedule",
            "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6/schedules",
            "type": "POST",
            "title": "Create Schedule"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/4/sources/b40f59c8-01c8-4202-bb0c-8dd0fb3a93f6/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/4",
        "title": "RT_TestProject1",
        "id": "4"
    },
    "type": "sources",
}

```

```

    "lastModifiedDate": "2013-07-30T06:39:49+05:30",
    "createDate": "2013-07-30T06:39:49+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no schedules attached to this Source",
    "sourceType": "SqlSource",
    "sourceTypeDisplayName": "SQL Source",
    "schedulable": true,
    "config": {
      "fetchSize": "10",
      "sql": "select * from stock where price < 20",
      "updateSql": null,
      "bufferResult": "no",
      "markerId": null,
      "parameters": null,
      "propertyMetadataMap": "*",
      "transactionSize": "0"
    },
    "topics": [
      {
        "href": "api/projects/4/topics/elaccb9c-b1a0-431b-b771-bc7662811e95",
        "title": "SqlTopic1",
        "objectType": "topics",
        "id": "elaccb9c-b1a0-431b-b771-bc7662811e95"
      }
    ],
    "connection": {
      "rel": "connection",
      "href": "api/projects/4/connections/1d559d37-2c6e-48c0-8623-c571339c1e99",
      "title": "SqlConnection1",
      "id": "1d559d37-2c6e-48c0-8623-c571339c1e99"
    },
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": null,
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an SQL source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/01eec793-87aa-44fe-a12d-
ee3b98e0e71d
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>sqlsrc1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>fetchSize</key>
      <value>10</value>
    </entry>
    <entry>
      <key>sql</key>
      <value>select * from stock</value>
    </entry>
  </config>
</source>

```

```

        <key>updateSql</key>
        <value/>
    </entry>
    <entry>
        <key>bufferResult</key>
        <value>no</value>
    </entry>
    <entry>
        <key>markerId</key>
        <value/>
    </entry>
    <entry>
        <key>parameters</key>
    </entry>
    <entry>
        <key>propertyMetadataMap</key>
    </entry>
    <entry>
        <key>transactionSize</key>
        <value>0</value>
    </entry>
</config>
<connection>
    <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
    <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
    <rel>connection</rel>
    <title>sqlconnection</title>
</connection>
<sourceType>SqlSource</sourceType>
<topics>
    <topic>
        <href>api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab</href>
        <id>13dcf0cf-4d29-434a-98ae-99dff34367ab</id>
        <objectType>topics</objectType>
        <title>sqltopic</title>
    </topic>
</topics>
</source>

```

PUT Response in XML Format

Returns the SQL source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
    <acl>
        <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
        <action>
            <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d/schedules</
href>
            <rel>createSchedule</rel>
            <title>Create Schedule</title>
            <type>POST</type>
        </action>
    </actions>

```

```

<id>01eec793-87aa-44fe-a12d-ee3b98e0e71d</id>
<links/>
<name>sqlsrc1</name>
<owningProject>
  <href>api/projects/1</href>
  <id>1</id>
  <rel>owningProject</rel>
  <title>Default Project</title>
</owningProject>
<self>
  <href>api/projects/1/sources/01eec793-87aa-44fe-a12d-ee3b98e0e71d</href>
  <id>01eec793-87aa-44fe-a12d-ee3b98e0e71d</id>
  <rel>self</rel>
  <title>sqlsrc1</title>
</self>
<valid>false</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<dtError>There are no schedules attached to this Source</dtError>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<config>
  <entry>
    <key>fetchSize</key>
    <value>10</value>
  </entry>
  <entry>
    <key>sql</key>
    <value>select * from stock</value>
  </entry>
  <entry>
    <key>updateSql</key>
    <value/>
  </entry>
  <entry>
    <key>bufferResult</key>
    <value>no</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>parameters</key>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
  </entry>
  <entry>
    <key>transactionSize</key>
    <value>0</value>
  </entry>
</config>
<connection>
  <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
  <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
  <rel>connection</rel>
  <title>sqlconnection</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<sourceType>SqlSource</sourceType>
<sourceTypeDisplayName>SQL Source</sourceTypeDisplayName>

```

```

    <topics>
      <topic>
        <href>api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab</href>
        <id>13dcf0cf-4d29-434a-98ae-99dff34367ab</id>
        <objectType>topics</objectType>
        <title>sqltopic</title>
      </topic>
    </topics>
  </source>

```

Response Code : 200 OK

Delete SQL Source

Use the DELETE method to delete an SQL source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an SQL source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/4/sources/b40f59c8-01c8-4202-
bb0c-8dd0fb3a93f6

Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an SQL source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/sources/01eec793-87aa-44fe-a12d-
ee3b98e0e71d
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

JMS Source

Use the examples to create, update, or delete a JMS source.

Create JMS Source

Use the POST method to create a JMS source in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a JMS source in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in JSON Format

```
{
  "name": "jmssource",
  "sourceType": "JMSSource",
  "schedulable": false,
  "config": {
    "clientAcknowledgeMode": "AUTO_ACKNOWLEDGE",
    "clientId": "",
    "destination": "jmsQueue",
    "messageSelector": "",
    "subscriptionName": ""
  },
  "topics": [
    {
      "href": "api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa",
      "title": "jmstopic",
      "objectType": "topics",
      "id": "6e9c0ae9-fce0-4219-9e58-639af4e79daa"
    }
  ],
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

POST Response in JSON Format

Returns the JMS source object and response code. Returns the error object if an error occurs.

```
{
  "id": "f9a382cd-fb73-4165-bbaa-f05f40303b5d",
  "name": "jmssource",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d",
    "title": "jmssource",
    "id": "f9a382cd-fb73-4165-bbaa-f05f40303b5d"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    }
  ],
  "acl": {
    "rel": "acl",

```

```

        "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "sources",
    "lastModifiedDate": "2013-08-23T15:19:28+05:30",
    "createDate": "2013-08-23T15:19:28+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "sourceType": "JMSSource",
    "sourceTypeDisplayName": "JMS Source",
    "schedulable": false,
    "config": {
        "clientAcknowledgeMode": "AUTO_ACKNOWLEDGE",
        "clientId": "",
        "destination": "jmsQueue",
        "messageSelector": "",
        "subscriptionName": ""
    },
    "topics": [
        {
            "href": "api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa",
            "title": "jmstopic",
            "objectType": "topics",
            "id": "6e9c0ae9-fce0-4219-9e58-639af4e79daa"
        }
    ],
    "connection": {
        "rel": "connection",
        "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
        "title": "jmsconnection",
        "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a JMS source in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>jmssource</name>
  <type>sources</type>
  <config>
    <entry>
      <key>clientAcknowledgeMode</key>
      <value>AUTO_ACKNOWLEDGE</value>
    </entry>
  </config>
</source>

```

```

    <entry>
      <key>clientId</key>
      <value/>
    </entry>
    <entry>
      <key>destination</key>
      <value>jmsQueue</value>
    </entry>
    <entry>
      <key>messageSelector</key>
      <value/>
    </entry>
    <entry>
      <key>subscriptionName</key>
      <value/>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
    <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
    <rel>connection</rel>
    <title>jmsconnection</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>false</schedulable>
  <sourceType>JMSSource</sourceType>
  <sourceTypeDisplayName>JMS Source</sourceTypeDisplayName>
  <topics>
    <topic>
      <href>api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa</href>
      <id>6e9c0ae9-fce0-4219-9e58-639af4e79daa</id>
      <objectType>topics</objectType>
      <title>jmstopic</title>
    </topic>
  </topics>
</source>

```

POST Response in XML Format

Returns the JMS source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
  </actions>

```



```

<id>f9a382cd-fb73-4165-bbaa-f05f40303b5d</id>
<links/>
<name>jmssource</name>
<owningProject>
  <href>api/projects/1</href>
  <id>1</id>
  <rel>owningProject</rel>
  <title>Default Project</title>
</owningProject>
<self>
  <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d</href>
  <id>f9a382cd-fb73-4165-bbaa-f05f40303b5d</id>
  <rel>self</rel>
  <title>jmssource</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<config>
  <entry>
    <key>clientAcknowledgeMode</key>
    <value>AUTO_ACKNOWLEDGE</value>
  </entry>
  <entry>
    <key>clientId</key>
    <value/>
  </entry>
  <entry>
    <key>destination</key>
    <value>jmsQueue</value>
  </entry>
  <entry>
    <key>messageSelector</key>
    <value/>
  </entry>
  <entry>
    <key>subscriptionName</key>
    <value/>
  </entry>
</config>
<connection>
  <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
  <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
  <rel>connection</rel>
  <title>jmsconnection</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>false</schedulable>
<sourceType>JMSSource</sourceType>
<sourceTypeDisplayName>JMS Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa</href>
    <id>6e9c0ae9-fce0-4219-9e58-639af4e79daa</id>
    <objectType>topics</objectType>
    <title>jmstopic</title>
  </topic>
</topics>
</source>

```

Response Code : 201 Created

Update JMS Source

Use the PUT method to update a JMS source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a JMS source in a RulePoint application:

```
PUT http://localhost:8080/rulepoint/api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "name": "ActiveMQSource",
  "sourceType": "JMSSource",
  "schedulable": false,
  "config": {
    "clientAcknowledgeMode": "AUTO_ACKNOWLEDGE",
    "clientId": "",
    "destination": "jmsQueue",
    "messageSelector": "",
    "subscriptionName": ""
  },
  "topics": [
    {
      "href": "api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa",
      "title": "jmstopic",
      "objectType": "topics",
      "id": "6e9c0ae9-fce0-4219-9e58-639af4e79daa"
    }
  ],
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {
    },
    "marshallerThreadsafe": false
  }
}
```

PUT Response in JSON Format

Returns the JMS source object and source code. Returns the error object if an error occurs.

```
{
  "id": "f9a382cd-fb73-4165-bbaa-f05f40303b5d",
  "name": "ActiveMQSource",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d",
    "title": "ActiveMQSource",
    "id": "f9a382cd-fb73-4165-bbaa-f05f40303b5d"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d",
      "type": "PUT",
      "title": "Edit"
    }
  ]
}
```

```

    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "sources",
  "lastModifiedDate": "2013-08-23T15:19:28+05:30",
  "createDate": "2013-08-23T15:19:28+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "sourceType": "JMSSource",
  "sourceTypeDisplayName": "JMS Source",
  "schedulable": false,
  "config": {
    "clientAcknowledgeMode": "AUTO_ACKNOWLEDGE",
    "clientId": "",
    "destination": "jmsQueue",
    "messageSelector": "",
    "subscriptionName": ""
  },
  "topics": [
    {
      "href": "api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa",
      "title": "jmstopic",
      "objectType": "topics",
      "id": "6e9c0ae9-fce0-4219-9e58-639af4e79daa"
    }
  ],
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a JMS source in a RulePoint application:

```
PUT http://localhost:8080/rulepoint/api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>jmssource</name>
  <type>sources</type>
  <config>
    <entry>
      <key>clientAcknowledgeMode</key>
      <value>AUTO_ACKNOWLEDGE</value>
    </entry>
    <entry>
      <key>clientId</key>
      <value/>
    </entry>
    <entry>
      <key>destination</key>
      <value>jmsQueue</value>
    </entry>
    <entry>
      <key>messageSelector</key>
      <value/>
    </entry>
    <entry>
      <key>subscriptionName</key>
      <value/>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
    <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
    <rel>connection</rel>
    <title>jmsconnection</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>false</schedulable>
  <sourceType>JMSSource</sourceType>
  <sourceTypeDisplayName>JMS Source</sourceTypeDisplayName>
  <topics>
    <topic>
      <href>api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa</href>
      <id>6e9c0ae9-fce0-4219-9e58-639af4e79daa</id>
      <objectType>topics</objectType>
      <title>jmstopic</title>
    </topic>
  </topics>
</source>
```

PUT Response in XML Format

Returns the JMS source object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d/acl</href>
    <rel>acl</rel>
  </acl>
</source>
```

```

        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
        <action>
            <href>api/projects/1/deploy</href>
            <rel>deploy</rel>
            <title>Deploy</title>
            <type>POST</type>
        </action>
    </actions>
    <id>f9a382cd-fb73-4165-bbaa-f05f40303b5d</id>
    <links/>
    <name>jmssource</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/sources/f9a382cd-fb73-4165-bbaa-f05f40303b5d</href>
        <id>f9a382cd-fb73-4165-bbaa-f05f40303b5d</id>
        <rel>self</rel>
        <title>jmssource</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>sources</type>
    <config>
        <entry>
            <key>clientAcknowledgeMode</key>
            <value>AUTO_ACKNOWLEDGE</value>
        </entry>
        <entry>
            <key>clientId</key>
            <value/>
        </entry>
        <entry>
            <key>destination</key>
            <value>jmsQueue</value>
        </entry>
        <entry>
            <key>messageSelector</key>
            <value/>
        </entry>
        <entry>
            <key>subscriptionName</key>
            <value/>
        </entry>
    </config>
    <connection>
        <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>

```

```

        <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
        <rel>connection</rel>
        <title>jmsconnection</title>
    </connection>
    <marshaller>
        <marshallerProperties/>
        <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <schedulable>false</schedulable>
    <sourceType>JMSSource</sourceType>
    <sourceTypeDisplayName>JMS Source</sourceTypeDisplayName>
    <topics>
        <topic>
            <href>api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa</href>
            <id>6e9c0ae9-fce0-4219-9e58-639af4e79daa</id>
            <objectType>topics</objectType>
            <title>jmstopic</title>
        </topic>
    </topics>
</source>

```

Response Code : 200 OK

Delete JMS Source

Use the DELETE method to delete a JMS source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/sources/f9a382cd-fb73-4165-bbaa-
f05f40303b5d
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/sources/f9a382cd-fb73-4165-bbaa-
f05f40303b5d
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

RSS Reader Source

Use the examples to create, update, or delete an RSS Reader source.

Create RSS Reader Source

Use the POST method to create an RSS Reader source in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following PUT request creates an RSS Reader source in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "RssReaderSource2",
  "valid": true,
  "sourceType": "rss",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5",
      "title": "RssReaderTopic1",
      "objectType": "topics",
      "id": "906b6070-43ba-4735-99e4-e9a0e4c5fbb5"
    }
  ],
  "config": {
    "username": null,
    "mostRecentEventDate": "1979-11-24 11:00:00 +0530",
    "markerId": null,
    "propertyMetadataMap": null,
    "url": "http://invr28cep46:8080/CepQeRssServices/hello_dynfeed",
    "password": null
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

POST Response in JSON Format

Returns the RSS Reader source object and response code. Returns the error object if an error occurs.

```
{
  "id": "b2448a99-92d3-46b4-9c91-b2055449e801",
  "name": "RssReaderSource2",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801",
    "title": "RssReaderSource2",
    "id": "b2448a99-92d3-46b4-9c91-b2055449e801"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801",
      "type": "PUT",
    }
  ]
}
```

```

        "title": "Edit"
    },
    {
        "rel": "delete",
        "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "deploy",
        "href": "api/projects/1/deploy",
        "type": "POST",
        "title": "Deploy"
    },
    {
        "rel": "createSchedule",
        "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/
schedules",
        "type": "POST",
        "title": "Create Schedule"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "sources",
"lastModifiedDate": "2013-09-13T20:52:52+05:30",
"createDate": "2013-09-13T16:10:38+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"sourceType": "rss",
"sourceTypeDisplayName": "RSS/Atom Source",
"schedulable": true,
"config": {
    "username": "",
    "mostRecentEventDate": "1979-11-24 11:00:00 +0530",
    "markerId": "",
    "password": null,
    "propertyMetadataMap": null,
    "url": "http://invr28cep46:8080/CepQeRssServices/hello_dynfeed"
},
"topics": [
    {
        "href": "api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5",
        "title": "RssReaderTopic1",
        "objectType": "topics",
        "id": "906b6070-43ba-4735-99e4-e9a0e4c5fbb5"
    }
],
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an RSS Reader source in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>RssReaderSource2</name>
  <type>sources</type>
  <config>
    <entry>
      <key>username</key>
      <value/>
    </entry>
    <entry>
      <key>mostRecentEventDate</key>
      <value>1979-11-24 11:00:00 +0530</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>password</key>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRssServices/hello_dynfeed</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <schedules>
    <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/schedules/4166</href>
    <id>4166</id>
    <rel>schedules</rel>
  </schedules>
  <sourceType>rss</sourceType>
  <topics>
    <topic>
      <href>api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5</href>
      <id>906b6070-43ba-4735-99e4-e9a0e4c5fbb5</id>
      <objectType>topics</objectType>
      <title>RssReaderTopic1</title>
    </topic>
  </topics>
</source>
```

POST Response in XML Format

Returns the RSS Reader source object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/acl</href>
    <rel>acl</rel>
  </acl>
</source>
```

```

        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
        <action>
            <href>api/projects/1/deploy</href>
            <rel>deploy</rel>
            <title>Deploy</title>
            <type>POST</type>
        </action>
        <action>
            <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/schedules</
href>
            <rel>createSchedule</rel>
            <title>Create Schedule</title>
            <type>POST</type>
        </action>
    </actions>
    <id>b2448a99-92d3-46b4-9c91-b2055449e801</id>
    <links/>
    <name>RssReaderSource2</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801</href>
        <id>b2448a99-92d3-46b4-9c91-b2055449e801</id>
        <rel>self</rel>
        <title>RssReaderSource2</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>sources</type>
    <config>
        <entry>
            <key>username</key>
            <value/>
        </entry>
        <entry>
            <key>mostRecentEventDate</key>
            <value>1979-11-24 11:00:00 +0530</value>
        </entry>
        <entry>
            <key>markerId</key>
            <value/>
        </entry>
        <entry>
            <key>password</key>
        </entry>
    </entry>

```

```

        <key>propertyMetadataMap</key>
      </entry>
      <entry>
        <key>url</key>
        <value>http://invr28cep46:8080/CepQeRssServices/hello_dynfeed</value>
      </entry>
    </config>
    <marshaller>
      <marshallerProperties/>
      <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <schedulable>true</schedulable>
    <sourceType>rss</sourceType>
    <sourceTypeDisplayName>RSS/Atom Source</sourceTypeDisplayName>
    <topics>
      <topic>
        <href>api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5</href>
        <id>906b6070-43ba-4735-99e4-e9a0e4c5fbb5</id>
        <objectType>topics</objectType>
        <title>RssReaderTopic1</title>
      </topic>
    </topics>
  </source>

```

Response Code : 201 Created

Update RSS Reader Source

Use the PUT method to update an RSS Reader source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an RSS Reader source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/b2448a99-92d3-46b4-9c91-
b2055449e801
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "MyRssReaderSource",
  "valid": true,
  "sourceType": "rss",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5",
      "title": "RssReaderTopic1",
      "objectType": "topics",
      "id": "906b6070-43ba-4735-99e4-e9a0e4c5fbb5"
    }
  ],
  "config": {
    "username": null,
    "mostRecentEventDate": "1979-11-24 11:00:00 +0530",
    "markerId": null,
    "propertyMetadataMap": null,
    "url": "http://invr28cep46:8080/CepQeRssServices/hello_dynfeed",
    "password": null
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}

```

```

    }
}

```

PUT Response in JSON Format

Returns the RSS Reader source object and source code 200 OK. Returns the error object if an error occurs.

```

{
  "id": "b2448a99-92d3-46b4-9c91-b2055449e801",
  "name": "MyRssReaderSource",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801",
    "title": "MyRssReaderSource",
    "id": "b2448a99-92d3-46b4-9c91-b2055449e801"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createSchedule",
      "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/
schedules",
      "type": "POST",
      "title": "Create Schedule"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "sources",
  "lastModifiedDate": "2013-09-13T20:52:52+05:30",
  "createDate": "2013-09-13T16:10:38+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "sourceType": "rss",
  "sourceTypeDisplayName": "RSS/Atom Source",
  "schedulable": true,
  "config": {
    "username": "",
    "mostRecentEventDate": "1979-11-24 11:00:00 +0530",
    "markerId": "",

```

```

        "password": null,
        "propertyMetadataMap": null,
        "url": "http://invr28cep46:8080/CepQeRssServices/hello_dynfeed"
    },
    "topics": [
        {
            "href": "api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5",
            "title": "RssReaderTopic1",
            "objectType": "topics",
            "id": "906b6070-43ba-4735-99e4-e9a0e4c5fbb5"
        }
    ],
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an RSS Reader source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/b2448a99-92d3-46b4-9c91-
b2055449e801
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>RssReaderSource2</name>
  <type>sources</type>
  <config>
    <entry>
      <key>username</key>
      <value/>
    </entry>
    <entry>
      <key>mostRecentEventDate</key>
      <value>1979-11-24 11:00:00 +0530</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>password</key>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRssServices/hello_dynfeed</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <schedules>
    <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/schedules/
4166</href>
    <id>4166</id>
  </schedules>
</source>

```

```

        <rel>schedules</rel>
    </schedules>
    <sourceType>rss</sourceType>
    <topics>
        <topic>
            <href>api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5</href>
            <id>906b6070-43ba-4735-99e4-e9a0e4c5fbb5</id>
            <objectType>topics</objectType>
            <title>RssReaderTopic1</title>
        </topic>
    </topics>
</source>

```

PUT Response in XML Format

Returns the RSS Reader source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
    <acl>
        <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
        <action>
            <href>api/projects/1/deploy</href>
            <rel>deploy</rel>
            <title>Deploy</title>
            <type>POST</type>
        </action>
        <action>
            <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801/schedules</
href>
            <rel>createSchedule</rel>
            <title>Create Schedule</title>
            <type>POST</type>
        </action>
    </actions>
    <id>b2448a99-92d3-46b4-9c91-b2055449e801</id>
    <links/>
    <name>RssReaderSource2</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801</href>
        <id>b2448a99-92d3-46b4-9c91-b2055449e801</id>
        <rel>self</rel>
        <title>RssReaderSource2</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>

```

```

<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<config>
  <entry>
    <key>username</key>
    <value/>
  </entry>
  <entry>
    <key>mostRecentEventDate</key>
    <value>1979-11-24 11:00:00 +0530</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>password</key>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
  </entry>
  <entry>
    <key>url</key>
    <value>http://invr28cep46:8080/CepQeRssServices/hello_dynfeed</value>
  </entry>
</config>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<sourceType>rss</sourceType>
<sourceTypeDisplayName>RSS/Atom Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/906b6070-43ba-4735-99e4-e9a0e4c5fbb5</href>
    <id>906b6070-43ba-4735-99e4-e9a0e4c5fbb5</id>
    <objectType>topics</objectType>
    <title>RssReaderTopic1</title>
  </topic>
</topics>
</source>

```

Response Code : 200 OK

Delete RSS Reader Source

Use the DELETE method to delete an RSS Reader source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an RSS Reader source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/sources/b2448a99-92d3-46b4-9c91-
b2055449e801
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an RSS Reader source in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/sources/b2448a99-92d3-46b4-9c91-b2055449e801
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

URL Monitoring Source

Use the examples to create, update, or delete a URL monitoring source.

Create URL Monitoring Source

Use the POST method to update a URL Monitoring source in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a URL Monitoring source in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "UrlSource1",
  "valid": true,
  "sourceType": "http",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded",
      "title": "UrlTopic1",
      "objectType": "topics",
      "id": "b520f860-dd9f-4d46-bb69-72247e4c7ded"
    }
  ],
  "config": {
    "markerId": null,
    "propertyMetadataMap": "",
    "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

POST Response in JSON Format

Returns the URL Monitoring source object and response code. Returns the error object if an error occurs.

```
{
  "id": "273b895c-c967-4f6b-ac86-f84b201bdaff",
  "name": "UrlSource1",
```



```

"valid": true,
"self": {
  "rel": "self",
  "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff",
  "title": "UrlSource1",
  "id": "273b895c-c967-4f6b-ac86-f84b201bdaff"
},
"actions": [
  {
    "rel": "update",
    "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff",
    "type": "PUT",
    "title": "Edit"
  },
  {
    "rel": "delete",
    "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff",
    "type": "DELETE",
    "title": "Delete"
  },
  {
    "rel": "deploy",
    "href": "api/projects/1/deploy",
    "type": "POST",
    "title": "Deploy"
  },
  {
    "rel": "createSchedule",
    "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/
schedules",
    "type": "POST",
    "title": "Create Schedule"
  }
],
"acl": {
  "rel": "acl",
  "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/acl",
  "title": "acl"
},
"owningProject": {
  "rel": "owningProject",
  "href": "api/projects/1",
  "title": "Default Project",
  "id": "1"
},
"type": "sources",
"lastModifiedDate": "2013-09-13T21:53:34+05:30",
"createDate": "2013-09-13T16:10:38+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"sourceType": "http",
"sourceTypeDisplayName": "URL Monitoring Source",
"schedulable": true,
"config": {
  "markerId": "",
  "propertyMetadataMap": "",
  "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
},
"topics": [
  {
    "href": "api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded",
    "title": "UrlTopic1",
    "objectType": "topics",
    "id": "b520f860-dd9f-4d46-bb69-72247e4c7ded"
  }
],
"marshaller": {

```

```

        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a URL Monitoring source in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>UrlSource1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <sourceType>http</sourceType>
  <topics>
    <topic>
      <href>api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded</href>
      <id>b520f860-dd9f-4d46-bb69-72247e4c7ded</id>
      <objectType>topics</objectType>
      <title>UrlTopic1</title>
    </topic>
  </topics>
</source>

```

POST Response in XML Format

Returns the URL Monitoring source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
  </actions>
</source>

```

```

    </action>
    <action>
      <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
    <action>
      <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>273b895c-c967-4f6b-ac86-f84b201bdaff</id>
  <links/>
  <name>UrlSource1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff</href>
    <id>273b895c-c967-4f6b-ac86-f84b201bdaff</id>
    <rel>self</rel>
    <title>UrlSource1</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>sources</type>
  <config>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <sourceType>http</sourceType>
  <sourceTypeDisplayName>URL Monitoring Source</sourceTypeDisplayName>
  <topics>
    <topic>
      <href>api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded</href>
      <id>b520f860-dd9f-4d46-bb69-72247e4c7ded</id>

```

```

        <objectType>topics</objectType>
        <title>UrlTopic1</title>
      </topic>
    </topics>
  </source>

```

Response Code : 201 Created

Update URL Monitoring Source

Use the PUT method to update a URL Monitoring source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a URL monitoring source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "MyUrlMonitoringSource",
  "valid": true,
  "sourceType": "http",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded",
      "title": "UrlTopic1",
      "objectType": "topics",
      "id": "b520f860-dd9f-4d46-bb69-72247e4c7ded"
    }
  ],
  "config": {
    "markerId": null,
    "propertyMetadataMap": "*",
    "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}

```

PUT Response in JSON Format

Returns the URL Monitoring source object and source code 200 OK. Returns the error object if an error occurs.

```

{
  "id": "273b895c-c967-4f6b-ac86-f84b201bdaff",
  "name": "MyUrlMonitoringSource",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff",
    "title": "MyUrlMonitoringSource",
    "id": "273b895c-c967-4f6b-ac86-f84b201bdaff"
  },
  "actions": [
    {
      "rel": "update",

```

```

        "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff",
        "type": "PUT",
        "title": "Edit"
    },
    {
        "rel": "delete",
        "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "deploy",
        "href": "api/projects/1/deploy",
        "type": "POST",
        "title": "Deploy"
    },
    {
        "rel": "createSchedule",
        "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/
schedules",
        "type": "POST",
        "title": "Create Schedule"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "sources",
"lastModifiedDate": "2013-09-13T21:53:34+05:30",
"createDate": "2013-09-13T16:10:38+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"sourceType": "http",
"sourceTypeDisplayName": "URL Monitoring Source",
"schedulable": true,
"config": {
    "markerId": "",
    "propertyMetadataMap": "*",
    "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
},
"topics": [
    {
        "href": "api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded",
        "title": "UrlTopic1",
        "objectType": "topics",
        "id": "b520f860-dd9f-4d46-bb69-72247e4c7ded"
    }
],
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a URL monitoring source in a RulePoint application:

```
PUT http://localhost:8080/rulepoint/api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>UrlSource1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <sourceType>http</sourceType>
  <topics>
    <topic>
      <href>api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded</href>
      <id>b520f860-dd9f-4d46-bb69-72247e4c7ded</id>
      <objectType>topics</objectType>
      <title>UrlTopic1</title>
    </topic>
  </topics>
</source>
```

PUT Response in XML Format

Returns the URL Monitoring source object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
</source>
```

```

        <action>
          <href>api/projects/1/deploy</href>
          <rel>deploy</rel>
          <title>Deploy</title>
          <type>POST</type>
        </action>
        <action>
          <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff/schedules</
href>
          <rel>createSchedule</rel>
          <title>Create Schedule</title>
          <type>POST</type>
        </action>
      </actions>
      <id>273b895c-c967-4f6b-ac86-f84b201bdaff</id>
      <links/>
      <name>UrlSource1</name>
      <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
      </owningProject>
      <self>
        <href>api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff</href>
        <id>273b895c-c967-4f6b-ac86-f84b201bdaff</id>
        <rel>self</rel>
        <title>UrlSource1</title>
      </self>
      <valid>true</valid>
      <createDate/>
      <createdBy>Administrator</createdBy>
      <deployState>DRAFT</deployState>
      <deployable>true</deployable>
      <force>false</force>
      <lastModifiedDate/>
      <predefined>false</predefined>
      <type>sources</type>
      <config>
        <entry>
          <key>markerId</key>
          <value/>
        </entry>
        <entry>
          <key>propertyMetadataMap</key>
          <value>*</value>
        </entry>
        <entry>
          <key>url</key>
          <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
        </entry>
      </config>
      <marshaller>
        <marshallerProperties/>
        <marshallerThreadsafe>false</marshallerThreadsafe>
      </marshaller>
      <schedulable>true</schedulable>
      <sourceType>http</sourceType>
      <sourceTypeDisplayName>URL Monitoring Source</sourceTypeDisplayName>
      <topics>
        <topic>
          <href>api/projects/1/topics/b520f860-dd9f-4d46-bb69-72247e4c7ded</href>
          <id>b520f860-dd9f-4d46-bb69-72247e4c7ded</id>
          <objectType>topics</objectType>
          <title>UrlTopic1</title>
        </topic>
      </topics>
    </source>

```

Response Code : 200 OK

Delete URL Monitoring Source

Use the DELETE method to delete a URL Monitoring source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a URL monitoring source in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a URL monitoring source in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/sources/273b895c-c967-4f6b-ac86-f84b201bdaff
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

Web Page Monitoring Source

Use the examples to create, update, or delete a web page monitoring source.

Create Web Page Monitoring Source

Use the POST method to update a Web Page Monitoring source in RulePoint.

POST Request in JSON Format

To create a Web Page Monitoring source in a RulePoint application, generate the following POST request:

```
POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "WebMonitorSource1",
  "valid": true,
  "sourceType": "http_monitor",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1",
      "title": "WebMonitorTopic1",
      "objectType": "topics",
      "id": "708cb0ee-c8c3-4265-93a3-bb282258acc1"
    }
  ],
  "config": {
    "markerId": null,
    "propertyMetadataMap": "",
    "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
  }
}
```



```

    },
    "marshaller": {
        "marshallerClassName": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

POST Response in JSON Format

Returns the Web Page Monitoring source object and response code 201 OK. Returns the error object if an error occurs.

```

{
    "id": "307e9a44-9768-4922-b29b-ae09053cd7e9",
    "name": "WebMonitorSource1",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9",
        "title": "WebMonitorSource1",
        "id": "307e9a44-9768-4922-b29b-ae09053cd7e9"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "deploy",
            "href": "api/projects/1/deploy",
            "type": "POST",
            "title": "Deploy"
        },
        {
            "rel": "createSchedule",
            "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/
schedules",
            "type": "POST",
            "title": "Create Schedule"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "sources",
    "lastModifiedDate": "2013-09-13T21:20:22+05:30",
    "createDate": "2013-09-13T16:10:38+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "sourceType": "http_monitor",

```

```

"sourceTypeDisplayName": "Web Page Monitor",
"schedulable": true,
"config": {
  "markerId": "",
  "propertyMetadataMap": "*",
  "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
},
"topics": [
  {
    "href": "api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1",
    "title": "WebMonitorTopic1",
    "objectType": "topics",
    "id": "708cb0ee-c8c3-4265-93a3-bb282258acc1"
  }
],
"marshaller": {
  "marshallerClassname": null,
  "marshallerProperties": {},
  "marshallerThreadsafe": false
}
}

```

Response Code: 201 Created

POST Request in XML Format

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>WebMonitorSource1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <schedules>
    <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/schedules/
4167</href>
    <id>4167</id>
    <rel>schedules</rel>
  </schedules>
  <sourceType>http_monitor</sourceType>
  <topics>
    <topic>
      <href>api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1</href>
      <id>708cb0ee-c8c3-4265-93a3-bb282258acc1</id>
      <objectType>topics</objectType>
      <title>WebMonitorTopic1</title>
    </topic>
  </topics>
</source>

```

```

    </topics>
  </source>

```

POST Response in XML Format

Returns the Web Page Monitoring source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
    <action>
      <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>307e9a44-9768-4922-b29b-ae09053cd7e9</id>
  <links/>
  <name>WebMonitorSource1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9</href>
    <id>307e9a44-9768-4922-b29b-ae09053cd7e9</id>
    <rel>self</rel>
    <title>WebMonitorSource1</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>sources</type>
  <config>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
  </config>

```

```

    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
    </entry>
  </config>
</marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<sourceType>http_monitor</sourceType>
<sourceTypeDisplayName>Web Page Monitor</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1</href>
    <id>708cb0ee-c8c3-4265-93a3-bb282258acc1</id>
    <objectType>topics</objectType>
    <title>WebMonitorTopic1</title>
  </topic>
</topics>
</source>

```

Response Code : 201 Created

Update Web Page Monitoring Source

Use the PUT method to update a Web Page Monitoring source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a Web Page Monitoring source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/307e9a44-9768-4922-b29b-
ae09053cd7e9
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "MyWebPageMonitorSource",
  "valid": true,
  "sourceType": "http_monitor",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1",
      "title": "WebMonitorTopic1",
      "objectType": "topics",
      "id": "708cb0ee-c8c3-4265-93a3-bb282258acc1"
    }
  ],
  "config": {
    "markerId": null,
    "propertyMetadataMap": "*",
    "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}

```

```
    }
}
```

PUT Response in JSON Format

Returns the Web Page Monitoring source object and source code. Returns the error object if an error occurs.

```
{
  "id": "307e9a44-9768-4922-b29b-ae09053cd7e9",
  "name": "MyWebPageMonitorSource",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9",
    "title": "MyWebPageMonitorSource",
    "id": "307e9a44-9768-4922-b29b-ae09053cd7e9"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createSchedule",
      "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/
schedules",
      "type": "POST",
      "title": "Create Schedule"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "sources",
  "lastModifiedDate": "2013-09-13T21:20:22+05:30",
  "createDate": "2013-09-13T16:10:38+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "sourceType": "http_monitor",
  "sourceTypeDisplayName": "Web Page Monitor",
  "schedulable": true,
  "config": {
    "markerId": "",
    "propertyMetadataMap": "*",
    "url": "http://invr28cep46:8080/CepQeRestServices/current_time"
  }
}
```

```

    },
    "topics": [
      {
        "href": "api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1",
        "title": "WebMonitorTopic1",
        "objectType": "topics",
        "id": "708cb0ee-c8c3-4265-93a3-bb282258acc1"
      }
    ],
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a Web Page Monitoring source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/307e9a44-9768-4922-b29b-
ae09053cd7e9
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>WebMonitorSource1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <schedules>
    <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/schedules/
4167</href>
    <id>4167</id>
    <rel>schedules</rel>
  </schedules>
  <sourceType>http_monitor</sourceType>
  <topics>
    <topic>
      <href>api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1</href>
      <id>708cb0ee-c8c3-4265-93a3-bb282258acc1</id>
      <objectType>topics</objectType>
      <title>WebMonitorTopic1</title>
    </topic>
  </topics>
</source>

```

PUT Response in XML Format

Returns the Web Page Monitoring source object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
    <action>
      <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>307e9a44-9768-4922-b29b-ae09053cd7e9</id>
  <links/>
  <name>WebMonitorSource1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/sources/307e9a44-9768-4922-b29b-ae09053cd7e9</href>
    <id>307e9a44-9768-4922-b29b-ae09053cd7e9</id>
    <rel>self</rel>
    <title>WebMonitorSource1</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>sources</type>
  <config>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
```

```

        <value>*</value>
      </entry>
    <entry>
      <key>url</key>
      <value>http://invr28cep46:8080/CepQeRestServices/current_time</value>
    </entry>
  </config>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>>false</marshallerThreadsafe>
</marshaller>
<schedulable>>true</schedulable>
<sourceType>http_monitor</sourceType>
<sourceTypeDisplayName>Web Page Monitor</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/708cb0ee-c8c3-4265-93a3-bb282258acc1</href>
    <id>708cb0ee-c8c3-4265-93a3-bb282258acc1</id>
    <objectType>topics</objectType>
    <title>WebMonitorTopic1</title>
  </topic>
</topics>
</source>

```

Response Code : 200 OK

Delete Web Page Monitoring Source

Use the DELETE method to delete a Web Page Monitoring source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a Web Page Monitoring source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/sources/307e9a44-9768-4922-b29b-
ae09053cd7e9
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a Web Page Monitoring source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/sources/307e9a44-9768-4922-b29b-
ae09053cd7e9
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

Web Service Source

Use the examples to create, update, or delete a web service source.

Create Web Service Source

Use the POST method to create a Web Service source in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a web service source in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "WSSource2",
  "valid": true,
  "sourceType": "WebSourceService",
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "title": "WsConnection1",
    "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
  },
  "topics": [
    {
      "href": "api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1",
      "title": "WSTopic1",
      "objectType": "topics",
      "id": "8cf9d31e-abd8-4045-89a9-f6d2206ce7a1"
    }
  ],
  "config": {
    "serviceName": "HelloWorldServices",
    "operation": "hello",
    "inputParameters": "hello.name=Rama",
    "xpathExpr": "//return",
    "markerId": "",
    "propertyMetadataMap": ""
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

POST Response in JSON Format

Returns the Web Service source object and response code. Returns the error object if an error occurs.

```
{
  "id": "c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
  "name": "WSSource2",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
    "title": "WSSource2",
    "id": "c00cb582-cdba-4fc6-98a0-af2e066d4dc1"
  },
}
```

```

"actions": [
  {
    "rel": "update",
    "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
    "type": "PUT",
    "title": "Edit"
  },
  {
    "rel": "delete",
    "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
    "type": "DELETE",
    "title": "Delete"
  },
  {
    "rel": "deploy",
    "href": "api/projects/1/deploy",
    "type": "POST",
    "title": "Deploy"
  },
  {
    "rel": "createSchedule",
    "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/
schedules",
    "type": "POST",
    "title": "Create Schedule"
  }
],
"acl": {
  "rel": "acl",
  "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/acl",
  "title": "acl"
},
"owningProject": {
  "rel": "owningProject",
  "href": "api/projects/1",
  "title": "Default Project",
  "id": "1"
},
"type": "sources",
"lastModifiedDate": "2013-09-13T16:45:12+05:30",
"createDate": "2013-09-13T16:10:38+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"sourceType": "WebSourceService",
"sourceTypeDisplayName": "Web Service Source",
"schedulable": true,
"config": {
  "operation": "hello",
  "inputParameters": "hello.name=Rama",
  "markerId": "",
  "xpathExpr": "//return",
  "propertyMetadataMap": "",
  "serviceName": "HelloWorldServices"
},
"topics": [
  {
    "href": "api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1",
    "title": "WSTopic1",
    "objectType": "topics",
    "id": "8cf9d31e-abd8-4045-89a9-f6d2206ce7a1"
  }
],
"connection": {
  "rel": "connection",
  "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
  "title": "WsConnection1",
  "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
}

```

```

    },
    "schedules": [
      {
        "rel": "schedules",
        "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/
schedules/4163",
        "id": "4163"
      }
    ],
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a web service source in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>WSSource2</name>
  <type>sources</type>
  <config>
    <entry>
      <key>operation</key>
      <value>hello</value>
    </entry>
    <entry>
      <key>inputParameters</key>
      <value>hello.name=Rama</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>xpathExpr</key>
      <value>//return</value>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>serviceName</key>
      <value>HelloWorldServices</value>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
    <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
    <rel>connection</rel>
    <title>WsConnection1</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
</source>

```

```

    <schedules>
      <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/schedules/
4163</href>
      <id>4163</id>
      <rel>schedules</rel>
    </schedules>
    <sourceType>WebSourceService</sourceType>
    <topics>
      <topic>
        <href>api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</href>
        <id>8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</id>
        <objectType>topics</objectType>
        <title>WSTopic1</title>
      </topic>
    </topics>
  </source>

```

POST Response in XML Format

Returns the Web Service source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
    <action>
      <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>c00cb582-cdba-4fc6-98a0-af2e066d4dc1</id>
  <links/>
  <name>WSSource2</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1</href>
    <id>c00cb582-cdba-4fc6-98a0-af2e066d4dc1</id>
    <rel>self</rel>
    <title>WSSource2</title>
  </self>
  <valid>true</valid>

```

```

<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<config>
  <entry>
    <key>operation</key>
    <value>hello</value>
  </entry>
  <entry>
    <key>inputParameters</key>
    <value>hello.name=Rama</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>xpathExpr</key>
    <value>//return</value>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
    <value>*</value>
  </entry>
  <entry>
    <key>serviceName</key>
    <value>HelloWorldServices</value>
  </entry>
</config>
<connection>
  <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
  <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
  <rel>connection</rel>
  <title>WsConnection1</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<schedules>
  <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/schedules/
4163</href>
  <id>4163</id>
  <rel>schedules</rel>
</schedules>
<sourceType>WebSourceService</sourceType>
<sourceTypeDisplayName>Web Service Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</href>
    <id>8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</id>
    <objectType>topics</objectType>
    <title>WSTopic1</title>
  </topic>
</topics>
</source>

```

Response Code: 201 Created

Update Web Service Source

Use the PUT method to update a Web Service source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a web service source in a RulePoint application:

```
PUT http://localhost:8080/rulepoint/api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "name": "MyWebServiceSource",
  "valid": true,
  "sourceType": "WebSourceService",
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "title": "WsConnection1",
    "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
  },
  "topics": [
    {
      "href": "api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1",
      "title": "WSTopic1",
      "objectType": "topics",
      "id": "8cf9d31e-abd8-4045-89a9-f6d2206ce7a1"
    }
  ],
  "config": {
    "serviceName": "HelloWorldServices",
    "operation": "hello",
    "inputParameters": "hello.name=Rama",
    "xpathExpr": "//return",
    "markerId": "",
    "propertyMetadataMap": ""
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

PUT Response in JSON Format

Returns the Web Service source object and source code 200 OK. Returns the error object if an error occurs.

```
{
  "id": "c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
  "name": "MyWebServiceSource",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
    "title": "MyWebServiceSource",
    "id": "c00cb582-cdba-4fc6-98a0-af2e066d4dc1"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
      "type": "PUT",
      "title": "Edit"
    }
  ]
}
```

```

    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createSchedule",
      "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/
schedules",
      "type": "POST",
      "title": "Create Schedule"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "sources",
  "lastModifiedDate": "2013-09-13T16:45:12+05:30",
  "createDate": "2013-09-13T16:10:38+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "sourceType": "WebSourceService",
  "sourceTypeDisplayName": "Web Service Source",
  "schedulable": true,
  "config": {
    "operation": "hello",
    "inputParameters": "hello.name=Rama",
    "markerId": "",
    "xpathExpr": "//return",
    "propertyMetadataMap": "",
    "serviceName": "HelloWorldServices"
  },
  "topics": [
    {
      "href": "api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1",
      "title": "WSTopic1",
      "objectType": "topics",
      "id": "8cf9d31e-abd8-4045-89a9-f6d2206ce7a1"
    }
  ],
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "title": "WsConnection1",
    "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
  },
  "schedules": [
    {
      "rel": "schedules",
      "href": "api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/
schedules/4163",

```

```

        "id": "4163"
    }
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a web service source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>WSSource2</name>
  <type>sources</type>
  <config>
    <entry>
      <key>operation</key>
      <value>hello</value>
    </entry>
    <entry>
      <key>inputParameters</key>
      <value>hello.name=Rama</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>xpathExpr</key>
      <value>//return</value>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
      <value>*</value>
    </entry>
    <entry>
      <key>serviceName</key>
      <value>HelloWorldServices</value>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
    <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
    <rel>connection</rel>
    <title>WsConnection1</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <schedulable>true</schedulable>
  <schedules>
    <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/schedules/4163</href>
    <id>4163</id>
    <rel>schedules</rel>
  </schedules>
</source>

```



```

</schedules>
<sourceType>WebSourceService</sourceType>
<topics>
  <topic>
    <href>api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</href>
    <id>8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</id>
    <objectType>topics</objectType>
    <title>WSTopic1</title>
  </topic>
</topics>
</source>

```

PUT Response in XML Format

Returns the Web Service source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
    <action>
      <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>c00cb582-cdba-4fc6-98a0-af2e066d4dc1</id>
  <links/>
  <name>WSSource2</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1</href>
    <id>c00cb582-cdba-4fc6-98a0-af2e066d4dc1</id>
    <rel>self</rel>
    <title>WSSource2</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <force>false</force>

```

```

<lastModifiedDate/>
<predefined>>false</predefined>
<type>sources</type>
<config>
  <entry>
    <key>operation</key>
    <value>hello</value>
  </entry>
  <entry>
    <key>inputParameters</key>
    <value>hello.name=Rama</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>xpathExpr</key>
    <value>//return</value>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
    <value>*</value>
  </entry>
  <entry>
    <key>serviceName</key>
    <value>HelloWorldServices</value>
  </entry>
</config>
<connection>
  <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
  <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
  <rel>connection</rel>
  <title>WsConnection1</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<schedules>
  <href>api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1/schedules/
4163</href>
  <id>4163</id>
  <rel>schedules</rel>
</schedules>
<sourceType>WebSourceService</sourceType>
<sourceTypeDisplayName>Web Service Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</href>
    <id>8cf9d31e-abd8-4045-89a9-f6d2206ce7a1</id>
    <objectType>topics</objectType>
    <title>WSTopic1</title>
  </topic>
</topics>
</source>

```

Response Code: 200 OK

Delete Web Service Source

Use the DELETE method to delete a Web Service source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a web service source in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a web service source in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/sources/c00cb582-cdba-4fc6-98a0-af2e066d4dc1
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

Event Generator Source

Use the examples to create, update, or delete an event generator source.

Create Event Generator Source

Use the POST method to create an event generator source in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an event generator source in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/65536/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "EventGenerator1",
  "valid": true,
  "sourceType": "EventGeneratorSource",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29",
      "title": "event_gen_topic1",
      "objectType": "topics",
      "id": "5aeb5a2d-99dd-412b-be50-954e2e290b29"
    },
    {
      "href": "api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af",
      "title": "event_gen_topic2",

```

```

        "objectType": "topics",
        "id": "c7f1ffe2-3cd6-469a-bb4e-97d63287a1af"
    }
},
"config": {
    "rate": "1",
    "eventFilePath": "notest.xml",
    "iterations": "1",
    "dateFormat": "EEE, d MMM yyyy HH:mm:ss Z",
    "markerId": null,
    "delay": "-1",
    "propertyMetadataMap": null,
    "postAction": "do nothing"
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

POST Response in JSON Format

Returns the event generator source object and response code. Returns the error object if an error occurs.

```

{
    "id": "36c660c6-4abf-493f-a268-81f7890d0ae4",
    "name": "EventGenerator1",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4",
        "title": "EventGenerator1",
        "id": "36c660c6-4abf-493f-a268-81f7890d0ae4"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "deploy",
            "href": "api/projects/65536/deploy",
            "type": "POST",
            "title": "Deploy"
        },
        {
            "rel": "createSchedule",
            "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/
schedules",
            "type": "POST",
            "title": "Create Schedule"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/65536",

```

```

        "title": "docproj",
        "id": "65536"
    },
    "type": "sources",
    "lastModifiedDate": "2013-09-19T12:26:42+05:30",
    "createDate": "2013-09-19T12:17:10+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "sourceType": "EventGeneratorSource",
    "sourceTypeDisplayName": "Event Generator Source",
    "schedulable": true,
    "config": {
        "rate": "1",
        "eventFilePath": "notest.xml",
        "iterations": "1",
        "dateFormat": "EEE, d MMM yyyy HH:mm:ss Z",
        "markerId": "",
        "delay": "-1",
        "propertyMetadataMap": null,
        "postAction": "do nothing"
    },
    "topics": [
        {
            "href": "api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29",
            "title": "event_gen_topic1",
            "objectType": "topics",
            "id": "5aeb5a2d-99dd-412b-be50-954e2e290b29"
        },
        {
            "href": "api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af",
            "title": "event_gen_topic2",
            "objectType": "topics",
            "id": "c7f1ffe2-3cd6-469a-bb4e-97d63287a1af"
        }
    ],
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an event generator source in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/65536/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>EventGenerator1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>rate</key>
      <value>1</value>
    </entry>
    <entry>
      <key>eventFilePath</key>
      <value>notest.xml</value>
    </entry>
  </config>
</source>

```

```

    </entry>
    <entry>
      <key>iterations</key>
      <value>1</value>
    </entry>
    <entry>
      <key>dateFormat</key>
      <value>EEE, d MMM yyyy HH:mm:ss Z</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>delay</key>
      <value>-1</value>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
    </entry>
    <entry>
      <key>postAction</key>
      <value>do nothing</value>
    </entry>
  </config>
</marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<sourceType>EventGeneratorSource</sourceType>
<topics>
  <topic>
    <href>api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29</href>
    <id>5aeb5a2d-99dd-412b-be50-954e2e290b29</id>
    <objectType>topics</objectType>
    <title>event_gen_topic1</title>
  </topic>
  <topic>
    <href>api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</href>
    <id>c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</id>
    <objectType>topics</objectType>
    <title>event_gen_topic2</title>
  </topic>
</topics>
</source>

```

POST Response in XML Format

Returns the event generator source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>

```

```

        <href>api/projects/65536/deploy</href>
        <rel>deploy</rel>
        <title>Deploy</title>
        <type>POST</type>
    </action>
    <action>
        <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/
schedules</href>
        <rel>createSchedule</rel>
        <title>Create Schedule</title>
        <type>POST</type>
    </action>
</actions>
<id>36c660c6-4abf-493f-a268-81f7890d0ae4</id>
<links/>
<name>EventGenerator1</name>
<owningProject>
    <href>api/projects/65536</href>
    <id>65536</id>
    <rel>owningProject</rel>
    <title>docproj</title>
</owningProject>
<self>
    <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4</href>
    <id>36c660c6-4abf-493f-a268-81f7890d0ae4</id>
    <rel>self</rel>
    <title>EventGenerator1</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<config>
    <entry>
        <key>rate</key>
        <value>1</value>
    </entry>
    <entry>
        <key>eventFilePath</key>
        <value>notest.xml</value>
    </entry>
    <entry>
        <key>iterations</key>
        <value>1</value>
    </entry>
    <entry>
        <key>dateFormat</key>
        <value>EEE, d MMM yyyy HH:mm:ss Z</value>
    </entry>
    <entry>
        <key>markerId</key>
        <value/>
    </entry>
    <entry>
        <key>delay</key>
        <value>-1</value>
    </entry>
    <entry>
        <key>propertyMetadataMap</key>
    </entry>
    <entry>
        <key>postAction</key>
        <value>do nothing</value>
    </entry>
</config>

```

```

<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<schedules>
  <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/
schedules/102</href>
  <id>102</id>
  <rel>schedules</rel>
</schedules>
<sourceType>EventGeneratorSource</sourceType>
<sourceTypeDisplayName>Event Generator Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29</href>
    <id>5aeb5a2d-99dd-412b-be50-954e2e290b29</id>
    <objectType>topics</objectType>
    <title>event_gen_topic1</title>
  </topic>
  <topic>
    <href>api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</href>
    <id>c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</id>
    <objectType>topics</objectType>
    <title>event_gen_topic2</title>
  </topic>
</topics>
</source>

```

Response Code : 201 Created

Update Event Generator Source

Use the PUT method to update an event generator source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an event generator source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/65536/sources/36c660c6-4abf-493f-
a268-81f7890d0ae4
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "MyEventGeneratorSrc",
  "valid": true,
  "sourceType": "EventGeneratorSource",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29",
      "title": "event_gen_topic1",
      "objectType": "topics",
      "id": "5aeb5a2d-99dd-412b-be50-954e2e290b29"
    },
    {
      "href": "api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af",
      "title": "event_gen_topic2",
      "objectType": "topics",
      "id": "c7f1ffe2-3cd6-469a-bb4e-97d63287a1af"
    }
  ],
  "config": {
    "rate": "1",

```



```

        "eventFilePath": "notest.xml",
        "iterations": "1",
        "dateFormat": "EEE, d MMM yyyy HH:mm:ss Z",
        "markerId": null,
        "delay": "-1",
        "propertyMetadataMap": null,
        "postAction": "do nothing"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

PUT Response in JSON Format

Returns the event generator source object and source code. Returns the error object if an error occurs.

```

{
    "id": "36c660c6-4abf-493f-a268-81f7890d0ae4",
    "name": "MyEventGeneratorSrc",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4",
        "title": "MyEventGeneratorSrc",
        "id": "36c660c6-4abf-493f-a268-81f7890d0ae4"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "deploy",
            "href": "api/projects/65536/deploy",
            "type": "POST",
            "title": "Deploy"
        },
        {
            "rel": "createSchedule",
            "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/
schedules",
            "type": "POST",
            "title": "Create Schedule"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/65536",
        "title": "docproj",
        "id": "65536"
    },
    "type": "sources",
    "lastModifiedDate": "2013-09-19T14:09:47+05:30",
    "createDate": "2013-09-19T12:17:10+05:30",

```

```

    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "sourceType": "EventGeneratorSource",
    "sourceTypeDisplayName": "Event Generator Source",
    "schedulable": true,
    "config": {
      "rate": "1",
      "eventFilePath": "notest.xml",
      "iterations": "1",
      "dateFormat": "EEE, d MMM yyyy HH:mm:ss Z",
      "markerId": "",
      "delay": "-1",
      "propertyMetadataMap": null,
      "postAction": "do nothing"
    },
    "topics": [
      {
        "href": "api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29",
        "title": "event_gen_topic1",
        "objectType": "topics",
        "id": "5aeb5a2d-99dd-412b-be50-954e2e290b29"
      },
      {
        "href": "api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af",
        "title": "event_gen_topic2",
        "objectType": "topics",
        "id": "c7f1ffe2-3cd6-469a-bb4e-97d63287a1af"
      }
    ],
    "schedules": [
      {
        "rel": "schedules",
        "href": "api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/schedules/102",
        "id": "102"
      }
    ],
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an event generator source in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>EventGenerator1</name>
  <type>sources</type>
  <config>
    <entry>
      <key>rate</key>
      <value>1</value>
    </entry>
  </config>
</source>

```

```

    <entry>
      <key>eventFilePath</key>
      <value>notest.xml</value>
    </entry>
    <entry>
      <key>iterations</key>
      <value>1</value>
    </entry>
    <entry>
      <key>dateFormat</key>
      <value>EEE, d MMM yyyy HH:mm:ss Z</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>delay</key>
      <value>-1</value>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
    </entry>
    <entry>
      <key>postAction</key>
      <value>do nothing</value>
    </entry>
  </config>
</marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<sourceType>EventGeneratorSource</sourceType>
<topics>
  <topic>
    <href>api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29</href>
    <id>5aeb5a2d-99dd-412b-be50-954e2e290b29</id>
    <objectType>topics</objectType>
    <title>event_gen_topic1</title>
  </topic>
  <topic>
    <href>api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</href>
    <id>c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</id>
    <objectType>topics</objectType>
    <title>event_gen_topic2</title>
  </topic>
</topics>
</source>

```

PUT Response in XML Format

Returns the event generator source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4</href>
      <rel>delete</rel>
      <title>Delete</title>
    </action>
  </actions>
</source>

```

```

        <type>DELETE</type>
    </action>
    <action>
        <href>api/projects/65536/deploy</href>
        <rel>deploy</rel>
        <title>Deploy</title>
        <type>POST</type>
    </action>
    <action>
        <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/
schedules</href>
        <rel>createSchedule</rel>
        <title>Create Schedule</title>
        <type>POST</type>
    </action>
</actions>
<id>36c660c6-4abf-493f-a268-81f7890d0ae4</id>
<links/>
<name>EventGenerator1</name>
<owningProject>
    <href>api/projects/65536</href>
    <id>65536</id>
    <rel>owningProject</rel>
    <title>docproj</title>
</owningProject>
<self>
    <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4</href>
    <id>36c660c6-4abf-493f-a268-81f7890d0ae4</id>
    <rel>self</rel>
    <title>EventGenerator1</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<config>
    <entry>
        <key>rate</key>
        <value>1</value>
    </entry>
    <entry>
        <key>eventFilePath</key>
        <value>notest.xml</value>
    </entry>
    <entry>
        <key>iterations</key>
        <value>1</value>
    </entry>
    <entry>
        <key>dateFormat</key>
        <value>EEE, d MMM yyyy HH:mm:ss Z</value>
    </entry>
    <entry>
        <key>markerId</key>
        <value/>
    </entry>
    <entry>
        <key>delay</key>
        <value>-1</value>
    </entry>
    <entry>
        <key>propertyMetadataMap</key>
    </entry>
    <entry>
        <key>postAction</key>

```

```

        <value>do nothing</value>
      </entry>
    </config>
    <marshaller>
      <marshallerProperties/>
      <marshallerThreadsafe>>false</marshallerThreadsafe>
    </marshaller>
    <schedulable>true</schedulable>
    <schedules>
      <href>api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4/schedules/102</href>
      <id>102</id>
      <rel>schedules</rel>
    </schedules>
    <sourceType>EventGeneratorSource</sourceType>
    <sourceTypeDisplayName>Event Generator Source</sourceTypeDisplayName>
    <topics>
      <topic>
        <href>api/projects/65536/topics/5aeb5a2d-99dd-412b-be50-954e2e290b29</href>
        <id>5aeb5a2d-99dd-412b-be50-954e2e290b29</id>
        <objectType>topics</objectType>
        <title>event_gen_topic1</title>
      </topic>
      <topic>
        <href>api/projects/65536/topics/c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</href>
        <id>c7f1ffe2-3cd6-469a-bb4e-97d63287a1af</id>
        <objectType>topics</objectType>
        <title>event_gen_topic2</title>
      </topic>
    </topics>
  </source>

```

Response Code : 200 OK

Delete Event Generator Source

Use the DELETE method to delete an event generator source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an event generator source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an event generator source in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/projects/65536/sources/36c660c6-4abf-493f-a268-81f7890d0ae4
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

File Input Source

Use the examples to create, update, or delete a file input source.

Create File Input Source

Use the POST method to create a file input source in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a file input source in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/4/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "fileInputSource",
  "description": "",
  "valid": true,
  "sourceType": "FileSource",
  "connection": null,
  "topics": [
    {
      "rel": "self",
      "href": "api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e",
      "title": "topic1",
      "id": "9dfc93ff-52dd-4cd0-893c-33bd8640351e"
    }
  ],
  "config": {
    "file": "C:\\workspace\\stock_records.txt",
    "mode": "new",
    "markerId": null,
    "propertyMetadataMap": null
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {}
  }
}
```

POST Response in JSON Format

Returns the file input source object and response code. Returns the error object if an error occurs.

```
{
  "id": "cab9669c-clac-4ab0-9c75-3a82351f45f0",
  "name": "fileInputSource",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0",
    "title": "fileInputSource",
    "id": "cab9669c-clac-4ab0-9c75-3a82351f45f0"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0",
      "type": "PUT",
      "title": "Edit"
    }
  ]
}
```

```

    {
      "rel": "delete",
      "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "createSchedule",
      "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/
schedules",
      "type": "POST",
      "title": "Create Schedule"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "sources",
  "lastModifiedDate": "2013-09-19T17:29:23+05:30",
  "createDate": "2013-09-19T17:29:23+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "dtError": "There are no schedules attached to this Source",
  "sourceType": "FileSource",
  "sourceTypeDisplayName": "File Source",
  "schedulable": true,
  "config": {
    "file": "C:\\workspace\\stock_records.txt",
    "markerId": "",
    "propertyMetadataMap": null,
    "mode": "new"
  },
  "topics": [
    {
      "href": "api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e",
      "title": "topic1",
      "objectType": "topics",
      "id": "9dfc93ff-52dd-4cd0-893c-33bd8640351e"
    }
  ],
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": null,
    "marshallerThreadsafe": false
  }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a file input source in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>fileInputSource</name>
  <type>sources</type>
  <config>
    <entry>
      <key>file</key>
      <value>C:\workspace\stock_records.txt</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
    <entry>
      <key>propertyMetadataMap</key>
    </entry>
    <entry>
      <key>mode</key>
      <value>new</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <sourceType>FileSource</sourceType>
  <topics>
    <topic>
      <href>api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e</href>
      <id>9dfc93ff-52dd-4cd0-893c-33bd8640351e</id>
      <objectType>topics</objectType>
      <title>topic1</title>
    </topic>
  </topics>
</source>
```

POST Response in XML Format

Returns the file input source object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>cab9669c-clac-4ab0-9c75-3a82351f45f0</id>
```



```

<links/>
<name>fileInputSource</name>
<owningProject>
  <href>api/projects/1</href>
  <id>1</id>
  <rel>owningProject</rel>
  <title>Default Project</title>
</owningProject>
<self>
  <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0</href>
  <id>cab9669c-clac-4ab0-9c75-3a82351f45f0</id>
  <rel>self</rel>
  <title>fileInputSource</title>
</self>
<valid>false</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<dtError>There are no schedules attached to this Source</dtError>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<config>
  <entry>
    <key>file</key>
    <value>C:\workspace\stock_records.txt</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
  </entry>
  <entry>
    <key>mode</key>
    <value>new</value>
  </entry>
</config>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<sourceType>FileSource</sourceType>
<sourceTypeDisplayName>File Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e</href>
    <id>9dfc93ff-52dd-4cd0-893c-33bd8640351e</id>
    <objectType>topics</objectType>
    <title>topic1</title>
  </topic>
</topics>
</source>

```

Response Code : 201 Created

Update File Input Source

Use the PUT method to update a file input source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a file input source in a RulePoint application:

```
PUT http://invrw28cep14:8080/rulepoint/api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "name": "MyFileInputSource",
  "valid": true,
  "sourceType": "FileSource",
  "connection": null,
  "topics": [
    {
      "href": "api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e",
      "title": "topic1",
      "objectType": "topics",
      "id": "9dfc93ff-52dd-4cd0-893c-33bd8640351e"
    }
  ],
  "config": {
    "file": "C:\\workspace\\stock_records.txt",
    "markerId": null,
    "propertyMetadataMap": null,
    "mode": "new"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

PUT Response in JSON Format

Returns the file input source object and source code. Returns the error object if an error occurs.

```
{
  "id": "cab9669c-clac-4ab0-9c75-3a82351f45f0",
  "name": "MyFileInputSource",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0",
    "title": "MyFileInputSource",
    "id": "cab9669c-clac-4ab0-9c75-3a82351f45f0"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0",
      "type": "DELETE",
      "title": "Delete"
    }
  ]
}
```

```

    {
      "rel": "createSchedule",
      "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/
schedules",
      "type": "POST",
      "title": "Create Schedule"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "sources",
  "lastModifiedDate": "2013-09-19T17:36:18+05:30",
  "createDate": "2013-09-19T17:29:23+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "dtError": "There are no schedules attached to this Source",
  "sourceType": "FileSource",
  "sourceTypeDisplayName": "File Source",
  "schedulable": true,
  "config": {
    "file": "C:\\workspace\\stock_records.txt",
    "markerId": "",
    "propertyMetadataMap": null,
    "mode": "new"
  },
  "topics": [
    {
      "href": "api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e",
      "title": "topic1",
      "objectType": "topics",
      "id": "9dfc93ff-52dd-4cd0-893c-33bd8640351e"
    }
  ],
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a file input source in a RulePoint application:

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/sources/cab9669c-
clac-4ab0-9c75-3a82351f45f0
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>fileInputSource</name>
  <type>sources</type>

```

```

<config>
  <entry>
    <key>file</key>
    <value>C:\workspace\stock_records.txt</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
  </entry>
  <entry>
    <key>mode</key>
    <value>new</value>
  </entry>
</config>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<sourceType>FileSource</sourceType>
<topics>
  <topic>
    <href>api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e</href>
    <id>9dfc93ff-52dd-4cd0-893c-33bd8640351e</id>
    <objectType>topics</objectType>
    <title>topic1</title>
  </topic>
</topics>
</source>

```

PUT Response in XML Format

Returns the file input source object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>cab9669c-clac-4ab0-9c75-3a82351f45f0</id>
  <links/>
  <name>fileInputSource</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
  </owningProject>

```

```

        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/sources/cab9669c-clac-4ab0-9c75-3a82351f45f0</href>
        <id>cab9669c-clac-4ab0-9c75-3a82351f45f0</id>
        <rel>self</rel>
        <title>fileInputSource</title>
    </self>
    <valid>false</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <dtError>There are no schedules attached to this Source</dtError>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>sources</type>
    <config>
        <entry>
            <key>file</key>
            <value>C:\workspace\stock_records.txt</value>
        </entry>
        <entry>
            <key>markerId</key>
            <value/>
        </entry>
        <entry>
            <key>propertyMetadataMap</key>
        </entry>
        <entry>
            <key>mode</key>
            <value>new</value>
        </entry>
    </config>
    <marshaller>
        <marshallerProperties/>
        <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <schedulable>true</schedulable>
    <sourceType>FileSource</sourceType>
    <sourceTypeDisplayName>File Source</sourceTypeDisplayName>
    <topics>
        <topic>
            <href>api/projects/1/topics/9dfc93ff-52dd-4cd0-893c-33bd8640351e</href>
            <id>9dfc93ff-52dd-4cd0-893c-33bd8640351e</id>
            <objectType>topics</objectType>
            <title>topic1</title>
        </topic>
    </topics>
</source>

```

Response Code : 200 OK

Delete File Input Source

Use the DELETE method to delete a file input source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a file input source in a RulePoint application:

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/sources/cab9669c-
clac-4ab0-9c75-3a82351f45f0
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a file input source in a RulePoint application:

```
DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/sources/cab9669c-
clac-4ab0-9c75-3a82351f45f0
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

Schedule

You can create a dynamic or static schedule for a source.

Static Schedule

You can create, update, or delete a static schedule for a source.

You can create a static schedule by using one of the following combinations:

- Run every 120000 ms from a start date.

```
{ "scheduleType": "STATIC", "startDate": "2013-09-26T12:14:59+0530", "isScheduledForSpecificDaysOfWeek": false, "repeatInterval": "120000" }
```

- Run 10 times from a start date, every 120000 ms.

```
{ "scheduleType": "STATIC", "startDate": "2013-09-26T12:16:25+0530", "isScheduledForSpecificDaysOfWeek": false, "repeatInterval": "120000", "numRuns": "10" }
```

- Run every 120000 ms from a start date to a specified end date and time.

```
{ "scheduleType": "STATIC", "startDate": "2013-09-26T12:18:40+0530", "isScheduledForSpecificDaysOfWeek": false, "repeatInterval": "120000", "endDate": "2013-09-26T19:30:00+0530" }
```

- Run every Monday and Tuesday.

```
{ "scheduleType": "STATIC", "startDate": "2013-09-26T12:19:36+0530", "isScheduledForSpecificDaysOfWeek": true, "days": [ "Mon", "Tue" ] }
```

- Run every Monday and Tuesday, during a period between the specified start date and end date.

```
{ "scheduleType": "STATIC", "startDate": "2013-09-26T12:20:15+0530", "isScheduledForSpecificDaysOfWeek": true, "days": [ "Mon", "Tue" ], "endDate": "2013-11-29T19:30:00+0530" }
```

Create Static Schedule for a Source

Use the POST method to create a static schedule for a source.

POST Request in JSON Format

To create a static schedule for a source in a RulePoint application, generate the following POST request:

```
POST http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "startDate": "2014-01-22T09:48:52+0530",
  "endDate": "2014-01-22T09:53:52+0530",
  "repeatInterval": 5000,
  "isScheduledForSpecificDaysOfWeek": false,
  "scheduleType": "STATIC"
}
```

POST Response in JSON Format

Returns the schedule object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "id": "1997",
  "self": {
    "rel": "self",
    "href": "/api/projects/140/sources/0e923d83-0ac3-4f18-9979-f64159798992/schedules/1997",
    "id": "1997"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/projects/140/sources/0e923d83-0ac3-4f18-9979-f64159798992/schedules/1997",
      "type": "PUT"
    },
    {
      "rel": "delete",
      "href": "/api/projects/140/sources/0e923d83-0ac3-4f18-9979-f64159798992/schedules/1997",
      "type": "DELETE"
    }
  ],
  "scheduleType": "STATIC",
  "runState": "ACTIVE",
  "startDate": "2014-01-22T09:48:52+05:30",
  "isScheduledForSpecificDaysOfWeek": false,
  "repeatInterval": 5000,
  "numRuns": 0,
  "endDate": "2014-01-22T09:53:52+05:30"
}
```

Response Code: 201 Created

POST Request in XML Format

```
POST http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <scheduleType>STATIC</scheduleType>
  <startDate>2013-09-25T19:30:00+0530</startDate>
  <endDate>2013-10-30T19:30:00+0530</endDate>
  <isScheduledForSpecificDaysOfWeek>false</isScheduledForSpecificDaysOfWeek>
  <numRuns>0</numRuns>
  <repeatInterval>120000</repeatInterval>
</schedule>
```

POST Response in XML Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <actions>
    <action>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/
schedules/2</href>
      <rel>update</rel>
      <type>PUT</type>
    </action>
    <action>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/
schedules/2</href>
      <rel>delete</rel>
      <type>DELETE</type>
    </action>
  </actions>
  <id>2</id>
  <name/>
  <self>
    <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/2</
href>
    <id>2</id>
    <rel>self</rel>
  </self>
  <endDate>2013-09-30T19:30:00+0530</endDate>
  <isScheduledForSpecificDaysOfWeek>false</isScheduledForSpecificDaysOfWeek>
  <numRuns>0</numRuns>
  <repeatInterval>120000</repeatInterval>
  <runState>ACTIVE</runState>
  <scheduleType>STATIC</scheduleType>
  <startDate>2013-09-25T19:30:00+0530</startDate>
</schedule>
```

Response Code: 201 Created

Update Static Schedule for a Source

Use the PUT method to update a static schedule for a source in RulePoint.

PUT Request in JSON Format

To update a static schedule in a RulePoint application, generate the following PUT request:

```
PUT http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-
cbc365548717/schedules/2
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "scheduleType": "STATIC",
```



```

    "startDate": "2013-09-25T19:30:00+0530",
    "isScheduledForSpecificDaysOfWeek": false,
    "repeatInterval": "60000",
    "endDate": "2013-10-30T19:30:00+0530"
  }

```

PUT Response in JSON Format

Returns the schedule object and source code 200 OK. Returns the error object if an error occurs.

```

{
  "id": "2",
  "self": {
    "rel": "self",
    "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/2",
    "id": "2"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/2",
      "type": "PUT"
    },
    {
      "rel": "delete",
      "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/2",
      "type": "DELETE"
    }
  ],
  "scheduleType": "STATIC",
  "runState": "ACTIVE",
  "startDate": "2013-09-25T19:30:00+0530",
  "isScheduledForSpecificDaysOfWeek": false,
  "repeatInterval": 60000,
  "numRuns": 0,
  "endDate": "2013-09-30T19:30:00+0530"
}

```

Response Code: 200 OK

PUT Request in XML Format

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/2
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <scheduleType>STATIC</scheduleType>
  <startDate>2013-09-26T19:30:00+0530</startDate>
  <endDate>2013-10-30T19:30:00+0530</endDate>
  <isScheduledForSpecificDaysOfWeek>false</isScheduledForSpecificDaysOfWeek>
  <numRuns>0</numRuns>
  <repeatInterval>60000</repeatInterval>
</schedule>

```

PUT Response in XML Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <actions>
    <action>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/

```

```

schedules/2</href>
    <rel>update</rel>
    <type>PUT</type>
  </action>
  <action>
    <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/
schedules/2</href>
    <rel>delete</rel>
    <type>DELETE</type>
  </action>
</actions>
<id>2</id>
<name/>
<self>
  <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/2</
href>
  <id>2</id>
  <rel>self</rel>
</self>
<endDate>2013-09-30T19:30:00+0530</endDate>
<isScheduledForSpecificDaysOfWeek>false</isScheduledForSpecificDaysOfWeek>
<numRuns>0</numRuns>
<repeatInterval>120000</repeatInterval>
<runState>ACTIVE</runState>
<scheduleType>STATIC</scheduleType>
<startDate>2013-09-25T19:30:00+0530</startDate>
</schedule>

```

Response Code: 200 OK

Delete Static Schedule for a Source

Use the DELETE method to delete a static schedule for a source in RulePoint.

DELETE Request in JSON Format

To delete a static schedule in a RulePoint application, generate the following DELETE request:

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-
cbc365548717/schedules/2
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No content

DELETE Request in XML Format

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-
cbc365548717/schedules/2
Accept: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No content

Dynamic Schedule

You can create, update, or delete a dynamic schedule for a source.

Create Dynamic Schedule for a Source

Use the POST method to create a dynamic schedule for a source.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a dynamic schedule for a source in a RulePoint application:

```
POST http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "repeatInterval": "5000",
  "scheduleType": "DYNAMIC"
}
```

POST Response in JSON Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```
{
  "id": "1",
  "self": {
    "rel": "self",
    "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1",
    "id": "1"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1",
      "type": "PUT"
    },
    {
      "rel": "delete",
      "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1",
      "type": "DELETE"
    }
  ],
  "scheduleType": "DYNAMIC",
  "runState": "ACTIVE",
  "repeatInterval": 5000
}
```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a dynamic schedule for a source in a RulePoint application:

```
POST http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules
Accept: application/xml
```

```
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <repeatInterval>5000</repeatInterval>
  <scheduleType>DYNAMIC</scheduleType>
</schedule>
```

POST Response in XML Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <actions>
    <action>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/
schedules/1</href>
      <rel>update</rel>
      <type>PUT</type>
    </action>
    <action>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/
schedules/1</href>
      <rel>delete</rel>
      <type>DELETE</type>
    </action>
  </actions>
  <id>1</id>
  <name/>
  <self>
    <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1</
href>
    <id>1</id>
    <rel>self</rel>
  </self>
  <repeatInterval>5000</repeatInterval>
  <runState>ACTIVE</runState>
  <scheduleType>DYNAMIC</scheduleType>
</schedule>
```

Response Code: 201 Created

Update Dynamic Schedule for a Source

Use the PUT method to update a dynamic schedule for a source in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a dynamic schedule in a RulePoint application:

```
PUT http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-
cbc365548717/schedules/1
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{  "repeatInterval": "15000",    "scheduleType": "DYNAMIC"}
```

PUT Response in JSON Format

Returns the schedule object and source code. Returns the error object if an error occurs.

```
{
  "id": "1",
  "self": {
    "rel": "self",
    "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1",
    "id": "1"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1",
      "type": "PUT"
    },
    {
      "rel": "delete",
      "href": "/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1",
      "type": "DELETE"
    }
  ],
  "scheduleType": "DYNAMIC",
  "runState": "ACTIVE",
  "repeatInterval": 15000
}
```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a dynamic schedule in a RulePoint application:

```
PUT http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <repeatInterval>15000</repeatInterval>
  <scheduleType>DYNAMIC</scheduleType>
</schedule>
```

PUT Response in XML Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<schedule>
  <actions>
    <action>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1</href>
      <rel>update</rel>
      <type>PUT</type>
    </action>
    <action>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1</href>
      <rel>delete</rel>
      <type>DELETE</type>
    </action>
  </actions>
</schedule>
```

```

    </actions>
    <id>1</id>
    <name/>
    <self>
      <href>/api/projects/1/sources/de27147d-22cf-4c62-b7c7-cbc365548717/schedules/1</
href>
      <id>1</id>
      <rel>self</rel>
    </self>
    <repeatInterval>15000</repeatInterval>
    <runState>ACTIVE</runState>
    <scheduleType>DYNAMIC</scheduleType>
  </schedule>

```

Response Code: 200 OK

Delete Dynamic Schedule for a Source

Use the DELETE method to delete a dynamic schedule for a source in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a dynamic schedule in a RulePoint application:

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-
cbc365548717/schedules/1
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a dynamic schedule in a RulePoint application:

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/sources/de27147d-22cf-4c62-b7c7-
cbc365548717/schedules/1
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No content

Responders

You can use API calls to perform various operations with SQL, email, JMS, web service, event transformer, file output, and RTAM responders.

SQL Responder

Use the examples to create, retrieve, update, or delete an SQL responder.

Create SQL Responder

Use the POST method to create an SQL responder in RulePoint.

POST Request in JSON Format

To create an SQL responder in a RulePoint application, generate the following POST request:

```
POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

Returns the SQL responder object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "name": "mysqlresponder",
  "type": "responders",
  "responderType": "SqlResponder",
  "responderTypeDisplayName": "SQL Responder",
  "config": {
    "sql": "insert into hot_stocks(symbol, price) values('INFA', 38.90)",
    "params": null
  },
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49",
    "title": "sqlconnection",
    "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
  }
}
```

POST Response in JSON Format

```
{
  "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151",
  "name": "mysqlresponder",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
    "title": "mysqlresponder",
    "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
```

```

        "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "createResponse",
        "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
        "type": "DELETE",
        "title": "Create Response"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-08-13T12:15:01+05:30",
"createDate": "2013-08-13T12:15:01+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "SqlResponder",
"responderTypeDisplayName": "SQL Responder",
"config": {
    "sql": "insert into hot_stock(symbol, price) values ('INFA', 38.90)",
    "params": null
},
"connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49",
    "title": "sqlconnection",
    "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

Response Code : 201 Created

POST Request in XML Format

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>mysqlresponder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>sql</key>
      <value>insert into hot_stocks(symbol, price) values ('INFA', 38.90)</value>
    </entry>
  </config>
</responder>

```



```

        <key>params</key>
    </entry>
</config>
<connection>
    <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
    <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
    <rel>connection</rel>
    <title>sqlconnection</title>
</connection>
<responderType>SqlResponder</responderType>
</responder>

```

POST Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
    <acl>
        <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
        <action>
            <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
            <rel>createResponse</rel>
            <title>Create Response</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>8bd61211-404b-4cd4-8a84-f36a7bcdf151</id>
    <links/>
    <name>mysqlresponder</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
        <id>8bd61211-404b-4cd4-8a84-f36a7bcdf151</id>
        <rel>self</rel>
        <title>mysqlresponder</title>
    </self>
    <valid>false</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <dtError>There are no responses associated with this Responder</dtError>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responders</type>
</config>
    <entry>
        <key>sql</key>

```

```

        <value>insert into hot_stock(symbol, price) values ('INFA', 38.90)</value>
    </entry>
</entry>
    <key>params</key>
</entry>
</config>
<connection>
    <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
    <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
    <rel>connection</rel>
    <title>sqlconnection</title>
</connection>
<marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>SqlResponder</responderType>
<responderTypeDisplayName>SQL Responder</responderTypeDisplayName>
<responses />
<topics />
</responder>

```

Response Code : 201 Created

Retrieve SQL Responder

Use the GET method to retrieve an SQL responder in RulePoint.

GET Request in JSON Format

To retrieve an SQL responder in a RulePoint application, generate the following GET request:

```

GET http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in JSON Format

```

{
  "total": 6,
  "count": 6,
  "items": [
    {
      "id": "c4851206-93e0-45ee-a013-3fb1d2fc5c5d",
      "name": "rtam",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/responders/c4851206-93e0-45ee-a013-3fb1d2fc5c5d",
        "title": "rtam",
        "id": "c4851206-93e0-45ee-a013-3fb1d2fc5c5d"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/responders/c4851206-93e0-45ee-a013-3fb1d2fc5c5d",
          "type": "PUT",
          "title": "Edit"
        },
        {
          "rel": "delete",
          "href": "api/projects/1/responders/c4851206-93e0-45ee-a013-3fb1d2fc5c5d",
          "type": "DELETE",
          "title": "Delete"
        }
      ]
    }
  ]
}

```

```

        "rel": "deploy",
        "href": "api/projects/1/deploy",
        "type": "POST",
        "title": "Deploy"
    },
    {
        "rel": "createResponse",
        "href": "api/projects/1/responders/c4851206-93e0-45ee-
a013-3fb1d2fc5c5d",
        "type": "DELETE",
        "title": "Create Response"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/c4851206-93e0-45ee-
a013-3fb1d2fc5c5d/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-08-19T11:21:03+05:30",
"createDate": "2013-08-07T17:50:59+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"responderType": "RTAMResponder",
"responderTypeDisplayName": "RTAM Responder",
"config": {
    "to": "e",
    "body": "re",
    "subject": "re",
    "priority": "3",
    "channels": "",
    "header": "",
    "actions": "",
    "groups": "",
    "metadata": null
},
"responses": [
    {
        "href": "api/projects/1/responses/a2e64636-5206-46da-
abe9-4c9bb8b592bc",
        "title": "rtam_response",
        "objectType": "responses",
        "id": "a2e64636-5206-46da-abe9-4c9bb8b592bc"
    }
],
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
},
{
    "id": "08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c",
    "name": "wsresponder",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/responders/08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c",
        "title": "wsresponder",
        "id": "08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c"
    }
}

```

```

    },
    "actions": [
      {
        "rel": "update",
        "href": "api/projects/1/responders/
08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c",
        "type": "PUT",
        "title": "Edit"
      },
      {
        "rel": "delete",
        "href": "api/projects/1/responders/
08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c",
        "type": "DELETE",
        "title": "Delete"
      },
      {
        "rel": "deploy",
        "href": "api/projects/1/deploy",
        "type": "POST",
        "title": "Deploy"
      },
      {
        "rel": "createResponse",
        "href": "api/projects/1/responders/
08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c",
        "type": "DELETE",
        "title": "Create Response"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/1/responders/
08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c/acl",
      "title": "acl"
    },
    "owningProject": {
      "rel": "owningProject",
      "href": "api/projects/1",
      "title": "Default Project",
      "id": "1"
    },
    "type": "responders",
    "lastModifiedDate": "2013-08-19T11:10:52+05:30",
    "createDate": "2013-08-19T10:59:14+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responderType": "webService",
    "responderTypeDisplayName": "Web Service Responder",
    "config": {
      "operation": "hello",
      "inputParameters": "hello.name=xkjhkj",
      "serviceName": "HelloWorldServices"
    },
    "connection": {
      "rel": "connection",
      "href": "api/projects/1/connections/03e9c236-1a01-40e2-9d4a-
f13c893abef7",
      "title": "wsconn",
      "id": "03e9c236-1a01-40e2-9d4a-f13c893abef7"
    },
    "responses": [
      {
        "href": "api/projects/1/responses/f1fbf054-6124-4111-a69e-
abe30586deb0",
        "title": "wsresponder_response",
        "objectType": "responses",

```

```

        "id": "f1fbf054-6124-4111-a69e-abe30586deb0"
    }
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
},
{
    "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151",
    "name": "sqlresponder",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
        "title": "sqlresponder",
        "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-
f36a7bcd151",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-
f36a7bcd151",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createResponse",
            "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-
f36a7bcd151",
            "type": "DELETE",
            "title": "Create Response"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-
f36a7bcd151/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responders",
    "lastModifiedDate": "2013-08-13T12:15:01+05:30",
    "createDate": "2013-08-13T12:15:01+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no responses associated with this Responder",
    "responderType": "SqlResponder",
    "responderTypeDisplayName": "SQL Responder",
    "config": {
        "sql": "insert into something",
        "params": null
    },
    "connection": {

```

```

        "rel": "connection",
        "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-
ad69-3243d102ed49",
        "title": "sqlconnection",
        "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
},
{
    "id": "51ba1457-5112-4e70-99f1-fe94af5ddea3",
    "name": "emailresponder",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-fe94af5ddea3",
        "title": "emailresponder",
        "id": "51ba1457-5112-4e70-99f1-fe94af5ddea3"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-
fe94af5ddea3",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-
fe94af5ddea3",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createResponse",
            "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-
fe94af5ddea3",
            "type": "DELETE",
            "title": "Create Response"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responders/51ba1457-5112-4e70-99f1-
fe94af5ddea3/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responders",
    "lastModifiedDate": "2013-08-07T17:49:48+05:30",
    "createDate": "2013-08-07T17:49:48+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no responses associated with this Responder",
    "responderType": "EmailResponder",
    "responderTypeDisplayName": "Email Responder",
    "config": {
        "to": "ad",

```

```

        "body": "dsw",
        "replyTo": "",
        "subject": "ds",
        "sentDate": null,
        "bcc": "",
        "from": "ew",
        "contentType": "text",
        "cc": ""
    },
    "connection": {
        "rel": "connection",
        "href": "api/projects/1/connections/bba20936-201a-4d3c-afad-33c76fb9366b",
        "title": "emailcon",
        "id": "bba20936-201a-4d3c-afad-33c76fb9366b"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
},
{
    "id": "2alefc67-29fc-4a57-90c8-896867802c73",
    "name": "another",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/1/responders/2alefc67-29fc-4a57-90c8-896867802c73",
        "title": "another",
        "id": "2alefc67-29fc-4a57-90c8-896867802c73"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responders/2alefc67-29fc-4a57-90c8-896867802c73",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responders/2alefc67-29fc-4a57-90c8-896867802c73",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createResponse",
            "href": "api/projects/1/responders/2alefc67-29fc-4a57-90c8-896867802c73",
            "type": "DELETE",
            "title": "Create Response"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responders/2alefc67-29fc-4a57-90c8-896867802c73/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responders",
    "lastModifiedDate": "2013-08-07T16:55:39+05:30",
    "createDate": "2013-08-07T16:55:39+05:30",

```

```

    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no responses associated with this Responder",
    "responderType": "http",
    "responderTypeDisplayName": "HTTP Responder",
    "config": {
      "body": "",
      "username": "",
      "retryCount": "3",
      "retryDelay": "1000",
      "targeturl": "http://invr28cep46:8080/",
      "method": "GET",
      "parameters": null,
      "password": null,
      "mimeType": ""
    },
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  },
  {
    "id": "73876991-1dc2-47e6-aelf-56347427a249",
    "name": "fileout",
    "valid": true,
    "self": {
      "rel": "self",
      "href": "api/projects/1/responders/73876991-1dc2-47e6-aelf-56347427a249",
      "title": "fileout",
      "id": "73876991-1dc2-47e6-aelf-56347427a249"
    },
    "actions": [
      {
        "rel": "update",
        "href": "api/projects/1/responders/73876991-1dc2-47e6-aelf-56347427a249",
        "type": "PUT",
        "title": "Edit"
      },
      {
        "rel": "delete",
        "href": "api/projects/1/responders/73876991-1dc2-47e6-aelf-56347427a249",
        "type": "DELETE",
        "title": "Delete"
      },
      {
        "rel": "deploy",
        "href": "api/projects/1/deploy",
        "type": "POST",
        "title": "Deploy"
      },
      {
        "rel": "createResponse",
        "href": "api/projects/1/responders/73876991-1dc2-47e6-aelf-56347427a249",
        "type": "DELETE",
        "title": "Create Response"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/1/responders/73876991-1dc2-47e6-aelf-56347427a249/acl",
      "title": "acl"
    }
  },

```



```

    "owningProject": {
      "rel": "owningProject",
      "href": "api/projects/1",
      "title": "Default Project",
      "id": "1"
    },
    "type": "responders",
    "lastModifiedDate": "2013-07-30T10:14:46+05:30",
    "createDate": "2013-07-30T10:10:49+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responderType": "fileOutput",
    "responderTypeDisplayName": "File Responder",
    "config": {
      "contents": "nest",
      "filename": "best",
      "mode": "append"
    },
    "responses": [
      {
        "href": "api/projects/1/responses/8322f00d-6191-4932-a447-a090e03b5696",
        "title": "fileout_response",
        "objectType": "responses",
        "id": "8322f00d-6191-4932-a447-a090e03b5696"
      }
    ],
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
]
}

```

Response Code : 200 OK

GET Request in XML Format

```

GET http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>hotstockresponder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>sql</key>
      <value>insert into hot_stocks(symbol, price) values ('INFA', 38.90)</value>
    </entry>
    <entry>
      <key>params</key>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
    <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
    <rel>connection</rel>
    <title>sqlconnection</title>
  </connection>
  <responderType>SqlResponder</responderType>
</responder>

```

GET Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<artifacts>
  <count>1</count>
  <items>
    <responder>
      <acl>
        <href>api/projects/1/responders/c4befa65-dd03-4213-96fc-3cbc71e74211/
acl</href>
        <rel>acl</rel>
        <title>acl</title>
      </acl>
      <actions>
        <action>
          <href>api/projects/1/responders/c4befa65-
dd03-4213-96fc-3cbc71e74211</href>
          <rel>update</rel>
          <title>Edit</title>
          <type>PUT</type>
        </action>
        <action>
          <href>api/projects/1/responders/c4befa65-
dd03-4213-96fc-3cbc71e74211</href>
          <rel>delete</rel>
          <title>Delete</title>
          <type>DELETE</type>
        </action>
        <action>
          <href>api/projects/1/responders/c4befa65-
dd03-4213-96fc-3cbc71e74211</href>
          <rel>createResponse</rel>
          <title>Create Response</title>
          <type>DELETE</type>
        </action>
      </actions>
      <id>c4befa65-dd03-4213-96fc-3cbc71e74211</id>
      <name>sqlresponder</name>
      <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
      </owningProject>
      <self>
        <href>api/projects/1/responders/c4befa65-dd03-4213-96fc-3cbc71e74211</
href>
        <id>c4befa65-dd03-4213-96fc-3cbc71e74211</id>
        <rel>self</rel>
        <title>sqlresponder</title>
      </self>
      <valid>false</valid>
      <createDate/>
      <createdBy>Administrator</createdBy>
      <deployState>DRAFT</deployState>
      <deployable>true</deployable>
      <dtError>There are no responses associated with this Responder</dtError>
      <force>false</force>
      <lastModifiedDate/>
      <predefined>false</predefined>
      <type>responders</type>
      <config>
        <entry>
          <key>sql</key>
          <value>insert into something</value>
        </entry>
        <entry>
          <key>params</key>

```

```

        </entry>
      </config>
    <connection>
      <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</
href>
      <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
      <rel>connection</rel>
      <title>sqlconnection</title>
    </connection>
    <marshaller>
      <marshallerProperties/>
      <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <responderType>SqlResponder</responderType>
    <responderTypeDisplayName>SQL Responder</responderTypeDisplayName>
  </responder>
</items>
<total>1</total>
<invalidCount>1</invalidCount>
</artifacts>

```

Response Code : 200 OK

Update SQL Responder

Use the PUT method to update an SQL responder in RulePoint.

PUT Request in JSON Format

To update an SQL responder in a RulePoint application, generate the following PUT request:

```

PUT    http://localhost:8080/rulepoint/api/projects/1/responders/8bd61211-404b-4cd4-8a84-
f36a7bcd151
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "hotstockresponder",
  "type": "responders",
  "responderType": "SqlResponder",
  "responderTypeDisplayName": "SQL Responder",
  "config": {
    "sql": "insert into hot_stocks(symbol, price) values('INFA', 38.90)",
    "params": null
  },
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49",
    "title": "sqlconnection",
    "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
  }
}

```

PUT Response in JSON Format

Returns the SQL responder object and response code 200 OK. Returns the error object if an error occurs.

```

{
  "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151",
  "name": "hotstockresponder",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
    "title": "hotstockresponder",

```

```

        "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createResponse",
            "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
            "type": "DELETE",
            "title": "Create Response"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responders",
    "lastModifiedDate": "2013-08-13T12:15:01+05:30",
    "createDate": "2013-08-13T12:15:01+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no responses associated with this Responder",
    "responderType": "SqlResponder",
    "responderTypeDisplayName": "SQL Responder",
    "config": {
        "sql": "insert into hot_stock(symbol, price) values ('INFA', 38.90)",
        "params": null
    },
    "connection": {
        "rel": "connection",
        "href": "api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49",
        "title": "sqlconnection",
        "id": "2d5c8d79-b732-4fe8-ad69-3243d102ed49"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

Response Code : 200 OK

PUT Request in XML Format

```

PUT http://localhost:8080/rulepoint/api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>hotstockresponder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>sql</key>
      <value>insert into hot_stocks(symbol, price) values ('INFA', 38.90)</value>
    </entry>
    <entry>
      <key>params</key>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
    <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
    <rel>connection</rel>
    <title>sqlconnection</title>
  </connection>
  <responderType>SqlResponder</responderType>
</responder>
```

PUT Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>8bd61211-404b-4cd4-8a84-f36a7bcdf151</id>
  <links/>
  <name>mysqlresponder</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
    <id>8bd61211-404b-4cd4-8a84-f36a7bcdf151</id>
    <rel>self</rel>
    <title>mysqlresponder</title>
  </self>
  <valid>false</valid>
```

```

<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<dtError>There are no responses associated with this Responder</dtError>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responders</type>
<config>
  <entry>
    <key>sql</key>
    <value>insert into hot_stock(symbol, price) values ('INFA', 38.90)</value>
  </entry>
  <entry>
    <key>params</key>
  </entry>
</config>
<connection>
  <href>api/projects/1/connections/2d5c8d79-b732-4fe8-ad69-3243d102ed49</href>
  <id>2d5c8d79-b732-4fe8-ad69-3243d102ed49</id>
  <rel>connection</rel>
  <title>sqlconnection</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>SqlResponder</responderType>
<responderTypeDisplayName>SQL Responder</responderTypeDisplayName>
<responses />
<topics />
</responder>

```

Response Code : 200 OK

Delete SQL Responder

Use the DELETE method to delete an SQL responder in RulePoint.

DELETE Request in JSON Format

To delete an SQL responder in a RulePoint application, generate the following DELETE request:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responders/8bd61211-404b-4cd4-8a84-
f36a7bcd151
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responders/
8bd61211-404b-4cd4-8a84-f36a7bcd151
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

Email Responder

Use the examples to create, update, or delete an email responder.

Create Email Responder

Use the POST method to create an email responder in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an email responder in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "EmailResponder1",
  "responderType": "EmailResponder",
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb",
    "title": "EmailConnection1",
    "id": "446f972d-d3ea-4d77-98f8-84816ed4abcb"
  },
  "valid": true,
  "config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": null,
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": null,
    "from": "sbhimisetty@informatica.com",
    "contentType": "text",
    "cc": null
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

POST Response in JSON Format

Returns the email responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "26154ed7-41ce-4db4-888f-ce5573e965d1",
  "name": "EmailResponder1",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
    "title": "EmailResponder1",
    "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
      "type": "PUT",
    }
  ]
}
```

```

        "title": "Edit"
    },
    {
        "rel": "delete",
        "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "createResponse",
        "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
        "type": "DELETE",
        "title": "Create Response"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-09-13T16:19:50+05:30",
"createDate": "2013-09-13T16:10:38+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "EmailResponder",
"responderTypeDisplayName": "Email Responder",
"config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": "",
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": "",
    "from": "sbhimisetty@informatica.com",
    "contentType": "text",
    "cc": ""
},
"connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb",
    "title": "EmailConnection1",
    "id": "446f972d-d3ea-4d77-98f8-84816ed4abcb"
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an email responder in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml

```


Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>EmailResponder1</name>
  <type>responders</type>
  <config>
    <entry>
      <key>to</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>body</key>
      <value>Test email from EmailResponder</value>
    </entry>
    <entry>
      <key>replyTo</key>
      <value/>
    </entry>
    <entry>
      <key>subject</key>
      <value>Test email subject from EmailResponder</value>
    </entry>
    <entry>
      <key>sentDate</key>
    </entry>
    <entry>
      <key>bcc</key>
      <value/>
    </entry>
    <entry>
      <key>from</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>contentType</key>
      <value>text</value>
    </entry>
    <entry>
      <key>cc</key>
      <value/>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
    <id>446f972d-d3ea-4d77-98f8-84816ed4abcb</id>
    <rel>connection</rel>
    <title>EmailConnection1</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <responderType>EmailResponder</responderType>
</responder>
```

POST Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
```

```

    <action>
      <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
  <links/>
  <name>EmailResponder1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
    <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
    <rel>self</rel>
    <title>EmailResponder1</title>
  </self>
  <valid>false</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <dtError>There are no responses associated with this Responder</dtError>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>responders</type>
  <config>
    <entry>
      <key>to</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>body</key>
      <value>Test email from EmailResponder</value>
    </entry>
    <entry>
      <key>replyTo</key>
      <value/>
    </entry>
    <entry>
      <key>subject</key>
      <value>Test email subject from EmailResponder</value>
    </entry>
    <entry>
      <key>sentDate</key>
    </entry>
    <entry>
      <key>bcc</key>
      <value/>
    </entry>
    <entry>
      <key>from</key>

```

```

        <value>sbhimisetty@informatica.com</value>
      </entry>
    <entry>
      <key>contentType</key>
      <value>text</value>
    </entry>
    <entry>
      <key>cc</key>
      <value/>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
    <id>446f972d-d3ea-4d77-98f8-84816ed4abcb</id>
    <rel>connection</rel>
    <title>EmailConnection1</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <responderType>EmailResponder</responderType>
  <responderTypeDisplayName>Email Responder</responderTypeDisplayName>
  <responses />
  <topics />
</responder>

```

Response Code : 201 Created

Update Email Responder

Use the PUT method to update an email responder in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request creates an email responder in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responders/26154ed7-41ce-4db4-888f-
ce5573e965d1
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "MyEmailResponder",
  "responderType": "EmailResponder",
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb",
    "title": "EmailConnection1",
    "id": "446f972d-d3ea-4d77-98f8-84816ed4abcb"
  },
  "valid": true,
  "config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": null,
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": null,
    "from": "sbhimisetty@informatica.com",
    "contentType": "text",
    "cc": null
  },
  "marshaller": {

```

```

        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

PUT Response in JSON Format

Returns the email responder object and response code. Returns the error object if an error occurs.

```

{
  "id": "26154ed7-41ce-4db4-888f-ce5573e965d1",
  "name": "MyEmailResponder",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
    "title": "MyEmailResponder",
    "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "createResponse",
      "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
      "type": "DELETE",
      "title": "Create Response"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responders",
  "lastModifiedDate": "2013-09-13T16:19:50+05:30",
  "createDate": "2013-09-13T16:10:38+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "dtError": "There are no responses associated with this Responder",
  "responderType": "EmailResponder",
  "responderTypeDisplayName": "Email Responder",
  "config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": "",
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": "",
    "from": "sbhimisetty@informatica.com",

```

```

        "contentType": "text",
        "cc": ""
    },
    "connection": {
        "rel": "connection",
        "href": "api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb",
        "title": "EmailConnection1",
        "id": "446f972d-d3ea-4d77-98f8-84816ed4abcb"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request creates an email responder in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responders/26154ed7-41ce-4db4-888f-
ce5573e965d1
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>MyEmailResponder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>to</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>body</key>
      <value>Test email from EmailResponder</value>
    </entry>
    <entry>
      <key>replyTo</key>
      <value/>
    </entry>
    <entry>
      <key>subject</key>
      <value>Test email subject from EmailResponder</value>
    </entry>
    <entry>
      <key>sentDate</key>
    </entry>
    <entry>
      <key>bcc</key>
      <value/>
    </entry>
    <entry>
      <key>from</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>contentType</key>
      <value>text</value>
    </entry>
    <entry>
      <key>cc</key>
      <value/>
    </entry>
  </config>
</responder>

```

```

</config>
<connection>
  <href>api/projects/1/connections/446f972d-d3ea-4d77-98f8-84816ed4abcb</href>
  <id>446f972d-d3ea-4d77-98f8-84816ed4abcb</id>
  <rel>connection</rel>
  <title>EmailConnection1</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>EmailResponder</responderType>
</responder>

```

PUT Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
  <links/>
  <name>EmailResponder1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
    <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
    <rel>self</rel>
    <title>EmailResponder1</title>
  </self>
  <valid>false</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <dtError>There are no responses associated with this Responder</dtError>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>responders</type>
</config>

```

```

    <entry>
      <key>to</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>body</key>
      <value>Test email from EmailResponder</value>
    </entry>
    <entry>
      <key>replyTo</key>
      <value/>
    </entry>
    <entry>
      <key>subject</key>
      <value>Test email subject from EmailResponder</value>
    </entry>
    <entry>
      <key>sentDate</key>
    </entry>
    <entry>
      <key>bcc</key>
      <value/>
    </entry>
    <entry>
      <key>from</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>contentType</key>
      <value>text</value>
    </entry>
    <entry>
      <key>cc</key>
      <value/>
    </entry>
  </config>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>EmailResponder</responderType>
<responderTypeDisplayName>Email Responder</responderTypeDisplayName>
<responses />
<topics />
</responder>

```

Response Code : 200 OK

Delete Email Responder

Use the DELETE method to delete an email responder in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an email responder in a RulePoint application.

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responders/26154ed7-41ce-4db4-888f-
ce5573e965d1
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an email responder in a RulePoint application.

```
DELETE http://localhost:8080/rulepoint/api/projects/1/responders/26154ed7-41ce-4db4-888f-
ce5573e965d1
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

JMS Responder

Use the examples to create, update, or delete a JMS responder.

Create JMS Responder

Use the POST method to create a JMS responder in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a JMS responder in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "jmsresponder",
  "type": "responders",
  "responderType": "JMSResponder",
  "config": {
    "body": "test message",
    "retryCount": "3",
    "priority": "4",
    "retryDelay": "1000",
    "deliveryMode": "2",
    "params": null,
    "timeToLive": "0",
    "destination": "jmsQueue"
  },
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```


POST Response in JSON Format

Returns the JMS responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
  "name": "jmsresponder",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
    "title": "jmsresponder",
    "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createResponse",
      "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
      "type": "DELETE",
      "title": "Create Response"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responders",
  "lastModifiedDate": "2013-08-23T15:20:20+05:30",
  "createDate": "2013-08-23T15:20:14+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responderType": "JMSResponder",
  "responderTypeDisplayName": "JMS Responder",
  "config": {
    "body": "test message",
    "retryCount": "3",
    "priority": "4",
    "retryDelay": "1000",
    "deliveryMode": "2",
    "params": null,
    "timeToLive": "0",
    "destination": "jmsQueue"
  }
}
```

```

    },
    "connection": {
      "rel": "connection",
      "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
      "title": "jmsconnection",
      "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
    },
    "responses": [
      {
        "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",
        "title": "jmsresponder_response",
        "objectType": "responses",
        "id": "acb4152d-d034-468d-be96-d95178200755"
      }
    ],
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a JMS responder in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>jmsresponder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>body</key>
      <value>test message</value>
    </entry>
    <entry>
      <key>retryCount</key>
      <value>3</value>
    </entry>
    <entry>
      <key>priority</key>
      <value>4</value>
    </entry>
    <entry>
      <key>retryDelay</key>
      <value>1000</value>
    </entry>
    <entry>
      <key>deliveryMode</key>
      <value>2</value>
    </entry>
    <entry>
      <key>params</key>
    </entry>
    <entry>
      <key>timeToLive</key>
      <value>0</value>
    </entry>
    <entry>
      <key>destination</key>
      <value>jmsQueue</value>
    </entry>
  </config>
</responder>

```

```

    </entry>
</config>
<connection>
  <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
  <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
  <rel>connection</rel>
  <title>jmsconnection</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>>false</marshallerThreadsafe>
</marshaller>
  <responderType>JMSResponder</responderType>
</responder>

```

POST Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
    <action>
      <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</id>
  <links/>
  <name>jmsresponder</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
    <id>ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</id>
    <rel>self</rel>
    <title>jmsresponder</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>

```

```

<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responders</type>
<config>
  <entry>
    <key>body</key>
    <value>test message</value>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>priority</key>
    <value>4</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>1000</value>
  </entry>
  <entry>
    <key>deliveryMode</key>
    <value>2</value>
  </entry>
  <entry>
    <key>params</key>
  </entry>
  <entry>
    <key>timeToLive</key>
    <value>0</value>
  </entry>
  <entry>
    <key>destination</key>
    <value>jmsQueue</value>
  </entry>
</config>
<connection>
  <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
  <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
  <rel>connection</rel>
  <title>jmsconnection</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>JMSResponder</responderType>
<responses />
<topics />
</responder>

```

Response Code : 201 Created

Update JMS Responder

Use the PUT method to update a JMS responder in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a JMS responder in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-
ffcd35c1f8f7
Accept: application/json

```

Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

PUT Body in JSON Format

```
{
  "name": "ActiveMQResponder",
  "type": "responders",
  "responderType": "JMSResponder",
  "config": {
    "body": "test message",
    "retryCount": "3",
    "priority": "4",
    "retryDelay": "1000",
    "deliveryMode": "2",
    "params": null,
    "timeToLive": "0",
    "destination": "jmsQueue"
  },
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

PUT Response in JSON Format

Returns the JMS responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
  "name": "ActiveMQResponder",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
    "title": "ActiveMQResponder",
    "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createResponse",
      "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
      "type": "DELETE",
      "title": "Create Response"
    }
  ]
}
```

```

    }
  },
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responders",
  "lastModifiedDate": "2013-08-23T15:20:20+05:30",
  "createDate": "2013-08-23T15:20:14+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responderType": "JMSResponder",
  "responderTypeDisplayName": "JMS Responder",
  "config": {
    "body": "test message",
    "retryCount": "3",
    "priority": "4",
    "retryDelay": "1000",
    "deliveryMode": "2",
    "params": null,
    "timeToLive": "0",
    "destination": "jmsQueue"
  },
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "responses": [
    {
      "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",
      "title": "jmsresponder response",
      "objectType": "responses",
      "id": "acb4152d-d034-468d-be96-d95178200755"
    }
  ],
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a JMS responder in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>

```

```

<name>ActiveMQResponder</name>
<type>responders</type>
<config>
  <entry>
    <key>body</key>
    <value>test message</value>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>priority</key>
    <value>4</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>1000</value>
  </entry>
  <entry>
    <key>deliveryMode</key>
    <value>2</value>
  </entry>
  <entry>
    <key>params</key>
  </entry>
  <entry>
    <key>timeToLive</key>
    <value>0</value>
  </entry>
  <entry>
    <key>destination</key>
    <value>jmsQueue</value>
  </entry>
</config>
<connection>
  <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
  <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
  <rel>connection</rel>
  <title>jmsconnection</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>JMSResponder</responderType>
</responder>

```

PUT Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>

```

```

</action>
<action>
  <href>api/projects/1/deploy</href>
  <rel>deploy</rel>
  <title>Deploy</title>
  <type>POST</type>
</action>
<action>
  <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35clf8f7</href>
  <rel>createResponse</rel>
  <title>Create Response</title>
  <type>DELETE</type>
</action>
</actions>
<id>ec9ba07c-7ac1-48b0-8b7d-ffcd35clf8f7</id>
<links/>
<name>jmsresponder</name>
<owningProject>
  <href>api/projects/1</href>
  <id>1</id>
  <rel>owningProject</rel>
  <title>Default Project</title>
</owningProject>
<self>
  <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35clf8f7</href>
  <id>ec9ba07c-7ac1-48b0-8b7d-ffcd35clf8f7</id>
  <rel>self</rel>
  <title>jmsresponder</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>>false</force>
<lastModifiedDate/>
<predefined>>false</predefined>
<type>responders</type>
<config>
  <entry>
    <key>body</key>
    <value>test message</value>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>priority</key>
    <value>4</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>1000</value>
  </entry>
  <entry>
    <key>deliveryMode</key>
    <value>2</value>
  </entry>
  <entry>
    <key>params</key>
  </entry>
  <entry>
    <key>timeToLive</key>
    <value>0</value>
  </entry>
  <entry>
    <key>destination</key>
    <value>jmsQueue</value>
  </entry>
</config>

```



```

</config>
<connection>
  <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
  <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
  <rel>connection</rel>
  <title>jmsconnection</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>JMSResponder</responderType>
<responses />
<topics />
</responder>

```

Response Code : 200 OK

Delete JMS Responder

Use the DELETE method to delete a JMS responder in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS responder in a RulePoint application.

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35clf8f7
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS responder in a RulePoint application.

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responders/
ec9ba07c-7ac1-48b0-8b7d-ffcd35clf8f7 Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

Web Service Responder

Use the examples to create, update, or delete a web service responder.

Create Web Service Responder

Use the POST method to create a web service responder in RulePoint.

POST Request in JSON Format

To create a web service responder in a RulePoint application, generate the following POST request:

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in JSON Format

```
{
  "name": "wsResponder1",
  "description": "",
  "responderType": "webService",
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "title": "WsConnection1",
    "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
  },
  "valid": true,
  "config": {
    "serviceName": "HelloWorldServices",
    "operation": "hello",
    "inputParameters": "hello.name=Chris"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {}
  }
}
```

POST Response in JSON Format

Returns the web service responder object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
  "name": "wsResponder1",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
    "title": "wsResponder1",
    "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "createResponse",
      "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
      "type": "DELETE",
      "title": "Create Response"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  }
}
```

```

"type": "responders",
"lastModifiedDate": "2013-09-13T17:05:02+05:30",
"createDate": "2013-09-13T17:05:02+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "webService",
"responderTypeDisplayName": "Web Service Responder",
"config": {
  "operation": "hello",
  "inputParameters": "hello.name=Chris",
  "serviceName": "HelloWorldServices"
},
"connection": {
  "rel": "connection",
  "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
  "title": "WsConnection1",
  "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
},
"marshaller": {
  "marshallerClassname": null,
  "marshallerProperties": null,
  "marshallerThreadsafe": false
}
}

```

Response Code : 201 Created

POST Request in XML Format

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>wsResponder1</name>
  <type>responders</type>
  <config>
    <entry>
      <key>operation</key>
      <value>hello</value>
    </entry>
    <entry>
      <key>inputParameters</key>
      <value>hello.name=Chris</value>
    </entry>
    <entry>
      <key>serviceName</key>
      <value>HelloWorldServices</value>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
    <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
    <rel>connection</rel>
    <title>WsConnection1</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <responderType>webService</responderType>
</responder>

```

POST Response in XML Format

Returns the web service responder object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
  <links/>
  <name>wsResponder1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
    <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
    <rel>self</rel>
    <title>wsResponder1</title>
  </self>
  <valid>>false</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <dtError>There are no responses associated with this Responder</dtError>
  <force>>false</force>
  <lastModifiedDate/>
  <predefined>>false</predefined>
  <type>responders</type>
  <config>
    <entry>
      <key>operation</key>
      <value>hello</value>
    </entry>
    <entry>
      <key>inputParameters</key>
      <value>hello.name=Chris</value>
    </entry>
    <entry>
      <key>serviceName</key>
      <value>HelloWorldServices</value>
    </entry>
  </config>
</responder>
```

```

<connection>
  <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
  <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
  <rel>connection</rel>
  <title>WsConnection1</title>
</connection>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>>false</marshallerThreadsafe>
</marshaller>
<responderType>webService</responderType>
<responderTypeDisplayName>Web Service Responder</responderTypeDisplayName>
<responses />
<topics />
</responder>

```

Response Code : 201 Created

Update Web Service Responder

Use the PUT method to update a web service responder in RulePoint.

PUT Request in JSON Format

To update a web service responder in a RulePoint application, generate the following PUT request:

```

PUT http://localhost:8080/rulepoint/api/projects/1/responders/
776acc35-7a4a-47e1-8b9a-07f7d8bb6f01
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "MyWebServiceResponder",
  "responderType": "webService",
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
    "title": "WsConnection1",
    "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
  },
  "valid": true,
  "config": {
    "serviceName": "HelloWorldServices",
    "operation": "hello",
    "inputParameters": "hello.name=Chris"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}

```

PUT Response in JSON Format

Returns the web service responder object and response code. Returns the error object if an error occurs.

```

{
  "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
  "name": "MyWebServiceResponder",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
    "title": "MyWebServiceResponder",

```

```

        "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createResponse",
            "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
            "type": "DELETE",
            "title": "Create Response"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responders",
    "lastModifiedDate": "2013-09-13T17:06:27+05:30",
    "createDate": "2013-09-13T17:05:02+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no responses associated with this Responder",
    "responderType": "webService",
    "responderTypeDisplayName": "Web Service Responder",
    "config": {
        "operation": "hello",
        "inputParameters": "hello.name=Chris",
        "serviceName": "HelloWorldServices"
    },
    "connection": {
        "rel": "connection",
        "href": "api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052",
        "title": "WsConnection1",
        "id": "e9bcc9ae-8e78-4b2c-a3f4-48352e817052"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

Response Code : 200 OK

PUT Request in XML Format

```

PUT http://localhost:8080/rulepoint/api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-
ffcd35clf8f7
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>MyWebServiceResponder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>operation</key>
      <value>hello</value>
    </entry>
    <entry>
      <key>inputParameters</key>
      <value>hello.name=Chris</value>
    </entry>
    <entry>
      <key>serviceName</key>
      <value>HelloWorldServices</value>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
    <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
    <rel>connection</rel>
    <title>WsConnection1</title>
  </connection>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
  </marshaller>
  <responderType>webService</responderType>
</responder>
```

PUT Response in XML Format

Returns the SQL responder object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
  <links/>
  <name>wsResponder1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
  </owningProject>
</responder>
```

```

        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
        <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
        <rel>self</rel>
        <title>wsResponder1</title>
    </self>
    <valid>false</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <dtError>There are no responses associated with this Responder</dtError>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responders</type>
    <config>
        <entry>
            <key>operation</key>
            <value>hello</value>
        </entry>
        <entry>
            <key>inputParameters</key>
            <value>hello.name=Chris</value>
        </entry>
        <entry>
            <key>serviceName</key>
            <value>HelloWorldServices</value>
        </entry>
    </config>
    <connection>
        <href>api/projects/1/connections/e9bcc9ae-8e78-4b2c-a3f4-48352e817052</href>
        <id>e9bcc9ae-8e78-4b2c-a3f4-48352e817052</id>
        <rel>connection</rel>
        <title>WsConnection1</title>
    </connection>
    <marshaller>
        <marshallerProperties/>
        <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <responderType>webService</responderType>
    <responderTypeDisplayName>Web Service Responder</responderTypeDisplayName>
    <responses />
    <topics />
</responder>

```

Response Code : 200 OK

Delete Web Service Responder

Use the DELETE method to delete a web service responder in RulePoint.

DELETE Request in JSON Format

To delete a web service responder in a RulePoint application, generate the following DELETE request:

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responders/
776acc35-7a4a-47e1-8b9a-07f7d8bb6f01
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

```
DELETE http://localhost:8080/rulepoint/api/projects/1/responders/
776acc35-7a4a-47e1-8b9a-07f7d8bb6f01
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No Content

Event Transformer Responder

Use the examples to create, update, or delete an event transformer responder.

Create Event Transformer Responder

Use the POST method to create an event transformer responder in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an event transformer responder in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "event_transformer",
  "description": "",
  "responderType": "EventTransformer",
  "connection": null,
  "valid": true,
  "config": {
    "properties": "*",
    "topic": "topic1 as topic2",
    "params": "newproperty=100"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {}
  }
}
```

POST Response in JSON Format

Returns the event transformer responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
  "name": "event_transformer",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
    "title": "event_transformer",
    "id": "c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5"
  },
  "actions": [
    {
      "rel": "update",

```

```

        "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
        "type": "PUT",
        "title": "Edit"
    },
    {
        "rel": "delete",
        "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "createResponse",
        "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
        "type": "DELETE",
        "title": "Create Response"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-09-19T18:05:16+05:30",
"createDate": "2013-09-19T18:05:16+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "EventTransformer",
"responderTypeDisplayName": "Event Transformer",
"config": {
    "topic": "topic1 as topic2",
    "params": "newproperty=100",
    "properties": "*"
},
"topics": [
    {
        "href": "api/projects/1/topics/ff702fca-cfc3-4268-aa90-5449cffa030e",
        "title": "topic2",
        "objectType": "topics",
        "id": "ff702fca-cfc3-4268-aa90-5449cffa030e"
    }
],
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": null,
    "marshallerThreadsafe": false
}
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an event transformer responder in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>event_transformer</name>
  <type>responders</type>
  <config>
    <entry>
      <key>topic</key>
      <value>topic1 as topic2</value>
    </entry>
    <entry>
      <key>params</key>
      <value>newproperty=100</value>
    </entry>
    <entry>
      <key>properties</key>
      <value>*</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <responderType>EventTransformer</responderType>
  <topics>
    <href>api/projects/1/topics/ff702fca-cfc3-4268-aa90-5449cffa030e</href>
    <id>ff702fca-cfc3-4268-aa90-5449cffa030e</id>
    <objectType>topics</objectType>
    <title>topic2</title>
  </topics>
</responder>
```

POST Response in XML Format

Returns the event transformer responder object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
  <links/>
  <name>event_transformer</name>
  <owningProject>
    <href>api/projects/1</href>
```

```

        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
        <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
        <rel>self</rel>
        <title>event_transformer</title>
    </self>
    <valid>>false</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <dtError>There are no responses associated with this Responder</dtError>
    <force>>false</force>
    <lastModifiedDate/>
    <predefined>>false</predefined>
    <type>responders</type>
    <config>
        <entry>
            <key>topic</key>
            <value>topic1 as topic2</value>
        </entry>
        <entry>
            <key>params</key>
            <value>newproperty=100</value>
        </entry>
        <entry>
            <key>properties</key>
            <value>*</value>
        </entry>
    </config>
    <marshaller>
        <marshallerProperties/>
        <marshallerThreadsafe>>false</marshallerThreadsafe>
    </marshaller>
    <responderType>EventTransformer</responderType>
    <responderTypeDisplayName>Event Transformer</responderTypeDisplayName>
    <responses />
    <topics>
        <topic>
            <href>api/projects/1/topics/ff702fca-cfc3-4268-aa90-5449cffa030e</href>
            <id>ff702fca-cfc3-4268-aa90-5449cffa030e</id>
            <objectType>topics</objectType>
            <title>topic2</title>
        </topic>
    </topics>
</responder>

```

Response Code : 201 Created

Update Event Transformer Responder

Use the PUT method to update an event transformer responder in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an event transformer responder in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```
{
  "name": "MyEventTransformer",
  "responderType": "EventTransformer",
  "connection": null,
  "valid": true,
  "config": {
    "topic": "topic1 as topic2",
    "params": "newproperty=100",
    "properties": "*"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

PUT Response in JSON Format

Returns the event transformer responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "cle571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
  "name": "MyEventTransformer",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/cle571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
    "title": "MyEventTransformer",
    "id": "cle571f9-6d29-4d4b-bb78-f8c61a8cf7b5"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/cle571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responders/cle571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "createResponse",
      "href": "api/projects/1/responders/cle571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
      "type": "DELETE",
      "title": "Create Response"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/cle571f9-6d29-4d4b-bb78-f8c61a8cf7b5/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responders",
  "lastModifiedDate": "2013-09-19T18:09:14+05:30",
  "createDate": "2013-09-19T18:05:16+05:30",
  "createdBy": "Administrator",
  "predefined": false,
}
```

```

    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no responses associated with this Responder",
    "responderType": "EventTransformer",
    "responderTypeDisplayName": "Event Transformer",
    "config": {
      "topic": "topic1 as topic2",
      "params": "newproperty=100",
      "properties": "*"
    },
    "topics": [
      {
        "href": "api/projects/1/topics/ff702fca-cfc3-4268-aa90-5449cffa030e",
        "title": "topic2",
        "objectType": "topics",
        "id": "ff702fca-cfc3-4268-aa90-5449cffa030e"
      }
    ],
    "marshaller": {
      "marshallerClassname": null,
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an event transformer responder in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responders/c1e571f9-6d29-4d4b-
bb78-f8c61a8cf7b5
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>MyEventTransformer</name>
  <type>responders</type>
  <config>
    <entry>
      <key>topic</key>
      <value>topic1 as topic2</value>
    </entry>
    <entry>
      <key>params</key>
      <value>newproperty=100</value>
    </entry>
    <entry>
      <key>properties</key>
      <value>*</value>
    </entry>
  </config>
  <marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>>false</marshallerThreadsafe>
  </marshaller>
  <responderType>EventTransformer</responderType>
  <topics>
    <href>api/projects/1/topics/ff702fca-cfc3-4268-aa90-5449cffa030e</href>
    <id>ff702fca-cfc3-4268-aa90-5449cffa030e</id>
    <objectType>topics</objectType>
    <title>topic2</title>
  </topics>
</responder>

```

PUT Response in XML Format

Returns the event transformer responder object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
  <links/>
  <name>event_transformer</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
    <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
    <rel>self</rel>
    <title>event_transformer</title>
  </self>
  <valid>>false</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <dtError>There are no responses associated with this Responder</dtError>
  <force>>false</force>
  <lastModifiedDate/>
  <predefined>>false</predefined>
  <type>responders</type>
  <config>
    <entry>
      <key>topic</key>
      <value>topic1 as topic2</value>
    </entry>
    <entry>
      <key>params</key>
      <value>newproperty=100</value>
    </entry>
    <entry>
      <key>properties</key>
      <value>*</value>
    </entry>
  </config>

```

```

</config>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>EventTransformer</responderType>
<responderTypeDisplayName>Event Transformer</responderTypeDisplayName>
<responses />
<topics>
  <topic>
    <href>api/projects/1/topics/ff702fca-cfc3-4268-aa90-5449cffa030e</href>
    <id>ff702fca-cfc3-4268-aa90-5449cffa030e</id>
    <objectType>topics</objectType>
    <title>topic2</title>
  </topic>
</topics>
</responder>

```

Response Code : 200 OK

Delete Event Transformer Responder

Use the DELETE method to delete an event transformer responder in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an event transformer responder in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responders/c1e571f9-6d29-4d4b-
bb78-f8c61a8cf7b5
Accept: application/json
Content-Type: application/json`
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an event transformer responder in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responders/c1e571f9-6d29-4d4b-
bb78-f8c61a8cf7b5
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

File Output Responder

Use the examples to create, update, or delete a file output responder.

Create File Output Responder

Use the POST method to create a file output responder in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a file output responder in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "fileout_responder",
  "description": "",
  "responderType": "fileOutput",
  "connection": null,
  "valid": true,
  "config": {
    "contents": "writing to my out file",
    "filename": "response.out",
    "mode": "append"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {}
  }
}
```

POST Response in JSON Format

Returns the file output responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "757f8948-dc3c-4a52-a755-c261e2010005",
  "name": "fileout_responder",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",
    "title": "fileout_responder",
    "id": "757f8948-dc3c-4a52-a755-c261e2010005"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "createResponse",
      "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",

```

```

        "type": "DELETE",
        "title": "Create Response"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-09-19T18:21:25+05:30",
"createDate": "2013-09-19T18:21:25+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "fileOutput",
"responderTypeDisplayName": "File Responder",
"config": {
    "contents": "writing to my out file",
    "filename": "response.out",
    "mode": "append"
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": null,
    "marshallerThreadsafe": false
}
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a file output responder in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>fileout_responder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>contents</key>
      <value>writing to my out file</value>
    </entry>
    <entry>
      <key>filename</key>
      <value>response.out</value>
    </entry>
    <entry>
      <key>mode</key>
      <value>append</value>
    </entry>
  </config>
</marshaller>

```

```

        <marshallerProperties/>
        <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <responderType>fileOutput</responderType>
</responder>

```

POST Response in XML Format

Returns the file output responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>757f8948-dc3c-4a52-a755-c261e2010005</id>
  <links/>
  <name>fileout_responder</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
    <id>757f8948-dc3c-4a52-a755-c261e2010005</id>
    <rel>self</rel>
    <title>fileout_responder</title>
  </self>
  <valid>false</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <dtError>There are no responses associated with this Responder</dtError>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>responders</type>
  <config>
    <entry>
      <key>contents</key>
      <value>writing to my out file</value>
    </entry>
    <entry>
      <key>filename</key>
      <value>response.out</value>
    </entry>
  </config>

```

```

        <entry>
            <key>mode</key>
            <value>append</value>
        </entry>
    </config>
    <marshaller>
        <marshallerProperties/>
        <marshallerThreadsafe>false</marshallerThreadsafe>
    </marshaller>
    <responderType>fileOutput</responderType>
    <responderTypeDisplayName>File Responder</responderTypeDisplayName>
    <responses />
    <topics />
</responder>

```

Response Code : 201 Created

Update File Output Responder

Use the PUT method to update a file output responder in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a file output responder in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
    "name": "MyFileOutputResponder",
    "responderType": "fileOutput",
    "connection": null,
    "valid": true,
    "config": {
        "contents": "writing to my out file",
        "filename": "response.out",
        "mode": "append"
    },
    "marshaller": {
        "marshallerClassname": null,
        "marshallerProperties": {},
        "marshallerThreadsafe": false
    }
}

```

PUT Response in JSON Format

Returns the file output responder object and response code. Returns the error object if an error occurs.

```

{
    "id": "757f8948-dc3c-4a52-a755-c261e2010005",
    "name": "MyFileOutputResponder",
    "valid": false,
    "self": {
        "rel": "self",
        "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",
        "title": "MyFileOutputResponder",
        "id": "757f8948-dc3c-4a52-a755-c261e2010005"
    },
    "actions": [
        {
            "rel": "update",

```

```

        "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",
        "type": "PUT",
        "title": "Edit"
    },
    {
        "rel": "delete",
        "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "createResponse",
        "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005",
        "type": "DELETE",
        "title": "Create Response"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-09-19T18:24:53+05:30",
"createDate": "2013-09-19T18:21:25+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "fileOutput",
"responderTypeDisplayName": "File Responder",
"config": {
    "contents": "writing to my out file",
    "filename": "response.out",
    "mode": "append"
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a file output responder in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>MyFileOutputResponder</name>
  <type>responders</type>
  <config>

```

```

    <entry>
      <key>contents</key>
      <value>writing to my out file</value>
    </entry>
    <entry>
      <key>filename</key>
      <value>response.out</value>
    </entry>
    <entry>
      <key>mode</key>
      <value>append</value>
    </entry>
  </config>
</marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>fileOutput</responderType>
</responder>

```

PUT Response in XML Format

Returns the file output responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>757f8948-dc3c-4a52-a755-c261e2010005</id>
  <links/>
  <name>fileout_responder</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responders/757f8948-dc3c-4a52-a755-c261e2010005</href>
    <id>757f8948-dc3c-4a52-a755-c261e2010005</id>
    <rel>self</rel>
    <title>fileout_responder</title>
  </self>
  <valid>false</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>

```

```

<dtError>There are no responses associated with this Responder</dtError>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responders</type>
<config>
  <entry>
    <key>contents</key>
    <value>writing to my out file</value>
  </entry>
  <entry>
    <key>filename</key>
    <value>response.out</value>
  </entry>
  <entry>
    <key>mode</key>
    <value>append</value>
  </entry>
</config>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responseType>fileOutput</responseType>
<responseTypeDisplayName>File Responder</responseTypeDisplayName>
<responses />
<topics />
</responder>

```

Response Code : 200 OK

Delete File Output Responder

Use the DELETE method to delete a file output responder in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a file output responder in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responders/757f8948-dc3c-4a52-
a755-c261e2010005
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a file output responder in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responders/757f8948-dc3c-4a52-
a755-c261e2010005
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

RTAM Responder

Use the examples to create, update, or delete a RTAM responder.

Create RTAM Responder

Use the POST method to create an RTAM responder in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an RTAM responder in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "rtamresponder",
  "description": "",
  "responderType": "RTAMResponder",
  "connection": null,
  "valid": true,
  "config": {
    "to": "Administrator",
    "groups": null,
    "subject": "RTAM Alert Subject",
    "body": "RTAM Alert Body",
    "actions": null,
    "channels": null,
    "header": null,
    "metadata": null,
    "priority": "3"
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {}
  }
}
```

POST Response in JSON Format

Returns the RTAM responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54",
  "name": "rtamresponder",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
    "title": "rtamresponder",
    "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",

```



```

        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "createResponse",
        "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
        "type": "DELETE",
        "title": "Create Response"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-09-19T17:43:33+05:30",
"createDate": "2013-09-19T17:43:33+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "RTAMResponder",
"responderTypeDisplayName": "RTAM Responder",
"config": {
    "to": "Administrator",
    "body": "RTAM Alert Body",
    "subject": "RTAM Alert Subject",
    "priority": "3",
    "channels": "",
    "header": "",
    "actions": "",
    "groups": "",
    "metadata": null
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": null,
    "marshallerThreadsafe": false
}
}

```

Response Code : 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an RTAM responder in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responders
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>rtamresponder</name>
  <type>responders</type>
  <config>
    <entry>
      <key>to</key>

```

```

        <value>Administrator</value>
    </entry>
    <entry>
        <key>body</key>
        <value>RTAM Alert Body</value>
    </entry>
    <entry>
        <key>subject</key>
        <value>RTAM Alert Subject</value>
    </entry>
    <entry>
        <key>priority</key>
        <value>3</value>
    </entry>
    <entry>
        <key>channels</key>
        <value/>
    </entry>
    <entry>
        <key>header</key>
        <value/>
    </entry>
    <entry>
        <key>actions</key>
        <value/>
    </entry>
    <entry>
        <key>groups</key>
        <value/>
    </entry>
    <entry>
        <key>metadata</key>
    </entry>
</config>
<marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>RTAMResponder</responderType>
</responder>

```

POST Response in XML Format

Returns the RTAM responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
    <acl>
        <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
        <action>
            <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
            <rel>createResponse</rel>
            <title>Create Response</title>
            <type>DELETE</type>
        </action>
    </actions>

```

```

</actions>
<id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
<links/>
<name>rtamresponder</name>
<owningProject>
  <href>api/projects/1</href>
  <id>1</id>
  <rel>owningProject</rel>
  <title>Default Project</title>
</owningProject>
<self>
  <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
  <id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
  <rel>self</rel>
  <title>rtamresponder</title>
</self>
<valid>false</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<dtError>There are no responses associated with this Responder</dtError>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responders</type>
<config>
  <entry>
    <key>to</key>
    <value>Administrator</value>
  </entry>
  <entry>
    <key>body</key>
    <value>RTAM Alert Body</value>
  </entry>
  <entry>
    <key>subject</key>
    <value>RTAM Alert Subject</value>
  </entry>
  <entry>
    <key>priority</key>
    <value>3</value>
  </entry>
  <entry>
    <key>channels</key>
    <value/>
  </entry>
  <entry>
    <key>header</key>
    <value/>
  </entry>
  <entry>
    <key>actions</key>
    <value/>
  </entry>
  <entry>
    <key>groups</key>
    <value/>
  </entry>
  <entry>
    <key>metadata</key>
    <value/>
  </entry>
</config>
<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>RTAMResponder</responderType>
<responderTypeDisplayName>RTAM Responder</responderTypeDisplayName>
<responses />

```

```
<topics />
</responder>
```

Response Code : 201 Created

Update RTAM Responder

Use the PUT method to update a RTAM responder in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an RTAM responder in a RulePoint application.

```
http://invrw28cep14:8080/rulepoint/api/projects/1/responders/d4c831d8-e031-4119-
ac1b-28d4e785ab54
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "name": "MyRTAMResponder",
  "responderType": "RTAMResponder",
  "connection": null,
  "valid": true,
  "config": {
    "to": "Administrator",
    "body": "RTAM Alert Body",
    "subject": "RTAM Alert Subject",
    "priority": "3",
    "channels": null,
    "header": null,
    "actions": null,
    "groups": null,
    "metadata": null
  },
  "marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
  }
}
```

PUT Response in JSON Format

Returns the RTAM responder object and response code. Returns the error object if an error occurs.

```
{
  "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54",
  "name": "MyRTAMResponder",
  "valid": false,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
    "title": "MyRTAMResponder",
    "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",

```

```

        "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
        "type": "DELETE",
        "title": "Delete"
    },
    {
        "rel": "createResponse",
        "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
        "type": "DELETE",
        "title": "Create Response"
    }
],
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responders",
"lastModifiedDate": "2013-09-19T17:49:26+05:30",
"createDate": "2013-09-19T17:43:33+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"dtError": "There are no responses associated with this Responder",
"responderType": "RTAMResponder",
"responderTypeDisplayName": "RTAM Responder",
"config": {
    "to": "Administrator",
    "body": "RTAM Alert Body",
    "subject": "RTAM Alert Subject",
    "priority": "3",
    "channels": "",
    "header": "",
    "actions": "",
    "groups": "",
    "metadata": null
},
"marshaller": {
    "marshallerClassname": null,
    "marshallerProperties": {},
    "marshallerThreadsafe": false
}
}

```

Response Code : 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an RTAM responder in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <name>MyRTAMResponder</name>
  <type>responders</type>
  <config>

```

```

    <entry>
      <key>to</key>
      <value>Administrator</value>
    </entry>
    <entry>
      <key>body</key>
      <value>RTAM Alert Body</value>
    </entry>
    <entry>
      <key>subject</key>
      <value>RTAM Alert Subject</value>
    </entry>
    <entry>
      <key>priority</key>
      <value>3</value>
    </entry>
    <entry>
      <key>channels</key>
      <value/>
    </entry>
    <entry>
      <key>header</key>
      <value/>
    </entry>
    <entry>
      <key>actions</key>
      <value/>
    </entry>
    <entry>
      <key>groups</key>
      <value/>
    </entry>
    <entry>
      <key>metadata</key>
    </entry>
  </config>
</marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
  <responderType>RTAMResponder</responderType>
</responder>

```

PUT Response in XML Format

Returns the RTAM responder object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<responder>
  <acl>
    <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
      <rel>createResponse</rel>
      <title>Create Response</title>
    </action>
  </actions>

```

```

        <type>DELETE</type>
    </action>
</actions>
<id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
<links/>
<name>rtamresponder</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
    <id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
    <rel>self</rel>
    <title>rtamresponder</title>
</self>
<valid>false</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<dtError>There are no responses associated with this Responder</dtError>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responders</type>
<config>
    <entry>
        <key>to</key>
        <value>Administrator</value>
    </entry>
    <entry>
        <key>body</key>
        <value>RTAM Alert Body</value>
    </entry>
    <entry>
        <key>subject</key>
        <value>RTAM Alert Subject</value>
    </entry>
    <entry>
        <key>priority</key>
        <value>3</value>
    </entry>
    <entry>
        <key>channels</key>
        <value/>
    </entry>
    <entry>
        <key>header</key>
        <value/>
    </entry>
    <entry>
        <key>actions</key>
        <value/>
    </entry>
    <entry>
        <key>groups</key>
        <value/>
    </entry>
    <entry>
        <key>metadata</key>
    </entry>
</config>
<marshaller>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<responderType>RTAMResponder</responderType>

```

```

        <responderTypeDisplayName>RTAM Responder</responderTypeDisplayName>
      </responses />
    </topics />
  </responder>

```

Response Code : 200 OK

Delete RTAM Responder

Use the DELETE method to delete a RTAM responder in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an RTAM responder in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responders/d4c831d8-e031-4119-
ac1b-28d4e785ab54
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an RTAM responder in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responders/d4c831d8-e031-4119-
ac1b-28d4e785ab54
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

Responses

You can use API calls to perform various operations with SQL, email, JMS, web service, event transformer, file output, and RTAM responses.

SQL Response

Use the examples to retrieve, create, update, or delete an SQL response.

Create SQL Response

Use the POST method to create an SQL response in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an SQL response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json

```


Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

POST Body in JSON Format

```
{
  "name": "hotstockresponder_response",
  "type": "responses",
  "responseType": "SqlResponder",
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
    "title": "hotstockresponder",
    "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151"
  },
  "config": {
    "sql": "insert into hot_stocks(symbol, price) values('INFA', 38.90)",
    "params": null
  }
}
```

POST Response in JSON Format

Returns the SQL response object and response code. Returns the error object if an error occurs.

```
{
  "id": "11780430-b441-4a03-9733-b2c429d15c45",
  "name": "hotstockresponder_response",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45",
    "title": "hotstockresponder response",
    "id": "11780430-b441-4a03-9733-b2c429d15c45"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responses",
  "lastModifiedDate": "2013-08-20T17:19:15+05:30",
  "createDate": "2013-08-20T17:19:15+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responseType": "SqlResponder",
  "responseTypeDisplayName": "SQL Responder",
}
```

```

    "responder": {
      "rel": "responder",
      "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151",
      "title": "hotstockresponder",
      "id": "8bd61211-404b-4cd4-8a84-f36a7bcdf151"
    },
    "multithreaded": false,
    "config": {
      "sql": "insert into hot_stocks(symbol, price) values('INFA', 38.90)",
      "params": null
    }
  }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an SQL response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>hotstockresponder_response</name>
  <type>responses</type>
  <config>
    <entry>
      <key>sql</key>
      <value>insert into hot_stocks(symbol, price) values('INFA', 38.90)</value>
    </entry>
    <entry>
      <key>params</key>
    </entry>
  </config>
  <multithreaded>>false</multithreaded>
  <responder>
    <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
    <id>8bd61211-404b-4cd4-8a84-f36a7bcdf151</id>
    <rel>responder</rel>
    <title>hotstockresponder</title>
  </responder>
  <responseType>SqlResponder</responseType>
</response>

```

POST Response in XML Format

Returns the SQL response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</href>
      <rel>delete</rel>
    </action>
  </actions>

```

```

        <title>Delete</title>
        <type>DELETE</type>
    </action>
</actions>
<id>11780430-b441-4a03-9733-b2c429d15c45</id>
<links/>
<name>hotstockresponder_response</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</href>
    <id>11780430-b441-4a03-9733-b2c429d15c45</id>
    <rel>self</rel>
    <title>hotstockresponder_response</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responses</type>
<config>
    <entry>
        <key>sql</key>
        <value>insert into hot_stocks(symbol, price) values('INFA', 38.90)</value>
    </entry>
    <entry>
        <key>params</key>
    </entry>
</config>
<multithreaded>false</multithreaded>
<responder>
    <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151</href>
    <id>8bd61211-404b-4cd4-8a84-f36a7bcd151</id>
    <rel>responder</rel>
    <title>hotstockresponder</title>
</responder>
<responseType>SqlResponder</responseType>
<responseTypeDisplayName>SQL Responder</responseTypeDisplayName>
<rules />
<templates />
</response>

```

Response Code : 201 Created

Retrieve SQL Response

Use the GET method to retrieve an SQL response in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following GET request retrieves an SQL response in a RulePoint application.

```

GET http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in JSON Format

```
{
  "total": 3,
  "count": 3,
  "items": [
    {
      "id": "a2e64636-5206-46da-abe9-4c9bb8b592bc",
      "name": "rtam_response",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/responses/a2e64636-5206-46da-abe9-4c9bb8b592bc",
        "title": "rtam_response",
        "id": "a2e64636-5206-46da-abe9-4c9bb8b592bc"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/responses/a2e64636-5206-46da-abe9-4c9bb8b592bc",
          "type": "PUT",
          "title": "Edit"
        },
        {
          "rel": "delete",
          "href": "api/projects/1/responses/a2e64636-5206-46da-abe9-4c9bb8b592bc",
          "type": "DELETE",
          "title": "Delete"
        }
      ],
      "acl": {
        "rel": "acl",
        "href": "api/projects/1/responses/a2e64636-5206-46da-abe9-4c9bb8b592bc/acl",
        "title": "acl"
      },
      "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
      },
      "type": "responses",
      "lastModifiedDate": "2013-08-19T11:21:03+05:30",
      "createDate": "2013-08-19T11:12:55+05:30",
      "createdBy": "Administrator",
      "predefined": false,
      "deployable": true,
      "deployState": "DRAFT",
      "force": false,
      "responseType": "RTAMResponder",
      "responseTypeDisplayName": "RTAM Responder",
      "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/c4851206-93e0-45ee-a013-3fb1d2fc5c5d",
        "title": "rtam",
        "id": "c4851206-93e0-45ee-a013-3fb1d2fc5c5d"
      },
      "multithreaded": false,
      "rules": [
        {
          "href": "api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44",
          "title": "sqlrtamrule",
          "objectType": "rules",
          "id": "f8573cc2-e263-47f8-8ae3-9de8b58c7b44"
        }
      ],
      "config": {
```

```

        "to": "Administrator",
        "body": "re",
        "subject": "re",
        "priority": "3",
        "channels": "",
        "header": "",
        "actions": "",
        "groups": "",
        "metadata": null
    }
},
{
    "id": "f1fbf054-6124-4111-a69e-abe30586deb0",
    "name": "wsresponder_response",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/responses/f1fbf054-6124-4111-a69e-abe30586deb0",
        "title": "wsresponder_response",
        "id": "f1fbf054-6124-4111-a69e-abe30586deb0"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responses/f1fbf054-6124-4111-a69e-
abe30586deb0",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responses/f1fbf054-6124-4111-a69e-
abe30586deb0",
            "type": "DELETE",
            "title": "Delete"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responses/f1fbf054-6124-4111-a69e-abe30586deb0/
acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-08-19T11:10:52+05:30",
    "createDate": "2013-08-19T11:00:58+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "webService",
    "responseTypeDisplayName": "Web Service Responder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c",
        "title": "wsresponder",
        "id": "08ff3fdc-85f3-4bd2-8cd8-06442d7eae0c"
    },
    "multithreaded": false,
    "rules": [
        {
            "href": "api/projects/1/rules/a5046814-e355-4103-b885-71e2ac82ec4c",
            "title": "sqlrule",

```

```

        "objectType": "rules",
        "id": "a5046814-e355-4103-b885-71e2ac82ec4c"
    }
},
"config": {
    "operation": "hello",
    "inputParameters": "hello.name=x; =901",
    "serviceName": "HelloWorldServices"
}
},
{
    "id": "8322f00d-6191-4932-a447-a090e03b5696",
    "name": "fileout_response",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/responses/8322f00d-6191-4932-a447-a090e03b5696",
        "title": "fileout_response",
        "id": "8322f00d-6191-4932-a447-a090e03b5696"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responses/8322f00d-6191-4932-a447-a090e03b5696",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responses/8322f00d-6191-4932-a447-a090e03b5696",
            "type": "DELETE",
            "title": "Delete"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responses/8322f00d-6191-4932-a447-a090e03b5696/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-08-19T11:10:52+05:30",
    "createDate": "2013-07-30T10:10:59+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "fileOutput",
    "responseTypeDisplayName": "File Responder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/73876991-1dc2-47e6-ae1f-56347427a249",
        "title": "fileout",
        "id": "73876991-1dc2-47e6-ae1f-56347427a249"
    },
    "multithreaded": false,
    "rules": [
        {
            "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23",
            "title": "filrule",
            "objectType": "rules",

```

```

        "id": "9e212e7e-96e9-43f6-9725-57b3e3da4e23"
      }
    ],
    "config": {
      "contents": "nest",
      "filename": "best",
      "mode": "append"
    }
  }
}

```

Response Code: 200 OK

GET Request in XML Format

Generate a GET request. For example, the following GET request retrieves an SQL response in a RulePoint application.

```

GET http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in XML Format

Returns the SQL response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<artifacts>
  <count>1</count>
  <items>
    <response>
      <acl>
        <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45/acl</
href>
        <rel>acl</rel>
        <title>acl</title>
      </acl>
      <actions>
        <action>
          <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</
href>
          <rel>update</rel>
          <title>Edit</title>
          <type>PUT</type>
        </action>
        <action>
          <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</
href>
          <rel>delete</rel>
          <title>Delete</title>
          <type>DELETE</type>
        </action>
      </actions>
      <id>11780430-b441-4a03-9733-b2c429d15c45</id>
      <links/>
      <name>hotstockresponder_response</name>
      <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
      </owningProject>
      <self>
        <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</
href>
        <id>11780430-b441-4a03-9733-b2c429d15c45</id>
        <rel>self</rel>
        <title>hotstockresponder_response</title>
      </self>
      <valid>true</valid>
    </response>
  </items>
</artifacts>

```

```

        <createDate/>
        <createdBy>Administrator</createdBy>
        <deployState>DRAFT</deployState>
        <deployable>true</deployable>
        <force>false</force>
        <lastModifiedDate/>
        <predefined>false</predefined>
        <type>responses</type>
        <config>
            <entry>
                <key>sql</key>
                <value>insert into hot_stocks(symbol, price) values('INFA', 38.90)</
value>
            </entry>
            <entry>
                <key>params</key>
            </entry>
        </config>
        <multithreaded>false</multithreaded>
        <responder>
            <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151</
href>
            <id>8bd61211-404b-4cd4-8a84-f36a7bcd151</id>
            <rel>responder</rel>
            <title>hotstockresponder</title>
        </responder>
        <responseType>SqlResponder</responseType>
        <responseTypeDisplayName>SQL Responder</responseTypeDisplayName>
        <rules />
        <templates />
    </response>
</items>
<total>1</total>
<invalidCount>0</invalidCount>
</artifacts>

```

Response Code : 200 OK

Update SQL Response

Use the PUT method to update an SQL response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an SQL response in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responses/11780430-b441-4a03-9733-
b2c429d15c45
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
    "name": "hotstockresponse",
    "type": "responses",
    "responseType": "SqlResponder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
        "title": "hotstockresponder",
        "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151"
    },
    "config": {
        "sql": "insert into hot_stocks(symbol, price) values('INFA', 38.90)",
        "params": null
    }
}

```



```

    }
}

```

PUT Response in JSON Format

Returns the SQL response object and response code. Returns the error object if an error occurs.

```

{
  "id": "11780430-b441-4a03-9733-b2c429d15c45",
  "name": "hotstockresponse",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45",
    "title": "hotstockresponse",
    "id": "11780430-b441-4a03-9733-b2c429d15c45"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responses",
  "lastModifiedDate": "2013-08-20T17:19:15+05:30",
  "createDate": "2013-08-20T17:19:15+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responseType": "SqlResponder",
  "responseTypeDisplayName": "SQL Responder",
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151",
    "title": "hotstockresponder",
    "id": "8bd61211-404b-4cd4-8a84-f36a7bcd151"
  },
  "multithreaded": false,
  "config": {
    "sql": "insert into hot_stocks(symbol, price) values('INFA', 38.90)",
    "params": null
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a an SQL response in a RulePoint application.

```
PUT http://localhost:8080/rulepoint/api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>hotstockresponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>sql</key>
      <value>insert into hot_stocks(symbol, price) values('INFA', 38.90)</value>
    </entry>
    <entry>
      <key>params</key>
    </entry>
  </config>
  <multithreaded>>false</multithreaded>
  <responder>
    <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcd151</href>
    <id>8bd61211-404b-4cd4-8a84-f36a7bcd151</id>
    <rel>responder</rel>
    <title>hotstockresponder</title>
  </responder>
  <responseType>SqlResponder</responseType>
</response>
```

PUT Response in XML Format

Returns the SQL response object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>11780430-b441-4a03-9733-b2c429d15c45</id>
  <links/>
  <name>hotstockresponder_response</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
```

```

        <href>api/projects/1/responses/11780430-b441-4a03-9733-b2c429d15c45</href>
        <id>11780430-b441-4a03-9733-b2c429d15c45</id>
        <rel>self</rel>
        <title>hotstockresponder_response</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
        <entry>
            <key>sql</key>
            <value>insert into hot_stocks(symbol, price) values('INFA', 38.90)</value>
        </entry>
        <entry>
            <key>params</key>
        </entry>
    </config>
    <multithreaded>false</multithreaded>
    <responder>
        <href>api/projects/1/responders/8bd61211-404b-4cd4-8a84-f36a7bcdf151</href>
        <id>8bd61211-404b-4cd4-8a84-f36a7bcdf151</id>
        <rel>responder</rel>
        <title>hotstockresponder</title>
    </responder>
    <responseType>SqlResponder</responseType>
    <responseTypeDisplayName>SQL Responder</responseTypeDisplayName>
    <rules />
    <templates />
</response>

```

Response Code : 200 OK

Delete SQL Response

Use the DELETE method to delete an SQL response in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an SQL response in a RulePoint application.

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responses/11780430-b441-4a03-9733-
b2c429d15c45
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an SQL response in a RulePoint application.

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responses/11780430-b441-4a03-9733-
b2c429d15c45
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

Email Response

Use the examples to create, update, or delete an email response.

Create Email Response

Use the POST method to create an email response in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an email response in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "EmailResponse1",
  "description": "",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "self",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
    "title": "EmailResponder1",
    "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
  },
  "config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": null,
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": null,
    "from": "sbhimisetty@informatica.com",
    "contentType": "text",
    "cc": null
  }
}
```

POST Response in JSON Format

Returns the email response object and response code. Returns the error object if an error occurs.

```
{
  "id": "aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
  "name": "EmailResponse1",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
    "title": "EmailResponse1",
    "id": "aa8c1aa6-31a1-48bb-9e0a-a9477df4e625"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
```

```

        "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
        "type": "DELETE",
        "title": "Delete"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responses",
"lastModifiedDate": "2013-09-13T16:27:51+05:30",
"createDate": "2013-09-13T16:27:51+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"responseType": "EmailResponder",
"responseTypeDisplayName": "Email Responder",
"responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
    "title": "EmailResponder1",
    "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
},
"multithreaded": false,
"config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": "",
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": "",
    "from": "sbhimisetty@informatica.com",
    "contentType": "text",
    "cc": ""
}
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an email response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>EmailResponse1</name>
  <type>responses</type>
  <config>
    <entry>
      <key>to</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>body</key>

```

```

        <value>Test email from EmailResponder</value>
    </entry>
    <entry>
        <key>replyTo</key>
        <value/>
    </entry>
    <entry>
        <key>subject</key>
        <value>Test email subject from EmailResponder</value>
    </entry>
    <entry>
        <key>sentDate</key>
    </entry>
    <entry>
        <key>bcc</key>
        <value/>
    </entry>
    <entry>
        <key>from</key>
        <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
        <key>contentType</key>
        <value>text</value>
    </entry>
    <entry>
        <key>cc</key>
        <value/>
    </entry>
</config>
</responder>
<href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
<id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
<rel>responder</rel>
<title>EmailResponder1</title>
</responder>
<responseType>EmailResponder</responseType>
</response>

```

POST Response in XML Format

Returns the email response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
    <acl>
        <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>aa8claa6-31a1-48bb-9e0a-a9477df4e625</id>
    <links/>
    <name>EmailResponse1</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
    </owningProject>

```

```

        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
        <id>aa8claa6-31a1-48bb-9e0a-a9477df4e625</id>
        <rel>self</rel>
        <title>EmailResponse1</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
        <entry>
            <key>to</key>
            <value>sbhimisetty@informatica.com</value>
        </entry>
        <entry>
            <key>body</key>
            <value>Test email from EmailResponder</value>
        </entry>
        <entry>
            <key>replyTo</key>
            <value/>
        </entry>
        <entry>
            <key>subject</key>
            <value>Test email subject from EmailResponder</value>
        </entry>
        <entry>
            <key>sentDate</key>
        </entry>
        <entry>
            <key>bcc</key>
            <value/>
        </entry>
        <entry>
            <key>from</key>
            <value>sbhimisetty@informatica.com</value>
        </entry>
        <entry>
            <key>contentType</key>
            <value>text</value>
        </entry>
        <entry>
            <key>cc</key>
            <value/>
        </entry>
    </config>
    <multithreaded>false</multithreaded>
    <responder>
        <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
        <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
        <rel>responder</rel>
        <title>EmailResponder1</title>
    </responder>
    <responseType>EmailResponder</responseType>
    <responseTypeDisplayName>Email Responder</responseTypeDisplayName>
    <templates />
    <rules />
</response>

```

Response Code : 201 Created

Update Email Response

Use the PUT method to update an email response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an email response in a RulePoint application.

```
PUT http://localhost:8080/rulepoint/api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "name": "MyEmailResponse",
  "description": "",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "self",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
    "title": "EmailResponder1",
    "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
  },
  "config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": null,
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": null,
    "from": "sbhimisetty@informatica.com",
    "contentType": "text",
    "cc": null
  }
}
```

PUT Response in JSON Format

Returns the email response object and response code 200 OK. Returns the error object if an error occurs.

```
{
  "id": "aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
  "name": "MyEmailResponse",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
    "title": "MyEmailResponse",
    "id": "aa8c1aa6-31a1-48bb-9e0a-a9477df4e625"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
```



```

        "rel": "acl",
        "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-09-13T16:27:51+05:30",
    "createDate": "2013-09-13T16:27:51+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "EmailResponder",
    "responseTypeDisplayName": "Email Responder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
        "title": "EmailResponder1",
        "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
    },
    "multithreaded": false,
    "config": {
        "to": "user@mycompany.com",
        "body": "Test email from EmailResponder",
        "replyTo": "",
        "subject": "Test email subject from EmailResponder",
        "sentDate": null,
        "bcc": "",
        "from": "user@mycompany.com",
        "contentType": "text",
        "cc": ""
    }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an email response in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyEmailResponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>to</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>body</key>
      <value>Test email from EmailResponder</value>
    </entry>
    <entry>
      <key>replyTo</key>
      <value/>
    </entry>
  </config>
</response>

```

```

    </entry>
    <entry>
      <key>subject</key>
      <value>Test email subject from EmailResponder</value>
    </entry>
    <entry>
      <key>sentDate</key>
    </entry>
    <entry>
      <key>bcc</key>
      <value/>
    </entry>
    <entry>
      <key>from</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>contentType</key>
      <value>text</value>
    </entry>
    <entry>
      <key>cc</key>
      <value/>
    </entry>
  </config>
  <responder>
    <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
    <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
    <rel>responder</rel>
    <title>EmailResponder1</title>
  </responder>
  <responseType>EmailResponder</responseType>
</response>

```

PUT Response in XML Format

Returns the email response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>aa8claa6-31a1-48bb-9e0a-a9477df4e625</id>
  <links/>
  <name>EmailResponse1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
    <id>aa8claa6-31a1-48bb-9e0a-a9477df4e625</id>
  </self>

```

```

        <rel>self</rel>
        <title>EmailResponse1</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
        <entry>
            <key>to</key>
            <value>sbhimisetty@informatica.com</value>
        </entry>
        <entry>
            <key>body</key>
            <value>Test email from EmailResponder</value>
        </entry>
        <entry>
            <key>replyTo</key>
            <value/>
        </entry>
        <entry>
            <key>subject</key>
            <value>Test email subject from EmailResponder</value>
        </entry>
        <entry>
            <key>sentDate</key>
        </entry>
        <entry>
            <key>bcc</key>
            <value/>
        </entry>
        <entry>
            <key>from</key>
            <value>sbhimisetty@informatica.com</value>
        </entry>
        <entry>
            <key>contentType</key>
            <value>text</value>
        </entry>
        <entry>
            <key>cc</key>
            <value/>
        </entry>
    </config>
    <multithreaded>false</multithreaded>
    <responder>
        <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
        <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
        <rel>responder</rel>
        <title>EmailResponder1</title>
    </responder>
    <responseType>EmailResponder</responseType>
    <responseTypeDisplayName>Email Responder</responseTypeDisplayName>
    <templates />
    <rules />
</response>

```

Response Code : 200 OK

Update Email Response

Use the PUT method to update an email response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an email response in a RulePoint application.

```
PUT http://localhost:8080/rulepoint/api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "name": "MyEmailResponse",
  "description": "",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "self",
    "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
    "title": "EmailResponder1",
    "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
  },
  "config": {
    "to": "sbhimisetty@informatica.com",
    "body": "Test email from EmailResponder",
    "replyTo": null,
    "subject": "Test email subject from EmailResponder",
    "sentDate": null,
    "bcc": null,
    "from": "sbhimisetty@informatica.com",
    "contentType": "text",
    "cc": null
  }
}
```

PUT Response in JSON Format

Returns the email response object and response code 200 OK. Returns the error object if an error occurs.

```
{
  "id": "aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
  "name": "MyEmailResponse",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
    "title": "MyEmailResponse",
    "id": "aa8c1aa6-31a1-48bb-9e0a-a9477df4e625"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
```

```

        "rel": "acl",
        "href": "api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-09-13T16:27:51+05:30",
    "createDate": "2013-09-13T16:27:51+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "EmailResponder",
    "responseTypeDisplayName": "Email Responder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1",
        "title": "EmailResponder1",
        "id": "26154ed7-41ce-4db4-888f-ce5573e965d1"
    },
    "multithreaded": false,
    "config": {
        "to": "user@mycompany.com",
        "body": "Test email from EmailResponder",
        "replyTo": "",
        "subject": "Test email subject from EmailResponder",
        "sentDate": null,
        "bcc": "",
        "from": "user@mycompany.com",
        "contentType": "text",
        "cc": ""
    }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an email response in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responses/aa8c1aa6-31a1-48bb-9e0a-a9477df4e625
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyEmailResponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>to</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>body</key>
      <value>Test email from EmailResponder</value>
    </entry>
    <entry>
      <key>replyTo</key>
      <value/>
    </entry>
  </config>
</response>

```

```

    </entry>
    <entry>
      <key>subject</key>
      <value>Test email subject from EmailResponder</value>
    </entry>
    <entry>
      <key>sentDate</key>
    </entry>
    <entry>
      <key>bcc</key>
      <value/>
    </entry>
    <entry>
      <key>from</key>
      <value>sbhimisetty@informatica.com</value>
    </entry>
    <entry>
      <key>contentType</key>
      <value>text</value>
    </entry>
    <entry>
      <key>cc</key>
      <value/>
    </entry>
  </config>
</responder>
<href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
<id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
<rel>responder</rel>
<title>EmailResponder1</title>
</responder>
<responseType>EmailResponder</responseType>
</response>

```

PUT Response in XML Format

Returns the email response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>aa8claa6-31a1-48bb-9e0a-a9477df4e625</id>
  <links/>
  <name>EmailResponse1</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responses/aa8claa6-31a1-48bb-9e0a-a9477df4e625</href>
    <id>aa8claa6-31a1-48bb-9e0a-a9477df4e625</id>
  </self>

```

```

        <rel>self</rel>
        <title>EmailResponse1</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
        <entry>
            <key>to</key>
            <value>sbhimisetty@informatica.com</value>
        </entry>
        <entry>
            <key>body</key>
            <value>Test email from EmailResponder</value>
        </entry>
        <entry>
            <key>replyTo</key>
            <value/>
        </entry>
        <entry>
            <key>subject</key>
            <value>Test email subject from EmailResponder</value>
        </entry>
        <entry>
            <key>sentDate</key>
        </entry>
        <entry>
            <key>bcc</key>
            <value/>
        </entry>
        <entry>
            <key>from</key>
            <value>sbhimisetty@informatica.com</value>
        </entry>
        <entry>
            <key>contentType</key>
            <value>text</value>
        </entry>
        <entry>
            <key>cc</key>
            <value/>
        </entry>
    </config>
    <multithreaded>false</multithreaded>
    <responder>
        <href>api/projects/1/responders/26154ed7-41ce-4db4-888f-ce5573e965d1</href>
        <id>26154ed7-41ce-4db4-888f-ce5573e965d1</id>
        <rel>responder</rel>
        <title>EmailResponder1</title>
    </responder>
    <responseType>EmailResponder</responseType>
    <responseTypeDisplayName>Email Responder</responseTypeDisplayName>
    <templates />
    <rules />
</response>

```

Response Code : 200 OK

JMS Response

Use the examples to create, update, or delete a JMS response.

Create JMS Response

Use the POST method to create a JMS response in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a JMS response in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "jmsresponder_response",
  "type": "responses",
  "responseType": "JMSResponder",
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
    "title": "jmsresponder",
    "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7"
  },
  "multithreaded": false,
  "config": {
    "body": "test message",
    "retryCount": "3",
    "priority": "4",
    "retryDelay": "1000",
    "deliveryMode": "2",
    "params": null,
    "timeToLive": "0",
    "destination": "jmsQueue"
  }
}
```

POST Response in JSON Format

Returns the JMS response object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "id": "acb4152d-d034-468d-be96-d95178200755",
  "name": "jmsresponder_response",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",
    "title": "jmsresponder_response",
    "id": "acb4152d-d034-468d-be96-d95178200755"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",

```



```

        "type": "DELETE",
        "title": "Delete"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "responses",
"lastModifiedDate": "2013-08-23T15:20:20+05:30",
"createDate": "2013-08-23T15:20:20+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"responseType": "JMSResponder",
"responseTypeDisplayName": "JMS Responder",
"responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
    "title": "jmsresponder",
    "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7"
},
"multithreaded": false,
"config": {
    "body": "test message",
    "retryCount": "3",
    "priority": "4",
    "retryDelay": "1000",
    "deliveryMode": "2",
    "params": null,
    "timeToLive": "0",
    "destination": "jmsQueue"
}
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a JMS response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>jmsresponder_response</name>
  <type>responses</type>
  <config>
    <entry>
      <key>body</key>
      <value>test message</value>
    </entry>
    <entry>
      <key>retryCount</key>
      <value>3</value>
    </entry>
  </config>
</response>

```

```

    <entry>
      <key>priority</key>
      <value>4</value>
    </entry>
    <entry>
      <key>retryDelay</key>
      <value>1000</value>
    </entry>
    <entry>
      <key>deliveryMode</key>
      <value>2</value>
    </entry>
    <entry>
      <key>params</key>
    </entry>
    <entry>
      <key>timeToLive</key>
      <value>0</value>
    </entry>
    <entry>
      <key>destination</key>
      <value>jmsQueue</value>
    </entry>
  </config>
<multithreaded>>false</multithreaded>
<responder>
  <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
  <id>ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</id>
  <rel>responder</rel>
  <title>jmsresponder</title>
</responder>
<responseType>JMSResponder</responseType>
<responseTypeDisplayName>JMS Responder</responseTypeDisplayName>
</response>

```

POST Response in XML Format

Returns the JMS response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>acb4152d-d034-468d-be96-d95178200755</id>
  <links/>
  <name>jmsresponder_response</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755</href>
  </self>

```

```

        <id>acb4152d-d034-468d-be96-d95178200755</id>
        <rel>self</rel>
        <title>jmsresponder_response</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
        <entry>
            <key>body</key>
            <value>test message</value>
        </entry>
        <entry>
            <key>retryCount</key>
            <value>3</value>
        </entry>
        <entry>
            <key>priority</key>
            <value>4</value>
        </entry>
        <entry>
            <key>retryDelay</key>
            <value>1000</value>
        </entry>
        <entry>
            <key>deliveryMode</key>
            <value>2</value>
        </entry>
        <entry>
            <key>params</key>
        </entry>
        <entry>
            <key>timeToLive</key>
            <value>0</value>
        </entry>
        <entry>
            <key>destination</key>
            <value>jmsQueue</value>
        </entry>
    </config>
    <multithreaded>false</multithreaded>
    <responder>
        <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
        <id>ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</id>
        <rel>responder</rel>
        <title>jmsresponder</title>
    </responder>
    <responseType>JMSResponder</responseType>
    <responseTypeDisplayName>JMS Responder</responseTypeDisplayName>
    <templates />
    <rules />
</response>

```

Response Code : 201 Created

Update JMS Response

Use the PUT method to update a JMS response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a JMS response in a RulePoint application.

```
PUT http://localhost:8080/rulepoint/api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

Returns the JMS response object and response code. Returns the error object if an error occurs.

```
{
  "name": "ActiveMQResponse",
  "type": "responses",
  "responseType": "JMSResponder",
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
    "title": "jmsresponder",
    "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7"
  },
  "multithreaded": false,
  "config": {
    "body": "test message",
    "retryCount": "3",
    "priority": "4",
    "retryDelay": "1000",
    "deliveryMode": "2",
    "params": null,
    "timeToLive": "0",
    "destination": "jmsQueue"
  }
}
```

PUT Response in JSON Format

```
{
  "id": "acb4152d-d034-468d-be96-d95178200755",
  "name": "ActiveMQResponse",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",
    "title": "ActiveMQResponse",
    "id": "acb4152d-d034-468d-be96-d95178200755"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
```

```

        "href": "api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-08-23T15:20:20+05:30",
    "createDate": "2013-08-23T15:20:20+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "JMSResponder",
    "responseTypeDisplayName": "JMS Responder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7",
        "title": "jmsresponder",
        "id": "ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7"
    },
    "multithreaded": false,
    "config": {
        "body": "test message",
        "retryCount": "3",
        "priority": "4",
        "retryDelay": "1000",
        "deliveryMode": "2",
        "params": null,
        "timeToLive": "0",
        "destination": "jmsQueue"
    }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a JMS response in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responses/acb4152d-d034-468d-be96-
d95178200755
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>ActiveMQResponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>body</key>
      <value>test message</value>
    </entry>
    <entry>
      <key>retryCount</key>
      <value>3</value>
    </entry>
    <entry>
      <key>priority</key>
      <value>4</value>
    </entry>
  </config>
</response>

```

```

        <key>retryDelay</key>
        <value>1000</value>
    </entry>
    <entry>
        <key>deliveryMode</key>
        <value>2</value>
    </entry>
    <entry>
        <key>params</key>
    </entry>
    <entry>
        <key>timeToLive</key>
        <value>0</value>
    </entry>
    <entry>
        <key>destination</key>
        <value>jmsQueue</value>
    </entry>
</config>
<multithreaded>>false</multithreaded>
<responder>
    <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
    <id>ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</id>
    <rel>responder</rel>
    <title>jmsresponder</title>
</responder>
<responseType>JMSResponder</responseType>
<responseTypeDisplayName>JMS Responder</responseTypeDisplayName>
</response>

```

PUT Response in XML Format

Returns the JMS response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
    <acl>
        <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>acb4152d-d034-468d-be96-d95178200755</id>
    <links/>
    <name>jmsresponder_response</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755</href>
        <id>acb4152d-d034-468d-be96-d95178200755</id>
        <rel>self</rel>
        <title>jmsresponder_response</title>
    </self>
    <valid>true</valid>

```

```

<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responses</type>
<config>
  <entry>
    <key>body</key>
    <value>test message</value>
  </entry>
  <entry>
    <key>retryCount</key>
    <value>3</value>
  </entry>
  <entry>
    <key>priority</key>
    <value>4</value>
  </entry>
  <entry>
    <key>retryDelay</key>
    <value>1000</value>
  </entry>
  <entry>
    <key>deliveryMode</key>
    <value>2</value>
  </entry>
  <entry>
    <key>params</key>
  </entry>
  <entry>
    <key>timeToLive</key>
    <value>0</value>
  </entry>
  <entry>
    <key>destination</key>
    <value>jmsQueue</value>
  </entry>
</config>
<multithreaded>false</multithreaded>
<responder>
  <href>api/projects/1/responders/ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</href>
  <id>ec9ba07c-7ac1-48b0-8b7d-ffcd35c1f8f7</id>
  <rel>responder</rel>
  <title>jmsresponder</title>
</responder>
<responseType>JMSResponder</responseType>
<responseTypeDisplayName>JMS Responder</responseTypeDisplayName>
<templates />
<rules />
</response>

```

Response Code : 200 OK

Delete JMS Response

Use the DELETE method to delete a JMS response in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS response in a RulePoint application.

```
DELETE http://localhost:8080/rulepoint/api/projects/1/responses/acb4152d-d034-468d-be96-d95178200755
```

```
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS response in a RulePoint application.

```
DELETE http://localhost:8080/rulepoint/api/projects/1/responses/acb4152d-d034-468d-be96-
d95178200755
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No Content

Web Service Response

Use the examples to create, update, or delete a web service response.

Create Web Service Response

Use the POST method to create a JMS response in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a JMS response in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "MyWebServiceResponder_response",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "self",
    "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
    "title": "MyWebServiceResponder",
    "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01"
  },
  "config": {
    "operation": "hello",
    "inputParameters": "hello.name=Chris",
    "serviceName": "HelloWorldServices"
  }
}
```

POST Response in JSON Format

Returns the JMS response object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "id": "994714e0-f56a-44ca-9b03-a7562367370c",
  "name": "MyWebServiceResponder_response",
  "valid": true,
  "self": {
    "rel": "self",
```



```

        "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c",
        "title": "MyWebServiceResponder_response",
        "id": "994714e0-f56a-44ca-9b03-a7562367370c"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c",
            "type": "DELETE",
            "title": "Delete"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-09-13T17:12:11+05:30",
    "createDate": "2013-09-13T17:12:11+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "webService",
    "responseTypeDisplayName": "Web Service Responder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
        "title": "MyWebServiceResponder",
        "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01"
    },
    "multithreaded": false,
    "config": {
        "operation": "hello",
        "inputParameters": "hello.name=Chris",
        "serviceName": "HelloWorldServices"
    }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a JMS response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyWebServiceResponder_response</name>
  <type>responses</type>

```

```

<config>
  <entry>
    <key>operation</key>
    <value>hello</value>
  </entry>
  <entry>
    <key>inputParameters</key>
    <value>hello.name=Chris</value>
  </entry>
  <entry>
    <key>serviceName</key>
    <value>HelloWorldServices</value>
  </entry>
</config>
<responder>
  <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
  <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
  <rel>responder</rel>
  <title>MyWebServiceResponder</title>
</responder>
<responseType>webService</responseType>
</response>

```

POST Response in XML Format

Returns the JMS response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>994714e0-f56a-44ca-9b03-a7562367370c</id>
  <links/>
  <name>MyWebServiceResponder_response</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c</href>
    <id>994714e0-f56a-44ca-9b03-a7562367370c</id>
    <rel>self</rel>
    <title>MyWebServiceResponder_response</title>
  </self>
  <valid>true</valid>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>

```

```

<type>responses</type>
<config>
  <entry>
    <key>operation</key>
    <value>hello</value>
  </entry>
  <entry>
    <key>inputParameters</key>
    <value>hello.name=Chris</value>
  </entry>
  <entry>
    <key>serviceName</key>
    <value>HelloWorldServices</value>
  </entry>
</config>
<multithreaded>>false</multithreaded>
<responder>
  <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
  <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
  <rel>responder</rel>
  <title>MyWebServiceResponder</title>
</responder>
<responseType>webService</responseType>
<responseTypeDisplayName>Web Service Responder</responseTypeDisplayName>
<templates />
<rules />
</response>

```

Response Code : 201 Created

Update Web Service Response

Use the PUT method to update a Web Service response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a Web Service response in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

Returns the Web Service response object and response code 200 OK. Returns the error object if an error occurs.

```

{
  "name": "MyWebServiceResponse",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
    "title": "MyWebServiceResponder",
    "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01"
  },
  "config": {
    "operation": "hello",
    "inputParameters": "hello.name=Chris",
    "serviceName": "HelloWorldServices"
  }
}

```

PUT Response in JSON Format

Returns the Web Service response object and response code. Returns the error object if an error occurs.

```
{
  "id": "994714e0-f56a-44ca-9b03-a7562367370c",
  "name": "MyWebServiceResponse",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c",
    "title": "MyWebServiceResponse",
    "id": "994714e0-f56a-44ca-9b03-a7562367370c"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responses",
  "lastModifiedDate": "2013-09-13T17:14:55+05:30",
  "createDate": "2013-09-13T17:12:11+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responseType": "webService",
  "responseTypeDisplayName": "Web Service Responder",
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01",
    "title": "MyWebServiceResponder",
    "id": "776acc35-7a4a-47e1-8b9a-07f7d8bb6f01"
  },
  "multithreaded": false,
  "config": {
    "operation": "hello",
    "inputParameters": "hello.name=Chris",
    "serviceName": "HelloWorldServices"
  }
}
```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a Web Service response in a RulePoint application.

```
PUT http://localhost:8080/rulepoint/api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyWebServiceResponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>operation</key>
      <value>hello</value>
    </entry>
    <entry>
      <key>inputParameters</key>
      <value>hello.name=Chris</value>
    </entry>
    <entry>
      <key>serviceName</key>
      <value>HelloWorldServices</value>
    </entry>
  </config>
  <responder>
    <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
    <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
    <rel>responder</rel>
    <title>MyWebServiceResponder</title>
  </responder>
  <responseType>webService</responseType>
</response>
```

PUT Response in XML Format

Returns the Web Service response object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>994714e0-f56a-44ca-9b03-a7562367370c</id>
  <links/>
  <name>MyWebServiceResponder_response</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
```

```

        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c</href>
        <id>994714e0-f56a-44ca-9b03-a7562367370c</id>
        <rel>self</rel>
        <title>MyWebServiceResponder_response</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
        <entry>
            <key>operation</key>
            <value>hello</value>
        </entry>
        <entry>
            <key>inputParameters</key>
            <value>hello.name=Chris</value>
        </entry>
        <entry>
            <key>serviceName</key>
            <value>HelloWorldServices</value>
        </entry>
    </config>
    <multithreaded>false</multithreaded>
    <responder>
        <href>api/projects/1/responders/776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</href>
        <id>776acc35-7a4a-47e1-8b9a-07f7d8bb6f01</id>
        <rel>responder</rel>
        <title>MyWebServiceResponder</title>
    </responder>
    <responseType>webService</responseType>
    <responseTypeDisplayName>Web Service Responder</responseTypeDisplayName>
    <templates />
    <rules />
</response>

```

Response Code : 200 OK

Delete Web Service Response

Use the DELETE method to delete a Web Service response in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS response in a RulePoint application.

```

DELETE http://localhost:8080/rulepoint/api/projects/1/responses/994714e0-f56a-44ca-9b03-
a7562367370c
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a JMS response in a RulePoint application.

```
DELETE http://localhost:8080/rulepoint/api/projects/1/responses/994714e0-f56a-44ca-9b03-a7562367370c
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No Content

Event Transformer Response

Use the examples to create, update, or delete an event transformer response.

Create Event Transformer Response

Use the POST method to create an event transformer response in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an event transformer response in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

Returns the event transformer response object and response code 201 OK. Returns the error object if an error occurs.

```
{
  "name": "event_transformer_response",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "self",
    "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
    "title": "MyEventTransformer",
    "id": "c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5"
  },
  "config": {
    "topic": "topic1 as topic2",
    "params": "newproperty=100",
    "properties": "*"
  }
}
```

POST Response in JSON Format

Returns the event transformer response object and response code. Returns the error object if an error occurs.

```
{
  "id": "69c36892-e18f-49ae-acab-ca78f9d8b100",
  "name": "event_transformer_response",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100",
    "title": "event_transformer_response",
  }
}
```

```

        "id": "69c36892-e18f-49ae-acab-ca78f9d8b100"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100",
            "type": "DELETE",
            "title": "Delete"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-09-19T18:10:48+05:30",
    "createDate": "2013-09-19T18:10:48+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "EventTransformer",
    "responseTypeDisplayName": "Event Transformer",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
        "title": "MyEventTransformer",
        "id": "c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5"
    },
    "multithreaded": false,
    "config": {
        "topic": "topic1 as topic2",
        "params": "newproperty=100",
        "properties": ""
    }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an event transformer response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>event_transformer_response</name>
  <type>responses</type>
  <config>
    <entry>

```



```

        <key>topic</key>
        <value>topic1 as topic2</value>
    </entry>
    <entry>
        <key>params</key>
        <value>newproperty=100</value>
    </entry>
    <entry>
        <key>properties</key>
        <value>*</value>
    </entry>
</config>
<multithreaded>>false</multithreaded>
<responder>
    <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
    <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
    <rel>responder</rel>
    <title>MyEventTransformer</title>
</responder>
<responseType>EventTransformer</responseType>
</response>

```

POST Response in XML Format

Returns the event transformer response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
    <acl>
        <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
    </actions>
    <id>69c36892-e18f-49ae-acab-ca78f9d8b100</id>
    <links/>
    <name>event_transformer_response</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100</href>
        <id>69c36892-e18f-49ae-acab-ca78f9d8b100</id>
        <rel>self</rel>
        <title>event_transformer_response</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>

```

```

<config>
  <entry>
    <key>topic</key>
    <value>topic1 as topic2</value>
  </entry>
  <entry>
    <key>params</key>
    <value>newproperty=100</value>
  </entry>
  <entry>
    <key>properties</key>
    <value>*</value>
  </entry>
</config>
<multithreaded>>false</multithreaded>
<responder>
  <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
  <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
  <rel>responder</rel>
  <title>MyEventTransformer</title>
</responder>
<responseType>EventTransformer</responseType>
<responseTypeDisplayName>Event Transformer</responseTypeDisplayName>
<templates />
<rules />
</response>

```

Response Code : 201 Created

Update Event Transformer Response

Use the PUT method to update an event transformer response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an event transformer response in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

Returns the event transformer response object and response code. Returns the error object if an error occurs.

```

{
  "name": "MyEventTransformerResponse",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
    "title": "MyEventTransformer",
    "id": "c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5"
  },
  "config": {
    "topic": "topic1 as topic2",
    "params": "newproperty=100",
    "properties": ""
  }
}

```

PUT Response in JSON Format

Returns the event transformer response object and response code. Returns the error object if an error occurs.

```
{
  "id": "69c36892-e18f-49ae-acab-ca78f9d8b100",
  "name": "MyEventTransformerResponse",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100",
    "title": "MyEventTransformerResponse",
    "id": "69c36892-e18f-49ae-acab-ca78f9d8b100"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responses",
  "lastModifiedDate": "2013-09-19T18:14:24+05:30",
  "createDate": "2013-09-19T18:10:48+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responseType": "EventTransformer",
  "responseTypeDisplayName": "Event Transformer",
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5",
    "title": "MyEventTransformer",
    "id": "c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5"
  },
  "multithreaded": false,
  "config": {
    "topic": "topic1 as topic2",
    "params": "newproperty=100",
    "properties": ""
  }
}
```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an event transformer response in a RulePoint application.

```
PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyEventTransformerResponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>topic</key>
      <value>topic1 as topic2</value>
    </entry>
    <entry>
      <key>params</key>
      <value>newproperty=100</value>
    </entry>
    <entry>
      <key>properties</key>
      <value>*</value>
    </entry>
  </config>
  <multithreaded>>false</multithreaded>
  <responder>
    <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
    <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
    <rel>responder</rel>
    <title>MyEventTransformer</title>
  </responder>
  <responseType>EventTransformer</responseType>
</response>
```

PUT Response in XML Format

Returns the event transformer response object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
  </actions>
  <id>69c36892-e18f-49ae-acab-ca78f9d8b100</id>
  <links/>
  <name>MyEventTransformerResponse</name>
  <owningProject>
    <href>api/projects/1</href>
  </owningProject>
</response>
```

```

        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/responses/69c36892-e18f-49ae-acab-ca78f9d8b100</href>
        <id>69c36892-e18f-49ae-acab-ca78f9d8b100</id>
        <rel>self</rel>
        <title>MyEventTransformerResponse</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
        <entry>
            <key>topic</key>
            <value>topic1 as topic2</value>
        </entry>
        <entry>
            <key>params</key>
            <value>newproperty=100</value>
        </entry>
        <entry>
            <key>properties</key>
            <value>*</value>
        </entry>
    </config>
    <multithreaded>false</multithreaded>
    <responder>
        <href>api/projects/1/responders/c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</href>
        <id>c1e571f9-6d29-4d4b-bb78-f8c61a8cf7b5</id>
        <rel>responder</rel>
        <title>MyEventTransformer</title>
    </responder>
    <responseType>EventTransformer</responseType>
    <responseTypeDisplayName>Event Transformer</responseTypeDisplayName>
    <templates />
    <rules />
</response>

```

Response Code : 200 OK

Delete Event Transformer Response

Use the DELETE method to delete an event transformer response in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an event transformer response in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responses/69c36892-e18f-49ae-
acab-ca78f9d8b100
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an event transformer response in a RulePoint application.

```
DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responses/69c36892-e18f-49ae-
acab-ca78f9d8b100
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No Content

RTAM Response

Use the examples to create, update, or delete an RTAM response.

Create RTAM Response

Use the POST method to create an RTAM response in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates an RTAM response in a RulePoint application.

```
POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "rtamresponse",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "self",
    "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
    "title": "MyRTAMResponder",
    "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54"
  },
  "config": {
    "to": "Administrator",
    "body": "RTAM Alert Body",
    "subject": "RTAM Alert Subject",
    "priority": "3",
    "channels": null,
    "header": null,
    "actions": null,
    "groups": null,
    "metadata": null
  }
}
```

POST Response in JSON Format

Returns the RTAM response object and response code. Returns the error object if an error occurs.

```
{
  "id": "10467fff-8e53-4d23-b227-a663a7e458e3",
  "name": "rtamresponse",
  "valid": true,
  "self": {
```

```

        "rel": "self",
        "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3",
        "title": "rtamresponse",
        "id": "10467fff-8e53-4d23-b227-a663a7e458e3"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3",
            "type": "DELETE",
            "title": "Delete"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-09-19T17:51:50+05:30",
    "createDate": "2013-09-19T17:51:50+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "RTAMResponder",
    "responseTypeDisplayName": "RTAM Responder",
    "responder": {
        "rel": "responder",
        "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
        "title": "MyRTAMResponder",
        "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54"
    },
    "multithreaded": false,
    "config": {
        "to": "Administrator",
        "body": "RTAM Alert Body",
        "subject": "RTAM Alert Subject",
        "priority": "3",
        "channels": "",
        "header": "",
        "actions": "",
        "groups": "",
        "metadata": null
    }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates an RTAM response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml

```

Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>rtamresponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>to</key>
      <value>Administrator</value>
    </entry>
    <entry>
      <key>body</key>
      <value>RTAM Alert Body</value>
    </entry>
    <entry>
      <key>subject</key>
      <value>RTAM Alert Subject</value>
    </entry>
    <entry>
      <key>priority</key>
      <value>3</value>
    </entry>
    <entry>
      <key>channels</key>
      <value/>
    </entry>
    <entry>
      <key>header</key>
      <value/>
    </entry>
    <entry>
      <key>actions</key>
      <value/>
    </entry>
    <entry>
      <key>groups</key>
      <value/>
    </entry>
    <entry>
      <key>metadata</key>
      <value/>
    </entry>
  </config>
  <responder>
    <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
    <id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
    <rel>responder</rel>
    <title>MyRTAMResponder</title>
  </responder>
  <responseType>RTAMResponder</responseType>
</response>
```

POST Response in XML Format

Returns the RTAM response object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3</href>
      <rel>update</rel>
      <title>Edit</title>
    </action>
  </actions>
</response>
```



```

        <type>PUT</type>
      </action>
      <action>
        <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3</href>
        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
      </action>
    </actions>
    <id>10467fff-8e53-4d23-b227-a663a7e458e3</id>
    <links/>
    <name>rtamresponse</name>
    <owningProject>
      <href>api/projects/1</href>
      <id>1</id>
      <rel>owningProject</rel>
      <title>Default Project</title>
    </owningProject>
    <self>
      <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3</href>
      <id>10467fff-8e53-4d23-b227-a663a7e458e3</id>
      <rel>self</rel>
      <title>rtamresponse</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>responses</type>
    <config>
      <entry>
        <key>to</key>
        <value>Administrator</value>
      </entry>
      <entry>
        <key>body</key>
        <value>RTAM Alert Body</value>
      </entry>
      <entry>
        <key>subject</key>
        <value>RTAM Alert Subject</value>
      </entry>
      <entry>
        <key>priority</key>
        <value>3</value>
      </entry>
      <entry>
        <key>channels</key>
        <value/>
      </entry>
      <entry>
        <key>header</key>
        <value/>
      </entry>
      <entry>
        <key>actions</key>
        <value/>
      </entry>
      <entry>
        <key>groups</key>
        <value/>
      </entry>
      <entry>
        <key>metadata</key>
      </entry>
    </config>

```

```

<multithreaded>false</multithreaded>
<responder>
  <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
  <id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
  <rel>responder</rel>
  <title>MyRTAMResponder</title>
</responder>
<responseType>RTAMResponder</responseType>
<responseTypeDisplayName>RTAM Responder</responseTypeDisplayName>
<templates />
<rules />
</response>

```

Response Code : 201 Created

Update RTAM Response

Use the PUT method to update an RTAM response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates an RTAM response in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responses/10467fff-8e53-4d23-b227-
a663a7e458e3
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "MyRTAMResponse",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
    "title": "MyRTAMResponder",
    "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54"
  },
  "config": {
    "to": "Administrator",
    "body": "RTAM Alert Body",
    "subject": "RTAM Alert Subject",
    "priority": "3",
    "channels": null,
    "header": null,
    "actions": null,
    "groups": null,
    "metadata": null
  }
}

```

PUT Response in JSON Format

Returns the RTAM response object and response code. Returns the error object if an error occurs.

```

{
  "id": "10467fff-8e53-4d23-b227-a663a7e458e3",
  "name": "MyRTAMResponse",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3",
    "title": "MyRTAMResponse",
    "id": "10467fff-8e53-4d23-b227-a663a7e458e3"
  }
}

```

```

    },
    "actions": [
      {
        "rel": "update",
        "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3",
        "type": "PUT",
        "title": "Edit"
      },
      {
        "rel": "delete",
        "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3",
        "type": "DELETE",
        "title": "Delete"
      }
    ],
    "acl": {
      "rel": "acl",
      "href": "api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3/acl",
      "title": "acl"
    },
    "owningProject": {
      "rel": "owningProject",
      "href": "api/projects/1",
      "title": "Default Project",
      "id": "1"
    },
    "type": "responses",
    "lastModifiedDate": "2013-09-19T17:56:01+05:30",
    "createDate": "2013-09-19T17:51:50+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "responseType": "RTAMResponder",
    "responseTypeDisplayName": "RTAM Responder",
    "responder": {
      "rel": "responder",
      "href": "api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54",
      "title": "MyRTAMResponder",
      "id": "d4c831d8-e031-4119-ac1b-28d4e785ab54"
    },
    "multithreaded": false,
    "config": {
      "to": "Administrator",
      "body": "RTAM Alert Body",
      "subject": "RTAM Alert Subject",
      "priority": "3",
      "channels": "",
      "header": "",
      "actions": "",
      "groups": "",
      "metadata": null
    }
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates an RTAM response in a RulePoint application.

```

PUT http://invrw28cep14:8080/rulepoint/api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyRTAMResponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>to</key>
      <value>Administrator</value>
    </entry>
    <entry>
      <key>body</key>
      <value>RTAM Alert Body</value>
    </entry>
    <entry>
      <key>subject</key>
      <value>RTAM Alert Subject</value>
    </entry>
    <entry>
      <key>priority</key>
      <value>3</value>
    </entry>
    <entry>
      <key>channels</key>
      <value/>
    </entry>
    <entry>
      <key>header</key>
      <value/>
    </entry>
    <entry>
      <key>actions</key>
      <value/>
    </entry>
    <entry>
      <key>groups</key>
      <value/>
    </entry>
    <entry>
      <key>metadata</key>
      <value/>
    </entry>
  </config>
  <responder>
    <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>
    <id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
    <rel>responder</rel>
    <title>MyRTAMResponder</title>
  </responder>
  <responseType>RTAMResponder</responseType>
</response>
```

PUT Response in XML Format

Returns the RTAM response object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
  </actions>
</response>
```

```

        <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3</href>
        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
    </action>
</actions>
<id>10467fff-8e53-4d23-b227-a663a7e458e3</id>
<links/>
<name>rtamresponse</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/responses/10467fff-8e53-4d23-b227-a663a7e458e3</href>
    <id>10467fff-8e53-4d23-b227-a663a7e458e3</id>
    <rel>self</rel>
    <title>rtamresponse</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responses</type>
<config>
    <entry>
        <key>to</key>
        <value>Administrator</value>
    </entry>
    <entry>
        <key>body</key>
        <value>RTAM Alert Body</value>
    </entry>
    <entry>
        <key>subject</key>
        <value>RTAM Alert Subject</value>
    </entry>
    <entry>
        <key>priority</key>
        <value>3</value>
    </entry>
    <entry>
        <key>channels</key>
        <value/>
    </entry>
    <entry>
        <key>header</key>
        <value/>
    </entry>
    <entry>
        <key>actions</key>
        <value/>
    </entry>
    <entry>
        <key>groups</key>
        <value/>
    </entry>
    <entry>
        <key>metadata</key>
    </entry>
</config>
<multithreaded>false</multithreaded>
<responder>
    <href>api/projects/1/responders/d4c831d8-e031-4119-ac1b-28d4e785ab54</href>

```

```

        <id>d4c831d8-e031-4119-ac1b-28d4e785ab54</id>
        <rel>responder</rel>
        <title>MyRTAMResponder</title>
    </responder>
    <responseType>RTAMResponder</responseType>
    <responseTypeDisplayName>RTAM Responder</responseTypeDisplayName>
    <templates />
    <rules />
</response>

```

Response Code : 200 OK

Delete RTAM Response

Use the DELETE method to delete an RTAM response in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes an RTAM response in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responses/10467fff-8e53-4d23-
b227-a663a7e458e3
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes an RTAM response in a RulePoint application.

```

DELETE http://invrw28cep14:8080/rulepoint/api/projects/1/responses/10467fff-8e53-4d23-
b227-a663a7e458e3
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code : 204 No Content

File Output Response

Use the examples to create, update, or delete a file output response.

Create File Output Response

Use the POST method to create a File Output response in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a file output response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in JSON Format

```

{
    "name": "MyFileOutputResponder_Response",

```

```

    "valid": true,
    "force": false,
    "responder": {
      "rel": "self",
      "href": "api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe",
      "title": "MyFileOutputResponder",
      "id": "be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe"
    },
    "config": {
      "contents": "RulePoint FileOUt response",
      "filename": "response.txt",
      "mode": "append"
    }
  }
}

```

POST Response in JSON Format

Returns the File Output response object and response code 201 OK. Returns the error object if an error occurs.

```

{
  "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb",
  "name": "MyFileOutputResponder_Response",
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
    "title": "MyFileOutputResponder_Response",
    "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responses",
  "valid": true,
  "lastModifiedDate": "2013-09-26T15:14:58+05:30",
  "createDate": "2013-09-26T15:14:58+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responseType": "fileOutput",
  "responseTypeDisplayName": "File Responder",
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe",
    "title": "MyFileOutputResponder",
    "id": "be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe"
  }
}

```

```

    },
    "multithreaded": false,
    "config": {
        "contents": "RulePoint FileOUT response",
        "filename": "response.txt",
        "mode": "append"
    }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a file output response in a RulePoint application.

```

POST http://localhost:8080/rulepoint/api/projects/1/responses
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyFileOutputResponder_Response</name>
  <type>responses</type>
  <config>
    <entry>
      <key>contents</key>
      <value>RulePoint FileOUT response</value>
    </entry>
    <entry>
      <key>filename</key>
      <value>response.txt</value>
    </entry>
    <entry>
      <key>mode</key>
      <value>append</value>
    </entry>
  </config>
  <responder>
    <href>api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</href>
    <id>be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</id>
    <rel>responder</rel>
    <title>MyFileOutputResponder</title>
  </responder>
  <responseType>fileOutput</responseType>
</response>

```

POST Response in XML Format

Returns the file output response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
      <rel>delete</rel>
    </action>
  </actions>

```



```

        <title>Delete</title>
        <type>DELETE</type>
    </action>
</actions>
<id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
<name>MyFileOutputResponder_Response</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
    <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
    <rel>self</rel>
    <title>MyFileOutputResponder_Response</title>
</self>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responses</type>
<valid>true</valid>
<config>
    <entry>
        <key>contents</key>
        <value>RulePoint FileOUt response</value>
    </entry>
    <entry>
        <key>filename</key>
        <value>response.txt</value>
    </entry>
    <entry>
        <key>mode</key>
        <value>append</value>
    </entry>
</config>
<multithreaded>false</multithreaded>
<responder>
    <href>api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</href>
    <id>be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</id>
    <rel>responder</rel>
    <title>MyFileOutputResponder</title>
</responder>
<responseType>fileOutput</responseType>
<responseTypeDisplayName>File Responder</responseTypeDisplayName>
<templates />
<rules />
</response>

```

Response Code : 201 Created

Update File Output Response

Use the PUT method to update a file output response in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a file output response in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responses/c792b088-5f99-4b4b-9b28-
b02d2c618edb
Accept: application/json

```

Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

PUT Body in JSON Format

```
{
  "name": "MyFileOutputResponse",
  "valid": true,
  "force": false,
  "responder": {
    "rel": "responder",
    "href": "api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe",
    "title": "MyFileOutputResponder",
    "id": "be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe"
  },
  "config": {
    "contents": "RulePoint FileOUt response",
    "filename": "response.txt",
    "mode": "append"
  }
}
```

PUT Response in JSON Format

Returns the file output response object and response code 200 OK. Returns the error object if an error occurs.

```
{
  "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb",
  "name": "MyFileOutputResponse",
  "self": {
    "rel": "self",
    "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
    "title": "MyFileOutputResponse",
    "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
      "type": "DELETE",
      "title": "Delete"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "responses",
  "valid": true,
  "lastModifiedDate": "2013-09-26T15:18:53+05:30",
  "createDate": "2013-09-26T15:14:58+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "responseType": "fileOutput",
}
```

```

    "responseTypeDisplayName": "File Responder",
    "responder": {
      "rel": "responder",
      "href": "api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe",
      "title": "MyFileOutputResponder",
      "id": "be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe"
    },
    "multithreaded": false,
    "config": {
      "contents": "RulePoint FileOUT response",
      "filename": "response.txt",
      "mode": "append"
    }
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a file output response in a RulePoint application.

```

PUT http://localhost:8080/rulepoint/api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <name>MyFileOutputResponse</name>
  <type>responses</type>
  <config>
    <entry>
      <key>contents</key>
      <value>RulePoint FileOUT response</value>
    </entry>
    <entry>
      <key>filename</key>
      <value>response.txt</value>
    </entry>
    <entry>
      <key>mode</key>
      <value>append</value>
    </entry>
  </config>
  <responder>
    <href>api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</href>
    <id>be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</id>
    <rel>responder</rel>
    <title>MyFileOutputResponder</title>
  </responder>
  <responseType>fileOutput</responseType>
</response>

```

PUT Response in XML Format

Returns the file output response object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<response>
  <acl>
    <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>

```

```

        <rel>update</rel>
        <title>Edit</title>
        <type>PUT</type>
    </action>
    <action>
        <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
    </action>
</actions>
<id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
<name>MyFileOutputResponder_Response</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
    <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
    <rel>self</rel>
    <title>MyFileOutputResponder_Response</title>
</self>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>responses</type>
<valid>true</valid>
<config>
    <entry>
        <key>contents</key>
        <value>RulePoint FileOUT response</value>
    </entry>
    <entry>
        <key>filename</key>
        <value>response.txt</value>
    </entry>
    <entry>
        <key>mode</key>
        <value>append</value>
    </entry>
</config>
<multithreaded>false</multithreaded>
<responder>
    <href>api/projects/1/responders/be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</href>
    <id>be6d395e-e8c2-4bb5-8d3f-1aa359dc5bbe</id>
    <rel>responder</rel>
    <title>MyFileOutputResponder</title>
</responder>
<responseType>fileOutput</responseType>
<responseTypeDisplayName>File Responder</responseTypeDisplayName>
<templates />
<rules />
</response>

```

Response Code : 200 OK

Delete File Output Response

Use the DELETE method to delete a file output response in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a file output response in a RulePoint application.

```
DELETE http://localhost:8080/rulepoint/api/projects/1/responses/
c792b088-5f99-4b4b-9b28-b02d2c618edb

Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a file output response in a RulePoint application.

```
DELETE http://localhost:8080/rulepoint/api/projects/1/responses/c792b088-5f99-4b4b-9b28-
b02d2c618edb
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No content

Marshaller

You can create or update a marshaller for a source.

Create a Marshaller

Use the POST method to create a marshaller for a source.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a marshaller in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "MyFileInputSource",
  "description": "",
  "valid": true,
  "sourceType": "FileSource",
  "connection": null,
  "topics": [
    {
      "rel": "self",
      "href": "api/projects/1/topics/45a09189-2edd-475a-8106-502f7da3115d",
```

```

        "title": "filetopic",
        "id": "45a09189-2edd-475a-8106-502f7da3115d"
    }
},
"config": {
    "file": "c:\\temp\\myfile.txt",
    "mode": "new",
    "markerId": null,
    "propertyMetadataMap": null
},
"marshaller": {
    "marshallerClassname": "com.mycompany.MyMarshaller",
    "marshallerProperties": {}
}
}

```

POST Response in JSON Format

Returns the marshaller object and response code 201 created. Returns the error object if an error occurs.

```

{
    "id": "f420484c-3cb9-4e51-9d18-a5db2eba6599",
    "name": "MyFileInputSource",
    "self": {
        "rel": "self",
        "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599",
        "title": "MyFileInputSource",
        "id": "f420484c-3cb9-4e51-9d18-a5db2eba6599"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "createSchedule",
            "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/
schedules",
            "type": "POST",
            "title": "Create Schedule"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "sources",
    "valid": false,
    "lastModifiedDate": "2013-09-26T16:39:49+05:30",
    "createDate": "2013-09-26T16:39:49+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,

```

```

    "dtError": "There are no schedules attached to this Source",
    "sourceType": "FileSource",
    "sourceTypeDisplayName": "File Source",
    "schedulable": true,
    "config": {
      "file": "c:\\temp\\myfile.txt",
      "markerId": "",
      "propertyMetadataMap": null,
      "mode": "new"
    },
    "topics": [
      {
        "href": "api/projects/1/topics/45a09189-2edd-475a-8106-502f7da3115d",
        "title": "filetopic",
        "objectType": "topics",
        "id": "45a09189-2edd-475a-8106-502f7da3115d"
      }
    ],
    "marshaller": {
      "marshallerClassname": "com.mycompany.MyMarshaller",
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a marshaller in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/sources
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>jmssource</name>
  <type>sources</type>
  <config>
    <entry>
      <key>clientAcknowledgeMode</key>
      <value>AUTO_ACKNOWLEDGE</value>
    </entry>
    <entry>
      <key>clientId</key>
      <value/>
    </entry>
    <entry>
      <key>destination</key>
      <value>jmsQueue</value>
    </entry>
    <entry>
      <key>messageSelector</key>
      <value/>
    </entry>
    <entry>
      <key>subscriptionName</key>
      <value/>
    </entry>
  </config>
  <connection>
    <href>api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25</href>
    <id>894b2948-ce82-4e0a-9302-267d3482ae25</id>
    <rel>connection</rel>
    <title>jmsconnection</title>
  </connection>
</source>

```

```

<marshaller>
  <marshallerProperties/>
  <marshallerThreadsafe>>false</marshallerThreadsafe>
</marshaller>
<schedulable>>false</schedulable>
<sourceType>JMSSource</sourceType>
<sourceTypeDisplayName>JMS Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/6e9c0ae9-fce0-4219-9e58-639af4e79daa</href>
    <id>6e9c0ae9-fce0-4219-9e58-639af4e79daa</id>
    <objectType>topics</objectType>
    <title>jmstopic</title>
  </topic>
</topics>
</source>

```

POST Response in XML Format

Returns the marshaller object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <acl>
    <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
    <action>
      <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/schedules</
href>
      <rel>createSchedule</rel>
      <title>Create Schedule</title>
      <type>POST</type>
    </action>
  </actions>
  <id>f420484c-3cb9-4e51-9d18-a5db2eba6599</id>
  <name>MyFileInputSource</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599</href>
    <id>f420484c-3cb9-4e51-9d18-a5db2eba6599</id>
    <rel>self</rel>
    <title>MyFileInputSource</title>
  </self>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <description/>
  <dtError>There are no schedules attached to this Source</dtError>
  <force>>false</force>
  <lastModifiedDate/>

```



```

<predefined>false</predefined>
<type>sources</type>
<valid>false</valid>
<config>
  <entry>
    <key>file</key>
    <value>c:\temp\myfile.txt</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
  </entry>
  <entry>
    <key>mode</key>
    <value>new</value>
  </entry>
</config>
<marshaller>
  <marshallerClassname>com.mycompany.MyMarshaller</marshallerClassname>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<sourceType>FileSource</sourceType>
<sourceTypeDisplayName>File Source</sourceTypeDisplayName>
<topics>
  <topic>
    <href>api/projects/1/topics/45a09189-2edd-475a-8106-502f7da3115d</href>
    <id>45a09189-2edd-475a-8106-502f7da3115d</id>
    <objectType>topics</objectType>
    <title>filetopic</title>
  </topic>
</topics>
</source>

```

Response Code: 201 Created

Note:

When you create a marshaller for a responder, add the following code in the request body if you use the JSON format:

```

"marshaller": {
  "marshallerClassname": "com.mycompany.MyMarshaller",
  "marshallerProperties": {}}

```

Add the following code in the request body if you use the XML format:

```

<marshaller>
  <marshallerClassname>com.mycompany.MyMarshaller</marshallerClassname>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>

```

Update a Marshaller

Use the PUT method to update a marshaller in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a marshaller in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599

```

```
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

PUT Body in JSON Format

```
{
  "name": "MyFileInputSource",
  "description": "",
  "valid": true,
  "sourceType": "FileSource",
  "connection": null,
  "topics": [
    {
      "rel": "self",
      "href": "api/projects/1/topics/45a09189-2edd-475a-8106-502f7da3115d",
      "title": "filetopic",
      "id": "45a09189-2edd-475a-8106-502f7da3115d"
    }
  ],
  "config": {
    "file": "c:\\temp\\myfile.txt",
    "mode": "new",
    "markerId": null,
    "propertyMetadataMap": null
  },
  "marshaller": {
    "marshallerClassname": "com.mycompany.MySourceMarshaller",
    "marshallerProperties": {}
  }
}
```

PUT Response in JSON Format

Returns the marshaller object and source code 200 OK. Returns the error object if an error occurs.

```
{
  "id": "f420484c-3cb9-4e51-9d18-a5db2eba6599",
  "name": "MyFileInputSource",
  "self": {
    "rel": "self",
    "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599",
    "title": "MyFileInputSource",
    "id": "f420484c-3cb9-4e51-9d18-a5db2eba6599"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "createSchedule",
      "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/schedules",
      "type": "POST",
      "title": "Create Schedule"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/acl",
    "title": "acl"
  }
}
```

```

    },
    "owningProject": {
      "rel": "owningProject",
      "href": "api/projects/1",
      "title": "Default Project",
      "id": "1"
    },
    "type": "sources",
    "valid": false,
    "lastModifiedDate": "2013-09-26T16:39:49+05:30",
    "createDate": "2013-09-26T16:39:49+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "dtError": "There are no schedules attached to this Source",
    "sourceType": "FileSource",
    "sourceTypeDisplayName": "File Source",
    "schedulable": true,
    "config": {
      "file": "c:\\temp\\myfile.txt",
      "markerId": "",
      "propertyMetadataMap": null,
      "mode": "new"
    },
    "topics": [
      {
        "href": "api/projects/1/topics/45a09189-2edd-475a-8106-502f7da3115d",
        "title": "filetopic",
        "objectType": "topics",
        "id": "45a09189-2edd-475a-8106-502f7da3115d"
      }
    ],
    "marshaller": {
      "marshallerClassname": "com.mycompany.MySourceMarshaller",
      "marshallerProperties": {},
      "marshallerThreadsafe": false
    }
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

```

PUT http://localhost:8080/rulepoint/api/projects/1/sources/f420484c-3cb9-4e51-9d18-
a5db2eba6599
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

Generate a PUT request. For example, the following PUT request updates a marshaller in a RulePoint application:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
  <name>MyFileInputSource</name>
  <type>sources</type>
  <valid>false</valid>
  <config>
    <entry>
      <key>file</key>
      <value>c:\temp\myfile.txt</value>
    </entry>
    <entry>
      <key>markerId</key>
      <value/>
    </entry>
  </config>
</source>

```

```

        <key>propertyMetadataMap</key>
    </entry>
    <entry>
        <key>mode</key>
        <value>new</value>
    </entry>
</config>
<marshaller>
    <marshallerClassname>com.mycompany.MySourceMarshaller</marshallerClassname>
    <marshallerProperties/>
    <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<sourceType>FileSource</sourceType>
<sourceTypeDisplayName>File Source</sourceTypeDisplayName>
<topics>
    <href>api/projects/1/topics/45a09189-2edd-475a-8106-502f7da3115d</href>
    <id>45a09189-2edd-475a-8106-502f7da3115d</id>
    <objectType>topics</objectType>
    <title>filetopic</title>
</topics>
</source>

```

PUT Response in XML Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<source>
    <acl>
        <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599</href>
        <rel>update</rel>
        <title>Edit</title>
        <type>PUT</type>
    </actions>
    <actions>
        <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599</href>
        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
    </actions>
    <actions>
        <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599/schedules</
href>
        <rel>createSchedule</rel>
        <title>Create Schedule</title>
        <type>POST</type>
    </actions>
    <id>f420484c-3cb9-4e51-9d18-a5db2eba6599</id>
    <name>MyFileInputSource</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>
    <self>
        <href>api/projects/1/sources/f420484c-3cb9-4e51-9d18-a5db2eba6599</href>
        <id>f420484c-3cb9-4e51-9d18-a5db2eba6599</id>
        <rel>self</rel>
        <title>MyFileInputSource</title>
    </self>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <description/>

```

```

<dtError>There are no schedules attached to this Source</dtError>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>sources</type>
<valid>false</valid>
<config>
  <entry>
    <key>file</key>
    <value>c:\temp\myfile.txt</value>
  </entry>
  <entry>
    <key>markerId</key>
    <value/>
  </entry>
  <entry>
    <key>propertyMetadataMap</key>
  </entry>
  <entry>
    <key>mode</key>
    <value>new</value>
  </entry>
</config>
<marshaller>
  <marshallerClassname>com.mycompany.MySourceMarshaller</marshallerClassname>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>
<schedulable>true</schedulable>
<sourceType>FileSource</sourceType>
<sourceTypeDisplayName>File Source</sourceTypeDisplayName>
<topics>
  <href>api/projects/1/topics/45a09189-2edd-475a-8106-502f7da3115d</href>
  <id>45a09189-2edd-475a-8106-502f7da3115d</id>
  <objectType>topics</objectType>
  <title>filetopic</title>
</topics>
</source>

```

Response Code: 200 OK

Note:

When you update a marshaller for a responder, add the following code in the request body if you use the JSON format:

```

<marshaller>
  <marshallerClassname>com.mycompany.MySourceMarshaller</marshallerClassname>
  <marshallerProperties/>

```

Add the following code in the request body if you use the XML format:

```

<marshaller>
  <marshallerClassname>com.mycompany.MySourceMarshaller</marshallerClassname>
  <marshallerProperties/>
  <marshallerThreadsafe>false</marshallerThreadsafe>
</marshaller>

```

Template

You can create, update, or delete a template.

Create a Template

Use the POST method to create a template.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a template in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/templates
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "template_stock_rule",
  "description": "",
  "instructions": "",
  "comment": "A template for creating rules around stocks",
  "templateDrqlText": "when 1 stock with symbol = '<<symbol>>' and price > '<<price>>'
then MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'",
  "multithreaded": true,
  "force": true,
  "upgrade": false,
  "templateParameters": [
    {
      "name": "symbol",
      "fieldName": "symbol",
      "paramType": "String",
      "testParamValue": "XYZ",
      "defaultParamValue": "XYZ",
      "setDefault": true,
      "paramOrder": 0
    },
    {
      "name": "price",
      "fieldName": "price",
      "paramOrder": 1,
      "paramType": "Real",
      "testParamValue": "38.89",
      "defaultParamValue": "38.89",
      "setDefault": true
    }
  ]
}
```

POST Response in JSON Format

Returns the template object and response code. Returns the error object if an error occurs.

```
{
  "id": "3d385b72-232a-4caa-861c-c59072a98b44",
  "name": "template_stock_rule",
  "self": {
    "rel": "self",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
    "title": "template_stock_rule",
    "id": "3d385b72-232a-4caa-861c-c59072a98b44"
  },
}
```

```

"actions": [
  {
    "rel": "createDeploymentPolicy",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44/
deploymentPolicy",
    "type": "POST",
    "title": "Create Deployment Policy"
  },
  {
    "rel": "createTemplateRule",
    "href": "api/projects/1",
    "type": "DELETE",
    "title": "Create Template Rule"
  },
  {
    "rel": "delete",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
    "type": "DELETE",
    "title": "Delete"
  },
  {
    "rel": "update",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
    "type": "PUT",
    "title": "Edit"
  }
],
"acl": {
  "rel": "acl",
  "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44/acl",
  "title": "acl"
},
"owningProject": {
  "rel": "owningProject",
  "href": "api/projects/1",
  "title": "Default Project",
  "id": "1"
},
"description": "",
"type": "templates",
"valid": true,
"lastModifiedDate": "2013-09-26T15:26:14+05:30",
"createDate": "2013-09-26T15:26:14+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": false,
"deployState": "DRAFT",
"force": false,
"templateParameters": [
  {
    "paramType": "String",
    "name": "symbol",
    "defaultParamValue": "XYZ",
    "testParamValue": "XYZ",
    "format": "",
    "picklist": "",
    "description": "",
    "leftLabel": "",
    "rightLabel": "",
    "popupHelp": "",
    "inlineHelp": null,
    "valueList": null,
    "minimum": null,
    "maximum": null,
    "realMin": null,
    "realMax": null,
    "maxLength": null,
    "setDefault": true,
    "fieldName": "symbol",
    "customValidationValue": [],

```

```

        "watchlist": null,
        "topicName": "",
        "paramOrder": 0
    },
    {
        "paramType": "Real",
        "name": "price",
        "defaultParamValue": "38.89",
        "testParamValue": "38.89",
        "format": "",
        "picklist": "",
        "description": "",
        "leftLabel": "",
        "rightLabel": "",
        "popupHelp": "",
        "inlineHelp": null,
        "valueList": null,
        "minimum": null,
        "maximum": null,
        "realMin": null,
        "realMax": null,
        "maxLength": null,
        "setDefault": true,
        "fieldName": "price",
        "customValidationValue": null,
        "watchlist": null,
        "topicName": "",
        "paramOrder": 1
    }
],
"rules": [],
"topics": [
    {
        "href": "api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655",
        "title": "stock",
        "objectType": "topics",
        "id": "c03e56e5-3718-4989-b23b-fe6f342ea655"
    }
],
"watchlists": [],
"analytics": [],
"responses": [
    {
        "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
        "title": "MyFileOutputResponse",
        "objectType": "responses",
        "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb"
    }
],
"comment": "A template for creating rules around stocks",
"upgrade": false,
"multithreaded": true,
"templateDrqlText": "when 1 stock with symbol = '<<symbol>>' and price > '<<price>>'
then MyFileOutputResponse with contents='${stock.symbol} price is greater than ${
{stock.price}}'",
"instructions": "",
"templateDrqlTextFormatted": "when 1 stock with symbol = '&lt;&lt;symbol&gt;&gt;,'
and price &gt; '&lt;&lt;price&gt;&gt;,' then MyFileOutputResponse with contents='${
{stock.symbol} price is greater than ${stock.price}}'"
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a template in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/templates
Accept: application/xml

```


Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

POST Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
  <name>stock_rule</name>
  <description/>
  <type>rules</type>
  <valid>true</valid>
  <drqlStatement>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
  <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
  <multithreaded>false</multithreaded>
  <responses>
    <response>
      <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
      <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
      <objectType>responses</objectType>
      <title>MyFileOutputResponse</title>
    </response>
  </responses>
  <ruleType>template</ruleType>
  <template>
    <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
    <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
    <rel>template</rel>
    <title>templ_stock_rule</title>
  </template>
  <templateParams>
    <entry>
      <key>price</key>
      <value>38.89</value>
    </entry>
    <entry>
      <key>symbol</key>
      <value>XYZ</value>
    </entry>
  </templateParams>
  <topics>
    <topic>
      <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
      <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
      <objectType>topics</objectType>
      <title>stock</title>
    </topic>
  </topics>
</rule>
```

POST Response in XML Format

Returns the template object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
  <acl>
    <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961/acl</href>
    <rel>acl</rel>
    <title>acl</title>
  </acl>
  <actions>
    <action>
      <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
      <rel>update</rel>
      <title>Edit</title>
      <type>PUT</type>
    </action>
```

```

    <action>
      <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
      <rel>delete</rel>
      <title>Delete</title>
      <type>DELETE</type>
    </action>
    <action>
      <href>api/projects/1/deploy</href>
      <rel>deploy</rel>
      <title>Deploy</title>
      <type>POST</type>
    </action>
    <action>
      <rel>createAdvancedRule</rel>
      <title>Create Advanced Rule</title>
      <type>POST</type>
    </action>
    <action>
      <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
      <rel>createTemplate</rel>
      <title>Create Template</title>
      <type>POST</type>
    </action>
  </actions>
  <id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
  <name>stock_rule</name>
  <owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
  </owningProject>
  <self>
    <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
    <id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
    <rel>self</rel>
    <title>stock_rule</title>
  </self>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <deployState>DRAFT</deployState>
  <deployable>true</deployable>
  <description/>
  <force>false</force>
  <lastModifiedDate/>
  <predefined>false</predefined>
  <type>rules</type>
  <valid>true</valid>
  <drqlStatement>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='{stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
  <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='{stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
  <multithreaded>false</multithreaded>
  <responses>
    <response>
      <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
      <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
      <objectType>responses</objectType>
      <title>MyFileOutputResponse</title>
    </response>
  </responses>
  <ruleType>template</ruleType>
  <template>
    <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
    <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
    <rel>template</rel>
    <title>templ_stock_rule</title>
  </template>

```

```

<templateParams>
  <entry>
    <key>price</key>
    <value>38.89</value>
  </entry>
  <entry>
    <key>symbol</key>
    <value>XYZ</value>
  </entry>
</templateParams>
<topics>
  <topic>
    <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
    <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
    <objectType>topics</objectType>
    <title>stock</title>
  </topic>
</topics>
</rule>

```

Response Code: 201 Created

Update a Template

Use the PUT method to update a template in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a template in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/templates/3d385b72-232a-4caa-861c-
c59072a98b44
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in JSON Format

```

{
  "name": "templ_stock_rule",
  "description": "",
  "instructions": "",
  "comment": "A template for creating rules around stocks",
  "templateDrqlText": "when 1 stock with symbol = '<<symbol>>' and price > '<<price>>'
then MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'",
  "multithreaded": false,
  "force": false,
  "upgrade": false,
  "templateParameters": [
    {
      "paramType": "String",
      "name": "symbol",
      "defaultParamValue": "XYZ",
      "testParamValue": "XYZ",
      "format": "",
      "picklist": "",
      "description": "",
      "leftLabel": "",
      "rightLabel": "",
      "popupHelp": "",
      "inlineHelp": null,
      "valueList": null,
      "minimum": null,
      "maximum": null,
      "realMin": null,
      "realMax": null,
    }
  ]
}

```

```

        "maxLength": null,
        "setDefault": true,
        "fieldName": "symbol",
        "customValidationValue": [],
        "watchlist": null,
        "topicName": "",
        "paramOrder": 0
    },
    {
        "paramType": "Real",
        "name": "price",
        "defaultParamValue": "38.89",
        "testParamValue": "38.89",
        "format": "",
        "picklist": "",
        "description": "",
        "leftLabel": "",
        "rightLabel": "",
        "popupHelp": "",
        "inlineHelp": null,
        "valueList": null,
        "minimum": null,
        "maximum": null,
        "realMin": null,
        "realMax": null,
        "maxLength": null,
        "setDefault": true,
        "fieldName": "price",
        "customValidationValue": null,
        "watchlist": null,
        "topicName": "",
        "paramOrder": 1
    }
]
}

```

PUT Response in JSON Format

Returns the template object and source code. Returns the error object if an error occurs.

```

{
    "id": "3d385b72-232a-4caa-861c-c59072a98b44",
    "name": "templ_stock_rule",
    "self": {
        "rel": "self",
        "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
        "title": "templ_stock_rule",
        "id": "3d385b72-232a-4caa-861c-c59072a98b44"
    },
    "actions": [
        {
            "rel": "createDeploymentPolicy",
            "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44/deploymentPolicy",
            "type": "POST",
            "title": "Create Deployment Policy"
        },
        {
            "rel": "createTemplateRule",
            "href": "api/projects/1",
            "type": "DELETE",
            "title": "Create Template Rule"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
            "type": "DELETE",
            "title": "Delete"
        }
    ]
}

```

```

        "rel": "update",
        "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
        "type": "PUT",
        "title": "Edit"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"description": "",
"type": "templates",
"valid": true,
"lastModifiedDate": "2013-09-26T15:38:08+05:30",
"createDate": "2013-09-26T15:26:14+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": false,
"deployState": "DRAFT",
"force": false,
"templateParameters": [
    {
        "paramType": "String",
        "name": "symbol",
        "defaultParamValue": "XYZ",
        "testParamValue": "XYZ",
        "format": "",
        "picklist": "",
        "description": "",
        "leftLabel": "",
        "rightLabel": "",
        "popupHelp": "",
        "inlineHelp": null,
        "valueList": null,
        "minimum": null,
        "maximum": null,
        "realMin": null,
        "realMax": null,
        "maxLength": null,
        "setDefault": true,
        "fieldName": "symbol",
        "customValidationValue": [],
        "watchlist": null,
        "topicName": "",
        "paramOrder": 0
    },
    {
        "paramType": "Real",
        "name": "price",
        "defaultParamValue": "38.89",
        "testParamValue": "38.89",
        "format": "",
        "picklist": "",
        "description": "",
        "leftLabel": "",
        "rightLabel": "",
        "popupHelp": "",
        "inlineHelp": null,
        "valueList": null,
        "minimum": null,
        "maximum": null,
        "realMin": null,
        "realMax": null,
    }
]

```

```

        "maxLength": null,
        "setDefault": true,
        "fieldName": "price",
        "customValidationValue": null,
        "watchlist": null,
        "topicName": "",
        "paramOrder": 1
    }
},
"rules": [],
"topics": [
    {
        "href": "api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655",
        "title": "stock",
        "objectType": "topics",
        "id": "c03e56e5-3718-4989-b23b-fe6f342ea655"
    }
],
"watchlists": [],
"analytics": [],
"responses": [
    {
        "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
        "title": "MyFileOutputResponse",
        "objectType": "responses",
        "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb"
    }
],
"comment": "A template for creating rules around stocks",
"upgrade": false,
"multithreaded": false,
"templateDrqlText": "when 1 stock with symbol = '<<symbol>>' and price > '<<price>>'
then MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'",
"instructions": "",
"templateDrqlTextFormatted": "when 1 stock with symbol = '&lt;&lt;symbol&gt;&gt;'
and price &gt; '&lt;&lt;price&gt;&gt;' then MyFileOutputResponse with contents='${
{stock.symbol} price is greater than ${stock.price}'"
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a template in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/templates/3d385b72-232a-4caa-861c-
c59072a98b44
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
  <name>stock_rule</name>
  <description/>
  <type>rules</type>
  <valid>true</valid>
  <drqlStatement>when 1 stock with symbol = 'XYZ' and price &gt; '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
  <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price &gt; '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
  <multithreaded>>false</multithreaded>
  <responses>
    <response>
      <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
    </response>
  </responses>
</rule>

```

```

        <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
        <objectType>responses</objectType>
        <title>MyFileOutputResponse</title>
    </response>
</responses>
<ruleType>template</ruleType>
<template>
    <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
    <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
    <rel>template</rel>
    <title>templ_stock_rule</title>
</template>
<templateParams>
    <entry>
        <key>price</key>
        <value>38.89</value>
    </entry>
    <entry>
        <key>symbol</key>
        <value>XYZ</value>
    </entry>
</templateParams>
<topics>
    <topic>
        <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
        <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
        <objectType>topics</objectType>
        <title>stock</title>
    </topic>
</topics>
</rule>

```

PUT Response in XML Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
    <acl>
        <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <action>
            <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
            <rel>update</rel>
            <title>Edit</title>
            <type>PUT</type>
        </action>
        <action>
            <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
            <rel>delete</rel>
            <title>Delete</title>
            <type>DELETE</type>
        </action>
        <action>
            <href>api/projects/1/deploy</href>
            <rel>deploy</rel>
            <title>Deploy</title>
            <type>POST</type>
        </action>
        <action>
            <rel>createAdvancedRule</rel>
            <title>Create Advanced Rule</title>
            <type>POST</type>
        </action>
        <action>
            <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
            <rel>createTemplate</rel>
            <title>Create Template</title>
        </action>
    </actions>

```

```

        <type>POST</type>
    </action>
</actions>
<id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
<name>stock_rule</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
    <id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
    <rel>self</rel>
    <title>stock_rule</title>
</self>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<description/>
<force>>false</force>
<lastModifiedDate/>
<predefined>>false</predefined>
<type>rules</type>
<valid>true</valid>
<drqlStatement>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
    <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
    <multithreaded>>false</multithreaded>
    <responses>
        <response>
            <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
            <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
            <objectType>responses</objectType>
            <title>MyFileOutputResponse</title>
        </response>
    </responses>
    <ruleType>template</ruleType>
    <template>
        <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
        <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
        <rel>template</rel>
        <title>templ_stock_rule</title>
    </template>
    <templateParams>
        <entry>
            <key>price</key>
            <value>38.89</value>
        </entry>
        <entry>
            <key>symbol</key>
            <value>XYZ</value>
        </entry>
    </templateParams>
    <topics>
        <topic>
            <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
            <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
            <objectType>topics</objectType>
            <title>stock</title>
        </topic>
    </topics>
</rule>

```

Response Code: 200 OK

Delete a Template

Use the DELETE method to delete a template in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a template in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a template in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No content

Rules

Use the examples to retrieve a rule.

Create Template Rule

Use the POST method to create a template rule.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a template rule in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/rules
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in JSON Format

```
{
  "name": "stock_rule",
  "ruleType": "template",
  "description": "",
  "template": {
    "rel": "self",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
    "title": "templ_stock_rule",
    "id": "3d385b72-232a-4caa-861c-c59072a98b44"
  },
  "templateParams": {
```

```

        "symbol": "XYZ",
        "price": "38.89"
    }
}

```

POST Response in JSON Format

Returns the template rule object and response code. Returns the error object if an error occurs.

```

{
  "id": "42ef4d92-caed-4e05-abe8-16515f9f2961",
  "name": "stock_rule",
  "self": {
    "rel": "self",
    "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
    "title": "stock_rule",
    "id": "42ef4d92-caed-4e05-abe8-16515f9f2961"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createAdvancedRule",
      "type": "POST",
      "title": "Create Advanced Rule"
    },
    {
      "rel": "createTemplate",
      "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
      "type": "POST",
      "title": "Create Template"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "rules",
  "valid": true,
  "lastModifiedDate": "2013-09-26T15:43:47+05:30",
  "createDate": "2013-09-26T15:43:47+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "drqlStatement": "when 1 stock with symbol = 'XYZ' and price > '38.89' then

```

```

MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}',
  "drqlStatementEditable": null,
  "topics": [
    {
      "href": "api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655",
      "title": "stock",
      "objectType": "topics",
      "id": "c03e56e5-3718-4989-b23b-fe6f342ea655"
    }
  ],
  "responses": [
    {
      "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
      "title": "MyFileOutputResponse",
      "objectType": "responses",
      "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb"
    }
  ],
  "multithreaded": false,
  "template": {
    "rel": "template",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
    "title": "templ_stock_rule",
    "id": "3d385b72-232a-4caa-861c-c59072a98b44"
  },
  "ruleType": "template",
  "templateParams": {
    "price": "38.89",
    "symbol": "XYZ"
  },
  "drqlStatementFormatted": "when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'"
}

```

Response Code: 201 Created

POST Request in XML Format

Generate a POST request. For example, the following POST request creates a template rule in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/rules
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
  <name>stock_rule</name>
  <description/>
  <type>rules</type>
  <valid>true</valid>
  <drqlStatement>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
  <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
  <multithreaded>>false</multithreaded>
  <responses>
    <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
    <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
    <objectType>responses</objectType>
    <title>MyFileOutputResponse</title>
  </responses>
  <ruleType>template</ruleType>
  <template>

```

```

        <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
        <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
        <rel>template</rel>
        <title>templ_stock_rule</title>
    </template>
    <templateParams>
        <entry>
            <key>price</key>
            <value>38.89</value>
        </entry>
        <entry>
            <key>symbol</key>
            <value>XYZ</value>
        </entry>
    </templateParams>
    <topics>
        <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
        <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
        <objectType>topics</objectType>
        <title>stock</title>
    </topics>
</rule>

```

POST Response in XML Format

Returns the template rule object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
    <acl>
        <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961/acl</href>
        <rel>acl</rel>
        <title>acl</title>
    </acl>
    <actions>
        <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
        <rel>update</rel>
        <title>Edit</title>
        <type>PUT</type>
    </actions>
    <actions>
        <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
    </actions>
    <actions>
        <href>api/projects/1/deploy</href>
        <rel>deploy</rel>
        <title>Deploy</title>
        <type>POST</type>
    </actions>
    <actions>
        <rel>createAdvancedRule</rel>
        <title>Create Advanced Rule</title>
        <type>POST</type>
    </actions>
    <actions>
        <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
        <rel>createTemplate</rel>
        <title>Create Template</title>
        <type>POST</type>
    </actions>
    <id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
    <name>stock_rule</name>
    <owningProject>
        <href>api/projects/1</href>
        <id>1</id>
        <rel>owningProject</rel>
        <title>Default Project</title>
    </owningProject>

```

```

<self>
  <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
  <id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
  <rel>self</rel>
  <title>stock_rule</title>
</self>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<description/>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>rules</type>
<valid>true</valid>
  <drqlStatement>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
  <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
  <multithreaded>false</multithreaded>
  <responses>
    <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
    <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
    <objectType>responses</objectType>
    <title>MyFileOutputResponse</title>
  </responses>
  <ruleType>template</ruleType>
  <template>
    <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
    <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
    <rel>template</rel>
    <title>templ_stock_rule</title>
  </template>
  <templateParams>
    <entry>
      <key>price</key>
      <value>38.89</value>
    </entry>
    <entry>
      <key>symbol</key>
      <value>XYZ</value>
    </entry>
  </templateParams>
  <topics>
    <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
    <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
    <objectType>topics</objectType>
    <title>stock</title>
  </topics>
</rule>

```

Response Code: 201 Created

Update Template Rule

Use the PUT method to update a template rule in RulePoint.

PUT Request in JSON Format

Generate a PUT request. For example, the following PUT request updates a template in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/rules/42ef4d92-caed-4e05-
abe8-16515f9f2961
Accept: application/json

```

Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

PUT Body in JSON Format

```
{
  "name": "stock_template_rule",
  "ruleType": "template",
  "template": {
    "rel": "template",
    "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
    "title": "templ_stock_rule",
    "id": "3d385b72-232a-4caa-861c-c59072a98b44"
  },
  "templateParams": {
    "price": "38.89",
    "symbol": "XYZ"
  }
}
```

PUT Response in JSON Format

Returns the template rule object and source code 200 OK. Returns the error object if an error occurs.

```
{
  "id": "42ef4d92-caed-4e05-abe8-16515f9f2961",
  "name": "stock_template_rule",
  "self": {
    "rel": "self",
    "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
    "title": "stock template rule",
    "id": "42ef4d92-caed-4e05-abe8-16515f9f2961"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createAdvancedRule",
      "type": "POST",
      "title": "Create Advanced Rule"
    },
    {
      "rel": "createTemplate",
      "href": "api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961",
      "type": "POST",
      "title": "Create Template"
    }
  ],
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  }
}
```

```

    "type": "rules",
    "valid": true,
    "lastModifiedDate": "2013-09-26T16:00:06+05:30",
    "createDate": "2013-09-26T15:43:47+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "drqlStatement": "when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='{stock.symbol} price is greater than $
{stock.price}'",
    "drqlStatementEditable": null,
    "topics": [
      {
        "href": "api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655",
        "title": "stock",
        "objectType": "topics",
        "id": "c03e56e5-3718-4989-b23b-fe6f342ea655"
      }
    ],
    "responses": [
      {
        "href": "api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb",
        "title": "MyFileOutputResponse",
        "objectType": "responses",
        "id": "c792b088-5f99-4b4b-9b28-b02d2c618edb"
      }
    ],
    "multithreaded": false,
    "template": {
      "rel": "template",
      "href": "api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44",
      "title": "templ_stock_rule",
      "id": "3d385b72-232a-4caa-861c-c59072a98b44"
    },
    "ruleType": "template",
    "templateParams": {
      "price": "38.89",
      "symbol": "XYZ"
    },
    "drqlStatementFormatted": "when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='{stock.symbol} price is greater than $
{stock.price}'"
  }
}

```

Response Code: 200 OK

PUT Request in XML Format

Generate a PUT request. For example, the following PUT request updates a template in a RulePoint application:

```

PUT http://localhost:8080/rulepoint/api/projects/1/rules/42ef4d92-caed-4e05-
abe8-16515f9f2961
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

PUT Body in XML Format

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
  <name>stock_template_rule</name>
  <description/>
  <type>rules</type>
  <valid>true</valid>
  <drqlStatement>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='{stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
  <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price > '38.89' then

```

```

MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
<multithreaded>>false</multithreaded>
<responses>
  <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
  <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
  <objectType>responses</objectType>
  <title>MyFileOutputResponse</title>
</responses>
<ruleType>template</ruleType>
<template>
  <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
  <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
  <rel>template</rel>
  <title>templ_stock_rule</title>
</template>
<templateParams>
  <entry>
    <key>price</key>
    <value>38.89</value>
  </entry>
  <entry>
    <key>symbol</key>
    <value>XYZ</value>
  </entry>
</templateParams>
<topics>
  <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
  <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
  <objectType>topics</objectType>
  <title>stock</title>
</topics>
</rule>

```

PUT Response in XML Format

Returns the schedule object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<rule>
  <actions>
    <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
    <rel>update</rel>
    <title>Edit</title>
    <type>PUT</type>
  </actions>
  <actions>
    <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
    <rel>delete</rel>
    <title>Delete</title>
    <type>DELETE</type>
  </actions>
  <actions>
    <href>api/projects/1/deploy</href>
    <rel>deploy</rel>
    <title>Deploy</title>
    <type>POST</type>
  </actions>
  <actions>
    <rel>createAdvancedRule</rel>
    <title>Create Advanced Rule</title>
    <type>POST</type>
  </actions>
  <actions>
    <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
    <rel>createTemplate</rel>
    <title>Create Template</title>
    <type>POST</type>
  </actions>
  <id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
  <name>stock_template_rule</name>

```



```

<owningProject>
  <href>api/projects/1</href>
  <id>1</id>
  <rel>owningProject</rel>
  <title>Default Project</title>
</owningProject>
<self>
  <href>api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961</href>
  <id>42ef4d92-caed-4e05-abe8-16515f9f2961</id>
  <rel>self</rel>
  <title>stock_template_rule</title>
</self>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<description/>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>rules</type>
<valid>true</valid>
<drqlStatement>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatement>
  <drqlStatementFormatted>when 1 stock with symbol = 'XYZ' and price > '38.89' then
MyFileOutputResponse with contents='${stock.symbol} price is greater than $
{stock.price}'</drqlStatementFormatted>
  <multithreaded>false</multithreaded>
  <responses>
    <href>api/projects/1/responses/c792b088-5f99-4b4b-9b28-b02d2c618edb</href>
    <id>c792b088-5f99-4b4b-9b28-b02d2c618edb</id>
    <objectType>responses</objectType>
    <title>MyFileOutputResponse</title>
  </responses>
  <ruleType>template</ruleType>
  <template>
    <href>api/projects/1/templates/3d385b72-232a-4caa-861c-c59072a98b44</href>
    <id>3d385b72-232a-4caa-861c-c59072a98b44</id>
    <rel>template</rel>
    <title>templ_stock_rule</title>
  </template>
  <templateParams>
    <entry>
      <key>price</key>
      <value>38.89</value>
    </entry>
    <entry>
      <key>symbol</key>
      <value>XYZ</value>
    </entry>
  </templateParams>
  <topics>
    <href>api/projects/1/topics/c03e56e5-3718-4989-b23b-fe6f342ea655</href>
    <id>c03e56e5-3718-4989-b23b-fe6f342ea655</id>
    <objectType>topics</objectType>
    <title>stock</title>
  </topics>
</rule>

```

Response Code: 200 OK

Delete Template Rule

Use the DELETE method to delete a template rule in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a template rule in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a template rule in a RulePoint application:

```
DELETE http://localhost:8080/rulepoint/api/projects/1/rules/42ef4d92-caed-4e05-abe8-16515f9f2961
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code: 204 No content

Retrieve Rules

Use the GET method to retrieve a rule in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following GET request retrieves rules in a RulePoint application:

```
GET http://localhost:8080/rulepoint/api/projects/1/rules
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

GET Response in JSON Format

Returns the rule object and response code. Returns the error object if an error occurs.

```
{
  "total": 3,
  "count": 3,
  "items": [
    {
      "id": "f8573cc2-e263-47f8-8ae3-9de8b58c7b44",
      "name": "sqlrtamrule",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44",
        "title": "sqlrtamrule",
        "id": "f8573cc2-e263-47f8-8ae3-9de8b58c7b44"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44",
          "type": "PUT",
          "title": "Edit"
        }
      ]
    }
  ]
}
```

```

    {
      "rel": "delete",
      "href": "api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44",
      "type": "DELETE",
      "title": "Delete"
    },
    {
      "rel": "deploy",
      "href": "api/projects/1/deploy",
      "type": "POST",
      "title": "Deploy"
    },
    {
      "rel": "createTemplate",
      "href": "api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44",
      "type": "POST",
      "title": "Create Template"
    }
  ],
  "acl": {
    "rel": "acl",
    "href": "api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44/acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "rules",
  "lastModifiedDate": "2013-08-19T11:21:03+05:30",
  "createDate": "2013-08-19T11:15:11+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "drqlStatement": "when sqltopic with wsanalytic() as wsa != '1' then
rtam_response with subject=\"${sqltopic.symbol} alert\", body=\"cxall returns ${wsa}\"",
  "drqlStatementEditable": null,
  "topics": [
    {
      "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
      "title": "sqltopic",
      "objectType": "topics",
      "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab"
    }
  ],
  "responses": [
    {
      "href": "api/projects/1/responses/a2e64636-5206-46da-
abe9-4c9bb8b592bc",
      "title": "rtam_response",
      "objectType": "responses",
      "id": "a2e64636-5206-46da-abe9-4c9bb8b592bc"
    }
  ],
  "analytics": [
    {
      "href": "api/projects/1/analytics/42d49371-55ee-45b4-
bfff-46f35de9e156",
      "title": "wsanalytic",
      "objectType": "analytics",
      "id": "42d49371-55ee-45b4-bfff-46f35de9e156"
    }
  ],
  "multithreaded": true,
  "ruleType": "advanced",
  "drqlStatementFormatted": "when sqltopic with wsanalytic() as wsa != '1'

```

```

then rtam_response with subject="${sqltopic.symbol} alert", body="cxall returns $
{wsa}"
    },
    {
      "id": "a5046814-e355-4103-b885-71e2ac82ec4c",
      "name": "sqlrule",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/rules/a5046814-e355-4103-b885-71e2ac82ec4c",
        "title": "sqlrule",
        "id": "a5046814-e355-4103-b885-71e2ac82ec4c"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/rules/a5046814-e355-4103-b885-71e2ac82ec4c",
          "type": "PUT",
          "title": "Edit"
        },
        {
          "rel": "delete",
          "href": "api/projects/1/rules/a5046814-e355-4103-b885-71e2ac82ec4c",
          "type": "DELETE",
          "title": "Delete"
        },
        {
          "rel": "deploy",
          "href": "api/projects/1/deploy",
          "type": "POST",
          "title": "Deploy"
        },
        {
          "rel": "createTemplate",
          "href": "api/projects/1/rules/a5046814-e355-4103-b885-71e2ac82ec4c",
          "type": "POST",
          "title": "Create Template"
        }
      ],
      "acl": {
        "rel": "acl",
        "href": "api/projects/1/rules/a5046814-e355-4103-b885-71e2ac82ec4c/acl",
        "title": "acl"
      },
      "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
      },
      "type": "rules",
      "lastModifiedDate": "2013-08-19T11:10:52+05:30",
      "createDate": "2013-08-19T11:01:38+05:30",
      "createdBy": "Administrator",
      "predefined": false,
      "deployable": true,
      "deployState": "DRAFT",
      "force": false,
      "drqlStatement": "when 1 sqltopic then wsresponder_response",
      "drqlStatementEditable": null,
      "topics": [
        {
          "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
          "title": "sqltopic",
          "objectType": "topics",
          "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab"
        }
      ],
      "responses": [
        {

```

```

        "href": "api/projects/1/responses/f1fbf054-6124-4111-a69e-
abe30586deb0",
        "title": "wsresponder_response",
        "objectType": "responses",
        "id": "f1fbf054-6124-4111-a69e-abe30586deb0"
    }
],
"multithreaded": true,
"ruleType": "advanced",
"drqlStatementFormatted": "when 1  sqltopic then  wsresponder_response"
},
{
    "id": "9e212e7e-96e9-43f6-9725-57b3e3da4e23",
    "name": "filrule",
    "valid": true,
    "self": {
        "rel": "self",
        "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23",
        "title": "filrule",
        "id": "9e212e7e-96e9-43f6-9725-57b3e3da4e23"
    },
    "actions": [
        {
            "rel": "update",
            "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23",
            "type": "PUT",
            "title": "Edit"
        },
        {
            "rel": "delete",
            "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23",
            "type": "DELETE",
            "title": "Delete"
        },
        {
            "rel": "deploy",
            "href": "api/projects/1/deploy",
            "type": "POST",
            "title": "Deploy"
        },
        {
            "rel": "createTemplate",
            "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23",
            "type": "POST",
            "title": "Create Template"
        }
    ],
    "acl": {
        "rel": "acl",
        "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23/acl",
        "title": "acl"
    },
    "owningProject": {
        "rel": "owningProject",
        "href": "api/projects/1",
        "title": "Default Project",
        "id": "1"
    },
    "type": "rules",
    "lastModifiedDate": "2013-08-19T11:10:52+05:30",
    "createDate": "2013-07-30T10:11:58+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "drqlStatement": "when 6  sqltopic with systimeanalytic() as mysystime then
fileout_response with contents = \"Read 6 events at ${mysystime}\"\",
    "drqlStatementEditable": null,
    "topics": [

```

```

        {
            "href": "api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab",
            "title": "sqltopic",
            "objectType": "topics",
            "id": "13dcf0cf-4d29-434a-98ae-99dff34367ab"
        }
    ],
    "responses": [
        {
            "href": "api/projects/1/responses/8322f00d-6191-4932-a447-a090e03b5696",
            "title": "fileout_response",
            "objectType": "responses",
            "id": "8322f00d-6191-4932-a447-a090e03b5696"
        }
    ],
    "analytics": [
        {
            "href": "api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175",
            "title": "systimeanalytic",
            "objectType": "analytics",
            "id": "d6a16480-2cd6-45bd-99a2-dd347def6175"
        }
    ],
    "multithreaded": true,
    "ruleType": "advanced",
    "drqlStatementFormatted": "when 6 sqltopic with systimeanalytic() as
mysysstime then fileout_response with contents = \"Read 6 events at ${mysysstime}\""
}
]
}

```

Response Code: 200 OK

GET Request in XML Format

Generate a GET request. For example, the following GET request retrieves rules in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/projects/1/rules
Accept: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in XML Format

Returns the rule object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<artifacts>
  <links/>
  <valid>false</valid>
  <count>1</count>
  <items>
    <rule>
      <acl>
        <href>api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44/acl</
href>
        <rel>acl</rel>
        <title>acl</title>
      </acl>
      <actions>
        <action>
          <href>api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44</
href>
          <rel>update</rel>
          <title>Edit</title>
          <type>PUT</type>
        </action>
        <action>
          <href>api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44</
href>

```

```

        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
    </action>
    <action>
        <href>api/projects/1/deploy</href>
        <rel>deploy</rel>
        <title>Deploy</title>
        <type>POST</type>
    </action>
    <action>
        <href>api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44</
href>
        <rel>createTemplate</rel>
        <title>Create Template</title>
        <type>POST</type>
    </action>
</actions>
<id>f8573cc2-e263-47f8-8ae3-9de8b58c7b44</id>
<links/>
<name>sqlrtamrule</name>
<owningProject>
    <href>api/projects/1</href>
    <id>1</id>
    <rel>owningProject</rel>
    <title>Default Project</title>
</owningProject>
<self>
    <href>api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44</href>
    <id>f8573cc2-e263-47f8-8ae3-9de8b58c7b44</id>
    <rel>self</rel>
    <title>sqlrtamrule</title>
</self>
<valid>true</valid>
<createDate/>
<createdBy>Administrator</createdBy>
<deployState>DRAFT</deployState>
<deployable>true</deployable>
<force>false</force>
<lastModifiedDate/>
<predefined>false</predefined>
<type>rules</type>
<analytics>
    <analytic>
        <href>api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156</
href>
        <id>42d49371-55ee-45b4-bfff-46f35de9e156</id>
        <objectType>analytics</objectType>
        <title>wsanalytic</title>
    </analytic>
</analytics>
<drqlStatement>when sqltopic with wsanalytic() as wsa != '1' then
rtam_response with subject="{sqltopic.symbol} alert", body="cxall returns ${wsa}"</
drqlStatement>
    <drqlStatementFormatted>when sqltopic with wsanalytic() as wsa != '1' then
rtam_response with subject="{sqltopic.symbol} alert", body="cxall returns ${wsa}"</
drqlStatementFormatted>
    <multithreaded>true</multithreaded>
    <responses>
        <response>
            <href>api/projects/1/responses/a2e64636-5206-46da-abe9-4c9bb8b592bc</
href>
            <id>a2e64636-5206-46da-abe9-4c9bb8b592bc</id>
            <objectType>responses</objectType>
            <title>rtam_response</title>
        </response>
    </responses>
    <ruleType>advanced</ruleType>
    <topics>
        <href>api/projects/1/topics/13dcf0cf-4d29-434a-98ae-99dff34367ab</href>

```

```

        <id>13dcf0cf-4d29-434a-98ae-99dff34367ab</id>
        <objectType>topics</objectType>
        <title>sqltopic</title>
      </topics>
    </rule>
  </items>
  <total>1</total>
</artifacts>

```

Response Code : 200 OK

Analytics

You can use API calls to retrieve an analytic in RulePoint.

Retrieve Analytics

Use the GET method to retrieve an analytic in RulePoint.

GET Request in JSON Format

To retrieve an analytic in a RulePoint application, generate the following GET request:

```

GET http://localhost:8080/rulepoint/api/projects/1/analytics
Accept: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in JSON Format

```

{
  "total": 2,
  "count": 2,
  "items": [
    {
      "id": "42d49371-55ee-45b4-bfff-46f35de9e156",
      "name": "wsanalytic",
      "valid": true,
      "self": {
        "rel": "self",
        "href": "api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156",
        "title": "wsanalytic",
        "id": "42d49371-55ee-45b4-bfff-46f35de9e156"
      },
      "actions": [
        {
          "rel": "update",
          "href": "api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156",
          "type": "PUT",
          "title": "Edit"
        },
        {
          "rel": "delete",
          "href": "api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156",
          "type": "DELETE",
          "title": "Delete"
        }
      ],
      "acl": {
        "rel": "acl",
        "href": "api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156/"
      }
    }
  ]
}

```



```

acl",
    "title": "acl"
  },
  "owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
  },
  "type": "analytics",
  "lastModifiedDate": "2013-08-19T11:21:03+05:30",
  "createDate": "2013-08-19T11:12:30+05:30",
  "createdBy": "Administrator",
  "predefined": false,
  "deployable": true,
  "deployState": "DRAFT",
  "force": false,
  "connection": {
    "rel": "connection",
    "href": "api/projects/1/connections/03e9c236-1a01-40e2-9d4a-f13c893abef7",
    "title": "wsconn",
    "id": "03e9c236-1a01-40e2-9d4a-f13c893abef7"
  },
  "analyticType": "webService",
  "analyticTypeDisplayName": "Webservice Analytic",
  "config": {
    "operation": "hello",
    "evaluationRequired": "true",
    "parameterList": "hello.name=bhui",
    "xpathExpr": "//return",
    "serviceName": "HelloWorldServices",
    "cacheDuration": "0"
  },
  "rules": [
    {
      "href": "api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44",
      "title": "sqlrtamrule",
      "objectType": "rules",
      "id": "f8573cc2-e263-47f8-8ae3-9de8b58c7b44"
    }
  ],
  "booleanAnalytic": false
},
{
  "id": "d6a16480-2cd6-45bd-99a2-dd347def6175",
  "name": "systimeanalytic",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175",
    "title": "systimeanalytic",
    "id": "d6a16480-2cd6-45bd-99a2-dd347def6175"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
      "href": "api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175",
      "type": "DELETE",
      "title": "Delete"
    }
  ]
},

```

```

    "acl": {
      "rel": "acl",
      "href": "api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175/",
      "title": "acl"
    },
    "owningProject": {
      "rel": "owningProject",
      "href": "api/projects/1",
      "title": "Default Project",
      "id": "1"
    },
    "type": "analytics",
    "lastModifiedDate": "2013-08-19T11:10:52+05:30",
    "createDate": "2013-07-30T10:10:21+05:30",
    "createdBy": "Administrator",
    "predefined": false,
    "deployable": true,
    "deployState": "DRAFT",
    "force": false,
    "analyticType": "systimeanalytic",
    "analyticTypeDisplayName": "System Time Analytic",
    "config": {
      "evaluationRequired": "false",
      "cacheDuration": "0"
    },
    "rules": [
      {
        "href": "api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23",
        "title": "filrule",
        "objectType": "rules",
        "id": "9e212e7e-96e9-43f6-9725-57b3e3da4e23"
      }
    ],
    "booleanAnalytic": true
  }
}

```

Response Code: 200 OK

GET Request in XML Format

```

GET http://localhost:8080/rulepoint/api/projects/1/analytics
Accept: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Response in XML Format

Returns the analytic object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<artifacts>
  <links/>
  <valid>false</valid>
  <count>2</count>
  <items>
    <analytic>
      <acl>
        <href>api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156/acl</href>
        <rel>acl</rel>
        <title>acl</title>
      </acl>
      <actions>
        <action>
          <href>api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156</href>
          <rel>update</rel>
          <title>Edit</title>
          <type>PUT</type>

```

```

        </action>
        <action>
            <href>api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156</
href>
                <rel>delete</rel>
                <title>Delete</title>
                <type>DELETE</type>
            </action>
        </actions>
        <id>42d49371-55ee-45b4-bfff-46f35de9e156</id>
        <links/>
        <name>wsanalytic</name>
        <owningProject>
            <href>api/projects/1</href>
            <id>1</id>
            <rel>owningProject</rel>
            <title>Default Project</title>
        </owningProject>
        <self>
            <href>api/projects/1/analytics/42d49371-55ee-45b4-bfff-46f35de9e156</
href>
                <id>42d49371-55ee-45b4-bfff-46f35de9e156</id>
                <rel>self</rel>
                <title>wsanalytic</title>
            </self>
        <valid>true</valid>
        <createDate/>
        <createdBy>Administrator</createdBy>
        <deployState>DRAFT</deployState>
        <deployable>true</deployable>
        <force>false</force>
        <lastModifiedDate/>
        <predefined>false</predefined>
        <type>analytics</type>
        <analyticType>webService</analyticType>
        <analyticTypeDisplayName>Webservice Analytic</analyticTypeDisplayName>
        <booleanAnalytic>false</booleanAnalytic>
        <config>
            <entry>
                <key>operation</key>
                <value>hello</value>
            </entry>
            <entry>
                <key>evaluationRequired</key>
                <value>true</value>
            </entry>
            <entry>
                <key>parameterList</key>
                <value>hello.name=bhui</value>
            </entry>
            <entry>
                <key>xpathExpr</key>
                <value>//return</value>
            </entry>
            <entry>
                <key>serviceName</key>
                <value>HelloWorldServices</value>
            </entry>
            <entry>
                <key>cacheDuration</key>
                <value>0</value>
            </entry>
        </config>
        <connection>
            <href>api/projects/1/connections/03e9c236-1a01-40e2-9d4a-f13c893abef7</
href>
                <id>03e9c236-1a01-40e2-9d4a-f13c893abef7</id>
                <rel>connection</rel>
                <title>wsconn</title>
            </connection>

```

```

    <rules>
      <rule>
        <href>api/projects/1/rules/f8573cc2-e263-47f8-8ae3-9de8b58c7b44</
href>
        <id>f8573cc2-e263-47f8-8ae3-9de8b58c7b44</id>
        <objectType>rules</objectType>
        <title>sqlrtamrule</title>
      </rule>
    </rules>
  </analytic>
  <analytic>
    <acl>
      <href>api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175/acl</
href>
      <rel>acl</rel>
      <title>acl</title>
    </acl>
    <actions>
      <action>
        <href>api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175</
href>
        <rel>update</rel>
        <title>Edit</title>
        <type>PUT</type>
      </action>
      <action>
        <href>api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175</
href>
        <rel>delete</rel>
        <title>Delete</title>
        <type>DELETE</type>
      </action>
    </actions>
    <id>d6a16480-2cd6-45bd-99a2-dd347def6175</id>
    <links/>
    <name>systemanalytic</name>
    <owningProject>
      <href>api/projects/1</href>
      <id>1</id>
      <rel>owningProject</rel>
      <title>Default Project</title>
    </owningProject>
    <self>
      <href>api/projects/1/analytics/d6a16480-2cd6-45bd-99a2-dd347def6175</
href>
      <id>d6a16480-2cd6-45bd-99a2-dd347def6175</id>
      <rel>self</rel>
      <title>systemanalytic</title>
    </self>
    <valid>true</valid>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <deployState>DRAFT</deployState>
    <deployable>true</deployable>
    <force>false</force>
    <lastModifiedDate/>
    <predefined>false</predefined>
    <type>analytics</type>
    <analyticType>systemanalytic</analyticType>
    <analyticTypeDisplayName>System Time Analytic</analyticTypeDisplayName>
    <booleanAnalytic>true</booleanAnalytic>
    <config>
      <entry>
        <key>evaluationRequired</key>
        <value>false</value>
      </entry>
      <entry>
        <key>cacheDuration</key>
        <value>0</value>
      </entry>
    </config>
  </analytic>

```

```

        </config>
        <rules>
          <rule>
            <href>api/projects/1/rules/9e212e7e-96e9-43f6-9725-57b3e3da4e23</
href>
              <id>9e212e7e-96e9-43f6-9725-57b3e3da4e23</id>
              <objectType>rules</objectType>
              <title>filrule</title>
            </rule>
          </rules>
        </analytic>
      </items>
      <total>2</total>
    </artifacts>

```

Response Code : 200 OK

Users

Use the examples to create, retrieve, update, or delete a user.

Create Users

Use the POST method to create a user in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request creates a user in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/users
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

POST Body in JSON Format

```

{
  "userName": "newuser12",
  "password": "newuser1234",
  "firstName": "new",
  "lastName": "user1111",
  "roles": [
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_ADMIN",
      "title": "Predefined Admin Role",
      "id": "ROLE_ADMIN"
    },
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_USER",
      "title": "Predefined User Role",
      "id": "ROLE_USER"
    }
  ],
  "remoteUser": false
}

```

POST Response in JSON Format

Returns the user object and response code. Returns the error object if an error occurs.

```
{
  "id": "98305",
  "self": {
    "rel": "self",
    "href": "/api/users/newuser12",
    "title": "newuser12",
    "id": "newuser12"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/users/",
      "type": "PUT"
    },
    {
      "rel": "delete",
      "href": "/api/users/newuser12",
      "type": "DELETE"
    }
  ],
  "lastModifiedDate": "2013-09-18T18:34:38+05:30",
  "createDate": "2013-09-18T18:34:38+05:30",
  "modifiedBy": "Administrator",
  "createdBy": "Administrator",
  "userName": "newuser12",
  "password": "*****",
  "firstName": "new",
  "lastName": "user111",
  "roles": [
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_ADMIN",
      "title": "Predefined Admin Role",
      "id": "ROLE_ADMIN"
    },
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_USER",
      "title": "Predefined User Role",
      "id": "ROLE_USER"
    }
  ],
  "enabled": true,
  "predefined": false,
  "remoteUser": false
}
```

POST Request in XML Format

```
POST http://localhost:8080/rulepoint/api/users
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in XML Format

Generate a POST request. For example, the following POST request creates a user in a RulePoint application:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<user>
  <valid>false</valid>
  <enabled>true</enabled>
  <firstName>new</firstName>
  <lastName>user</lastName>
  <password>newuser1234</password>
  <predefined>false</predefined>
  <remoteUser>false</remoteUser>
```

```

        <roles>
            <href>/api/roles/ROLE_ADMIN</href>
            <id>ROLE_ADMIN</id>
            <rel>roles</rel>
            <title>Predefined Admin Role</title>
        </roles>
    </roles>
    <roles>
        <href>/api/roles/ROLE_USER</href>
        <id>ROLE_USER</id>
        <rel>roles</rel>
        <title>Predefined User Role</title>
    </roles>
    <userName>newuser123</userName>
</user>

```

POST Response in XML Format

Returns the user object and response code 200 OK. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<user>
    <actions>
        <action>
            <href>/api/users/</href>
            <rel>update</rel>
            <type>PUT</type>
        </action>
        <action>
            <href>/api/users/newuser123</href>
            <rel>delete</rel>
            <type>DELETE</type>
        </action>
    </actions>
    <id>32774</id>
    <self>
        <href>/api/users/newuser123</href>
        <id>newuser123</id>
        <rel>self</rel>
        <title>newuser123</title>
    </self>
    <createDate/>
    <createdBy>Administrator</createdBy>
    <enabled>true</enabled>
    <firstName>new</firstName>
    <lastModifiedDate/>
    <lastName>user</lastName>
    <modifiedBy>Administrator</modifiedBy>
    <password>*****</password>
    <predefined>false</predefined>
    <remoteUser>false</remoteUser>
    <roles>
        <href>/api/roles/ROLE_ADMIN</href>
        <id>ROLE_ADMIN</id>
        <rel>roles</rel>
        <title>Predefined Admin Role</title>
    </roles>
    <roles>
        <href>/api/roles/ROLE_USER</href>
        <id>ROLE_USER</id>
        <rel>roles</rel>
        <title>Predefined User Role</title>
    </roles>
    <userName>newuser123</userName>
</user>

```

Retrieve Users

Use the GET method to retrieve a user in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following GET request retrieves a user in a RulePoint application:

```
GET http://localhost:8080/rulepoint/api/users
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>
```

GET Response in JSON Format

Returns the user object and response code 200 OK. Returns the error object if an error occurs.

```
{
  "total": 2,
  "count": 2,
  "items": [
    {
      "id": "32768",
      "self": {
        "rel": "self",
        "href": "/api/users/testuser",
        "title": "testuser",
        "id": "testuser"
      },
      "actions": [
        {
          "rel": "update",
          "href": "/api/users/",
          "type": "PUT"
        },
        {
          "rel": "delete",
          "href": "/api/users/testuser",
          "type": "DELETE"
        }
      ],
      "lastModifiedDate": "2013-09-18T11:17:25+05:30",
      "createDate": "2013-09-18T11:17:25+05:30",
      "createdBy": "Administrator",
      "userName": "testuser",
      "password": "*****",
      "firstName": "test",
      "middleInitial": "\n      \n      ",
      "lastName": "user",
      "emailAddress": "\n      \n      ",
      "jabberAddress": "\n      \n      ",
      "roles": [
        {
          "rel": "roles",
          "href": "/api/roles/test",
          "id": "test"
        }
      ],
      "enabled": true,
      "predefined": false,
      "remoteUser": false
    },
    {
      "id": "1",
      "self": {
        "rel": "self",
        "href": "/api/users/Administrator",
        "title": "Administrator",
        "id": "Administrator"
      },

```



```

    "actions": [
      {
        "rel": "update",
        "href": "/api/users/",
        "type": "PUT"
      }
    ],
    "lastModifiedDate": "2013-09-17T13:17:10+05:30",
    "createDate": "2013-09-17T13:17:10+05:30",
    "createdBy": "Informatica Corp.",
    "userName": "Administrator",
    "password": "*****",
    "firstName": "System",
    "lastName": "Administrator",
    "roles": [
      {
        "rel": "roles",
        "href": "/api/roles/ROLE_ADMIN",
        "title": "Predefined Admin Role",
        "id": "ROLE_ADMIN"
      },
      {
        "rel": "roles",
        "href": "/api/roles/ROLE_USER",
        "title": "Predefined User Role",
        "id": "ROLE_USER"
      }
    ],
    "enabled": true,
    "predefined": true,
    "remoteUser": false
  }
]
}

```

Response Code : 200 OK

Update Users

Use the GET method to update a user in RulePoint.

GET Request in JSON Format

Generate a GET request. For example, the following GET request updates a user in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/users
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Body in JSON Format

```

{
  "userName": "newuser1",
  "password": "newuser1234",
  "firstName": "new",
  "lastName": "user1111",
  "roles": [
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_ADMIN",
      "title": "Predefined Admin Role",
      "id": "ROLE_ADMIN"
    },
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_USER",
      "title": "Predefined User Role",

```

```

        "id": "ROLE_USER"
    }
},
"remoteUser": false
}

```

GET Response in JSON Format

Returns the user object and response code. Returns the error object if an error occurs.

```

{
  "id": "98304",
  "self": {
    "rel": "self",
    "href": "/api/users/newuser1",
    "title": "newuser1",
    "id": "newuser1"
  },
  "actions": [
    {
      "rel": "update",
      "href": "/api/users/",
      "type": "PUT"
    },
    {
      "rel": "delete",
      "href": "/api/users/newuser1",
      "type": "DELETE"
    }
  ],
  "lastModifiedDate": "2013-09-18T18:24:21+05:30",
  "createDate": "2013-09-18T18:24:21+05:30",
  "modifiedBy": "Administrator",
  "createdBy": "Administrator",
  "userName": "newuser1",
  "password": "*****",
  "firstName": "new",
  "lastName": "user1111",
  "roles": [
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_ADMIN",
      "title": "Predefined Admin Role",
      "id": "ROLE_ADMIN"
    },
    {
      "rel": "roles",
      "href": "/api/roles/ROLE_USER",
      "title": "Predefined User Role",
      "id": "ROLE_USER"
    }
  ],
  "enabled": true,
  "predefined": false,
  "remoteUser": false
}

```

Response Code : 204 OK

GET Request in XML Format

Generate a GET request. For example, the following GET request updates a user in a RulePoint application:

```

GET http://localhost:8080/rulepoint/api/users
Accept: application/xml
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>

```

GET Body in XML Format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<user>
    <enabled>true</enabled>
    <firstName>new</firstName>
    <lastName>user1111</lastName>
    <password>userzzz123</password>
    <predefined>false</predefined>
    <remoteUser>false</remoteUser>
    <roles>
        <href>/api/roles/ROLE_ADMIN</href>
        <id>ROLE_ADMIN</id>
        <rel>roles</rel>
        <title>Predefined Admin Role</title>
    </roles>
    <roles>
        <href>/api/roles/ROLE_USER</href>
        <id>ROLE_USER</id>
        <rel>roles</rel>
        <title>Predefined User Role</title>
    </roles>
    <userName>newuser1</userName>
</user>
```

GET Response in XML Format

Returns the project object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<results>
    <count>1</count>
    <items>
        <user>
            <actions>
                <action>
                    <href>/api/users/</href>
                    <rel>update</rel>
                    <type>PUT</type>
                </action>
            </actions>
            <id>1</id>
            <self>
                <href>/api/users/Administrator</href>
                <id>Administrator</id>
                <rel>self</rel>
                <title>Administrator</title>
            </self>
            <createDate/>
            <createdBy>Informatica Corp.</createdBy>
            <enabled>true</enabled>
            <firstName>System</firstName>
            <lastModifiedDate/>
            <lastName>Administrator</lastName>
            <password>*****</password>
            <predefined>true</predefined>
            <remoteUser>false</remoteUser>
            <roles>
                <href>/api/roles/ROLE_ADMIN</href>
                <id>ROLE_ADMIN</id>
                <rel>roles</rel>
                <title>Predefined Admin Role</title>
            </roles>
            <roles>
                <href>/api/roles/ROLE_USER</href>
                <id>ROLE_USER</id>
                <rel>roles</rel>
                <title>Predefined User Role</title>
            </roles>
            <userName>Administrator</userName>
        </user>
    </items>
</results>
```

```

<user>
  <actions>
    <action>
      <href>/api/users/</href>
      <rel>update</rel>
      <type>PUT</type>
    </action>
    <action>
      <href>/api/users/AT_User1</href>
      <rel>delete</rel>
      <type>DELETE</type>
    </action>
  </actions>
  <id>32773</id>
  <self>
    <href>/api/users/AT_User1</href>
    <id>AT_User1</id>
    <rel>self</rel>
    <title>AT_User1</title>
  </self>
  <createDate/>
  <createdBy>Administrator</createdBy>
  <enabled>true</enabled>
  <firstName>Atuser</firstName>
  <lastModifiedDate/>
  <lastName>Atuserlastname</lastName>
  <modifiedBy>Administrator</modifiedBy>
  <password>*****</password>
  <predefined>false</predefined>
  <remoteUser>false</remoteUser>
  <roles>
    <href>/api/roles/AT_Role2</href>
    <id>AT_Role2</id>
    <rel>roles</rel>
    <title>Role creation for AT</title>
  </roles>
  <userName>AT_User1</userName>
</user>
</items>
<total>1</total>
</results>

```

Response Code : 200 OK

Delete Users

Use the DELETE method to delete a user in RulePoint.

DELETE Request in JSON Format

Generate a DELETE request. For example, the following DELETE request deletes a user in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/users
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

Response Code: 204 No Content

DELETE Request in XML Format

Generate a DELETE request. For example, the following DELETE request deletes a user in a RulePoint application:

```

DELETE http://localhost:8080/rulepoint/api/users
Accept: application/xml

```

```
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

Response Code : 204 No Content

Objects Deployment

Use the examples to deploy, undeploy, redeploy, and reassign RulePoint objects.

Deploy Object

Use the POST method to deploy an object in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request deploys an object in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/deploy
Content-Type: application/json
Accept: application/json
Cookie: JSESSIONID=<VALID_SESSION_ID>
```

POST Body in JSON Format

```
{
  "topologyId": 1,
  "itemsToDeploy": [
    {
      "artifactId": "d4dbfd17-4053-446c-83b8-dda9dc3f48c6",
      "groupNames": [
        "Default Source Controller"
      ]
    }
  ]
}
```

POST Response in JSON Format

Returns the object and response code. Returns the error object if an error occurs.

```
{
  "successful": true,
  "txnId": -1333205577,
  "dpId": "dff975ab-cf27-45ca-89bc-c3326db69941"
}
```

Response Code : 200 OK

POST Request in XML Format

Generate a POST request. For example, the following POST request deploys an object in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/deploy
Content-Type: application/xml
Accept: application/xml
Cookie: JSESSIONID=<VALID_SESSION_ID>
```

POST Body in XML Format

```
<deploymentRequest>
  <itemsToDeploy>
```

```

        <item>
          <artifactId>1fbafd49-d01e-44aa-9bdf-cc95fe2b4383</artifactId>
          <groupNames>
            <groupName>Default Source Controller</groupName>
          </groupNames>
        </item>
      </itemsToDeploy>
    <topologyId>1</topologyId>
  </deploymentRequest>

```

POST Body in XML Format

Returns the object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<deploymentResult>
  <dpId>e2f97336-e371-4dfe-aa35-a9eb3b9a0bce</dpId>
  <successful>true</successful>
  <txnId>-33133660</txnId>
</deploymentResult>

```

Response Code: 200 OK

Undeploy Object

Use the POST method to undeploy an object in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request undeploys an object in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/undeploy
Content-Type: application/json
Accept: application/json
Cookie: JSESSIONID=<VALID_SESSION_ID>

```

POST Body in JSON Format

```

[
  "d4dbfd17-4053-446c-83b8-dda9dc3f48c6"
]

```

POST Response in JSON Format

Returns the object and response code 200 OK. Returns the error object if an error occurs.

```

{
  "successful": true,
  "txnId": 1353518029,
  "dpId": "ddd81f2d-9cf1-404e-9185-c34425726799"
}

```

Response Code: 200 OK

POST Request in XML Format

Generate a POST request. For example, the following POST request undeploys an object in a RulePoint application:

```

POST http://localhost:8080/rulepoint/api/projects/1/undeploy
Content-Type: application/xml
Accept: application/xml
Cookie: JSESSIONID=<VALID_SESSION_ID>

```

POST Body in XML Format

```
<stringList>
  <list>1fbafd49-d01e-44aa-9bdf-cc95fe2b4383</list>
</stringList>
```

POST Body in XML Format

Returns the object and response code 200 OK. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<deploymentResult>
  <dpId>09294cb1-97c8-413f-855d-f5531950b36c</dpId>
  <successful>true</successful>
  <txnId>-603283379</txnId>
</deploymentResult>
```

Response Code: 200 OK

Redeploy Object

Use the POST method to redeploy an object in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request redeploys an object in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/redeploy
Content-Type: application/json
Accept: application/json
Cookie: JSESSIONID=<VALID_SESSION_ID>
```

POST Body in JSON Format

```
[
  "d4dbfd17-4053-446c-83b8-dda9dc3f48c6"
]
```

POST Response in JSON Format

Returns the object and response code. Returns the error object if an error occurs.

```
{
  "successful": true,
  "txnId": 1353518029,
  "dpId": "ddd81f2d-9cf1-404e-9185-c34425726799"
}
```

Response Code : 200 OK

POST Request in XML Format

Generate a POST request. For example, the following POST request redeploys an object in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/redeploy
Content-Type: application/xml
Accept: application/xml
Cookie: JSESSIONID=<VALID_SESSION_ID>
```

POST Body in XML Format

```
<stringList>
  <list>1fbafd49-d01e-44aa-9bdf-cc95fe2b4383</list>
</stringList>
```

POST Body in XML Format

Returns the object and response code. Returns the error object if an error occurs.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<deploymentResult>
  <dpId>56a26fac-eabc-4a63-9184-139cdf7e55ec</dpId>
  <successful>true</successful>
  <txnId>-2040743049</txnId>
</deploymentResult>
```

Response Code: 200 OK

Reassign Object

Use the POST method to reassign an object in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request reassigns an object in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/reassign
Content-Type: application/json
Accept: application/json
Cookie: JSESSIONID=<VALID_SESSION_ID>
```

POST Body in JSON Format

```
{
  "topologyId": 1,
  "itemsToDeploy": [
    {
      "artifactId": "d4dbfd17-4053-446c-83b8-dda9dc3f48c6",
      "groupNames": [
        "Source Controller2"
      ]
    }
  ]
}
```

POST Response in JSON Format

Returns the object and response code. Returns the error object if an error occurs.

```
{
  "successful": true,
  "txnId": -1333205577,
  "dpId": "dff975ab-cf27-45ca-89bc-c3326db69941"
}
```

Response Code : 200 OK

POST Request in XML Format

Generate a POST request. For example, the following POST request reassigns an object in a RulePoint application:

```
POST http://localhost:8080/rulepoint/api/projects/1/reassign
Content-Type: application/xml
Accept: application/xml
Cookie: JSESSIONID=<VALID_SESSION_ID>
```

POST Body in XML Format

```
<deploymentRequest>
  <itemsToDeploy>
    <item>
      <artifactId>1fbafd49-d01e-44aa-9bdf-cc95fe2b4383</artifactId>
```



```

        <groupNames>
          <groupName>SC2</groupName>
        </groupNames>
      </item>
    </itemsToDeploy>
    <topologyId>1</topologyId>
  </deploymentRequest>

```

POST Body in XML Format

Returns the object and response code. Returns the error object if an error occurs.

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<deploymentResult>
  <dpId>71b66b44-6b56-43c3-8df5-aadc4886e0c3</dpId>
  <successful>true</successful>
  <txnId>-441803971</txnId>
</deploymentResult>

```

Response Code: 200 OK

Create Event

Use the POST method to publish an event on a deployed topic in RulePoint.

POST Request in JSON Format

Generate a POST request. For example, the following POST request publishes an event in a RulePoint application:

```

http://localhost:8080/rulepoint/ui/dashboard/lc/74f182af-54ea-4ddd-9c94-49b44d46267f/
createEvent/1/1
Accept: application/json
Content-Type: application/json
Cookie: JSESSIONID=<VALID SESSION ID>

```

The createEvent REST call uses a deployed topic ID as part of the request URL.

POST Body in JSON Format

The following example shows the request body, which uses an event map:

```

{
  "eventMap": {
    "feed_title": "XYZ quarterly results announced",
    "feed_text": "XYZ price goes up by 2%",
    "lastPubDate": "2013-10-31 12:35:24 Z"
  }
}

```

POST Response in JSON Format

Returns the response code 200 OK. Returns the error object if an error occurs.

Response Code: 200 OK

POST Request in XML Format

Generate a POST request. For example, the following POST request publishes an event on a deployed topic:

```

POST http://localhost:8080/rulepoint/ui/dashboard/lc/
74f182af-54ea-4ddd-9c94-49b44d46267f/createEvent/1/1
Accept: application/xml

```

```
Content-Type: application/xml
Cookie: JSESSIONID=<VALID SESSION ID>
```

POST Body in XML Format

The following example shows the request body, which uses an event map:

```
<createEventDTO>
  <eventMap>
    <entry>
      <key>feed_title</key>
      <value>XYZ quarterly results announced</value>
    </entry>
    <entry>
      <key>feed_text</key>
      <value>XYZ price goes up by 2%</value>
    </entry>
    <entry>
      <key>lastPubDate</key>
      <value>2013-10-31 12:35:24 Z</value>
    </entry>
  </eventMap>
</createEventDTO>
```

POST Response in XML Format

Returns the response code 200 OK. Returns the error object if an error occurs.

Response Code: 200 OK

Log In

POST Request in JSON Format

To log in to RulePoint using JSON, you might use the following request header and response on wire:

```
POST http://invrw28cep14:8080/rulepoint/dtlogin
Content-Type: application/x-www-form-urlencoded
Accept: */*
j_password=Administrator1&j_username=Administrator
```

POST Response in JSON Format

The login returns the following information:

```
{
  "id": "894b2948-ce82-4e0a-9302-267d3482ae25",
  "name": "jmsconnection",
  "valid": true,
  "self": {
    "rel": "self",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
    "title": "jmsconnection",
    "id": "894b2948-ce82-4e0a-9302-267d3482ae25"
  },
  "actions": [
    {
      "rel": "update",
      "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
      "type": "PUT",
      "title": "Edit"
    },
    {
      "rel": "delete",
```

```

        "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25",
        "type": "DELETE",
        "title": "Delete"
    }
},
"acl": {
    "rel": "acl",
    "href": "api/projects/1/connections/894b2948-ce82-4e0a-9302-267d3482ae25/acl",
    "title": "acl"
},
"owningProject": {
    "rel": "owningProject",
    "href": "api/projects/1",
    "title": "Default Project",
    "id": "1"
},
"type": "connections",
"lastModifiedDate": "2013-08-23T15:17:58+05:30",
"createDate": "2013-08-23T15:17:58+05:30",
"createdBy": "Administrator",
"predefined": false,
"deployable": true,
"deployState": "DRAFT",
"force": false,
"connectionType": "jmsConnection",
"connectionTypeDisplayName": "JMS Connection",
"config": {
    "packagePrefixes": "",
    "jmsConnectionFactory": "ConnectionFactory",
    "location": "tcp://invr28cep46:61616",
    "contextFactory": "org.apache.activemq.jndi.ActiveMQInitialContextFactory",
    "userName": "",
    "password": null
}
}

```

You can then use the sessionId to make any subsequent REST calls.

Response Code: 200 OK

CHAPTER 7

RulePoint Pluggable Authentication Module

This chapter includes the following topics:

- [RulePoint Pluggable Authentication Module Overview, 380](#)
- [RulePoint Security, 380](#)
- [Defining an Authentication Contract, 382](#)

RulePoint Pluggable Authentication Module Overview

Pluggable Authentication Module (PAM) provides RulePoint system administrators or application developers the flexibility and control to set up an application authentication module without the need to rebuild RulePoint.

You can use PAM to perform the following tasks:

- Provide flexibility and control to build a custom RulePoint authentication.
- Implement multiple applications with an authentication and authorization module without the need to rebuild RulePoint.

RulePoint Security

Authentication in spring security is based on Authentication Manager, which is the main interface that provides authentication services in Spring Security. Use spring security to implement RulePoint security.

You can plug in one or more Authentication Provider implementations in Authentication Manager. The Authentication Provider implementation is mainly responsible to validate a user and build a complete identity for a validated user. The components of the Authentication Provider framework manage sessions, login, and logout.

Spring provides support to extend and plug Authentication Provider. You can override or customize the Authentication Provider for RulePoint, so that you can integrate RulePoint with different authentication providers, such as CAS, openID, and SiteMinder.

RulePoint runs in hybrid mode and includes configurations for both the local DB provider and the LDAP provider. You can create, enable, or disable LDAP in RulePoint and it will not require you to restart RulePoint.

The flexible, extensible design of spring security makes it possible to customize the supported security providers. The spring security project provides a library of classes for Authentication Provider implementations, supporting classes for filter implementations, and configuration examples.

The following files located at the `<RULEPOINT_HOME>/design/webapps/rulepoint/WEB-INF/spring` directory contain the security configurations for authentication and authorization:

- `security_authentication.xml`
- `security_authorization.xml`

The files are in standard spring `applicationContext` xml format and additionally contain the elements from the specific spring security namespace. The files are included in the `contextConfigLocation` context-param in the `web.xml` file and loaded as other components of spring.

All REST endpoints are secured by spring security. When you perform an action through the user interface or through the REST APIs, the underlying ReST layer authenticates each request with the employed authentication mechanism.

Account Management

Use the default Database Provider to perform account management.

If you want to use a different provider, you can create proxy users in the system. For example, you can create remote users for LDAP. The proxy users are read-only and provide a convenient placeholder to associate roles. If you update the proxy users, the user details in RulePoint will not be updated.

Authorization Management

RulePoint includes twenty system-defined privileges, which form the basis of authorization.

You can create roles in RulePoint that can contain one or more privileges. You can then assign the roles to users, irrespective of the type of authentication provider that is responsible for the user authentication. After a user successfully logs in to RulePoint, spring creates a security context for the user. The security context contains an authentication object that corresponds to the user, and includes a list of privileges assigned to the user through the associated role.

You can map LDAP groups to a role created within RulePoint. All users who belong to the LDAP group will have this role. Privileges determine the actions you can perform for a RulePoint object. For example, a user can have create or view privileges. Permissions determine user access to actions for a particular instance of an object.

RulePoint has an ACL system that is implemented by the spring ACL system, where you can include both users and roles in the object ACLs. You can perform all the required authorization-related actions in RulePoint. The authorization module is ApplicationProvider agnostic and does not require extension or customization.

Authentication Management

Authentication management is implemented using spring security.

To implement a different authentication module, see the development guides maintained by spring security. For more information, see the Spring Security documentation.

Session Management

You can manage an HTTPs session in RulePoint to track whether a user is logged into the system.

However, there is no external notification to an LDAP or any external system that keeps track when the user is logged into the system.

Password Management

Only database users can change passwords and enforce password complexity, but are not allowed to expire or retrieve forgotten passwords.

If LDAP is configured, LDAP validates the username and password. The LDAP server locks the user account, if necessary.

Defining an Authentication Contract

You can use any authentication provider of spring security to enable authentication in RulePoint.

Oracle Access Manager, SiteMinder, and J2EE container are some examples for pre-authenticated authentication providers for spring security. The general procedure for enabling developing and enabling authentication using these providers is the same.

Develop and Enable Oracle Access Manager Authentication Plugin on RulePoint

To enable authentication for a user who is authenticated outside RulePoint use Oracle Access Manager.

1. Create the `OAMAuthenticationFilter.java` and `PAUserDetailsServiceImpl.java` java classes.
2. Package the two java classes in a jar and place the jar in the following location:

```
<RULEPOINT_HOME>/design/webapps/rulepoint/WEB-INF/lib
```

3. Edit the existing `security_authentication.xml` to specify the authentication provider class and method.
4. Save the `security_authentication.xml` file as `security_authentication_OAM.xml` in the following location:

```
$RULEPOINT_HOME/design/webapps/rulepoint/WEB-INF/spring
```

5. Replace `security_authentication.xml` with `security_authentication_OAM.xml` in the `web.xml` file at `<RULEPOINT_HOME>/design/webapps/rulepoint/WEB-INF/`.
6. Restart the design-time instance in RulePoint.

OAMAuthenticationFilter.java

The following code shows you how to create the `OAMAuthenticationFilter.java` class:

```
package com.informatica.cep.design.custom.application.security.web;

import java.util.Arrays;
import java.util.List;

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```

import javax.servlet.http.HttpSession;

import org.springframework.security.core.Authentication;
import
org.springframework.security.web.authentication.preauth.PreAuthenticatedCredentialsNotFou
ndException;
import
org.springframework.security.web.authentication.preauth.RequestHeaderAuthenticationFilter
;
import org.springframework.util.Assert;

import com.informatica.cep.design.application.security.entities.DTUser;

/**
 * supports multiple request headers and onAuthenticationSuccessHandler to put the
currentLoggedInUser in Session
 * @author suyadav
 *
 */
public class OAMAuthenticationFilter extends RequestHeaderAuthenticationFilter {

    //principal name can be in any one of these headers
    private List<String> principalRequestHeaders =
Arrays.asList("REMOTE_USER", "HTTP_LOGIN", "HTTPS_LOGIN", "LOGIN");
    private boolean exceptionIfHeaderMissing = true;

    @Override
    protected Object getPreAuthenticatedPrincipal(HttpServletRequest request) {
        String principal = null;

        for(String currHdr:principalRequestHeaders){
            principal = request.getHeader(currHdr);

            if(principal == null){
                logger.warn("Failed to find request header "+currHdr);
            }else{
                logger.debug((new StringBuilder()).append("Found user id:
").append(principal).toString());
                break;
            }
        }
        if (principal == null && exceptionIfHeaderMissing) {
            throw new
PreAuthenticatedCredentialsNotFoundException(principalRequestHeaders
+ " header not found in request.");
        }

        return principal;
    }

    //this method override will be unnecessary if we in CurrentSessionInfoController we
pick details from SecurityContextHolder

    @Override
    protected void successfulAuthentication(HttpServletRequest request,
HttpServletResponse response, Authentication authResult) {
        super.successfulAuthentication(request, response, authResult);
        DTUser currUser = (DTUser)authResult.getPrincipal();
        HttpSession currSess = request.getSession(false);
        currSess.setAttribute("loggedInUser", currUser);
    }

    public List<String> getPrincipalRequestHeaders() {
        return principalRequestHeaders;
    }

    public void setPrincipalRequestHeaders(List<String> principalRequestHeaders) {
        Assert.notEmpty(principalRequestHeaders, "principalRequestHeaders must not be
empty or null");
        this.principalRequestHeaders = principalRequestHeaders;
    }

    @Override

```

```

        public void setExceptionIfHeaderMissing(boolean exceptionIfHeaderMissing) {
            super.setExceptionIfHeaderMissing(exceptionIfHeaderMissing);
            this.exceptionIfHeaderMissing = exceptionIfHeaderMissing;
        }
    }
}

```

PAUserDetailsServiceImpl

The following code shows you how to create the `PAUserDetailsServiceImpl.java` class:

```

package com.informatica.cep.design.custom.application.security.web;

import org.apache.log4j.Logger;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.security.authentication.BadCredentialsException;
import org.springframework.security.core.userdetails.UserDetails;
import org.springframework.security.core.userdetails.UserDetailsService;
import org.springframework.security.core.userdetails.UsernameNotFoundException;

import com.informatica.cep.design.application.security.repo.DTUserRepo;

public class PAUserDetailsServiceImpl implements UserDetailsService {

    private Logger logger = Logger.getLogger(PAUserDetailsServiceImpl.class);

    @Autowired
    private DTUserRepo userRepo;

    @Override
    public UserDetails loadUserByUsername(String username) throws
    UsernameNotFoundException {
        UserDetails ud =
        userRepo.findLocalUserByUserNameForAuthentication(normalize(username));
        if(ud == null)
            throw new BadCredentialsException("Username :"+username+" not found in
            Rulepoint");
        return ud;
    }

    //this can be used in the main code as well that way we will not require this
    special class just for this
    private String normalize(String arg)
    {
        logger.debug((new StringBuilder()).append("normalize in
        ").append(arg).toString());
        if(arg.indexOf('=') != -1)
            arg = arg.substring(arg.indexOf('=') + 1);
        logger.debug((new StringBuilder()).append("normalize out
        ").append(arg).toString());
        return arg;
    }
}

```

security_authentication_OAM.xml

The following code shows you an example of the `security_authentication_OAM.xml` file:

```

<?xml version="1.0" encoding="UTF-8"?>
<!--
- Application context containing authentication, channel
- security and web URI beans.
-
- Only used by "filter" artifact.
-
-->

```



```

<b:beans xmlns="http://www.springframework.org/schema/security"
  xmlns:b="http://www.springframework.org/schema/beans"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.springframework.org/schema/beans http://
www.springframework.org/schema/beans/spring-beans-3.0.xsd
  http://www.springframework.org/schema/security http://
www.springframework.org/schema/security/spring-security-3.1.xsd">

  <http security="none" pattern="/**/*.*.html" />
  <http security="none" pattern="/css/**" />
  <http security="none" pattern="/images/**" />
  <http security="none" pattern="/js/**" />
  <http security="none" pattern="/help/en/**" />
  <http security="none" pattern="/userguide/en/**" />

  <http realm="DT Realm" entry-point-ref="restEntryPoint" access-decision-manager-
ref="dtAccessDecisionMgr" disable-url-rewriting="false" create-session="always">
    <intercept-url pattern="/" access="IS_AUTHENTICATED_ANONYMOUSLY"/>
    <intercept-url pattern="/index.html" access="IS_AUTHENTICATED_ANONYMOUSLY" />
    <intercept-url pattern="/**" access="IS_AUTHENTICATED_FULLY" />

    <custom-filter position="PRE_AUTH_FILTER" ref="oamFilter" />
    <!-- <form-login authentication-success-handler-
ref="restSessionInfoOnAuthenticationHandler" authentication-failure-handler-
ref="restLoginExceptionHandler" login-processing-url="/dtlogin" /> -->
    <!-- <http-basic/> -->
    <logout logout-url="/dtlogout" success-handler-ref="dtLogoutHandler" />
    <!-- <remember-me /> -->
  </http>

  <b:bean id="restSessionInfoOnAuthenticationHandler"
class="com.informatica.cep.design.application.security.web.SessionInfoOnAuhtenicationSucc
essHandler"/>
  <b:bean id="dtPwdEnc"
class="org.springframework.security.crypto.password.StandardPasswordEncoder" />

  <authentication-manager alias="dtAuthProvider">
    <authentication-provider ref="preauthAuthProvider"/>
  </authentication-manager>

  <!-- for pre-auth - start -->
  <b:bean id="oamFilter"

class="com.informatica.cep.design.custom.application.security.web.OAMAuthenticationFilter
">
    <b:property name="authenticationManager" ref="dtAuthProvider" />
  </b:bean>

  <b:bean id="preauthAuthProvider"

class="org.springframework.security.web.authentication.preauth.PreAuthenticatedAuthentica
tionProvider">
    <b:property name="preAuthenticatedUserDetailsService">
      <b:bean id="userDetailsServiceWrapper"

class="org.springframework.security.core.userdetails.UserDetailsServiceWrapper">
        <b:property name="userDetailsService" >
          <b:bean
class="com.informatica.cep.design.custom.application.security.web.PAUserDetailsServiceImp
1"/>
        </b:property>
      </b:bean>
    </b:property>
  </b:bean>

  <!-- for pre-auth - end -->

```

```

    <b:bean id="restEntryPoint"
class="org.springframework.security.web.authentication.Http403ForbiddenEntryPoint"/>

    <b:bean id="restLoginExceptionHandler"
class="com.informatica.cep.design.application.security.web.Http401ExceptionHandler"/>

    <b:bean id="dtAccessDecisionMgr"
class="org.springframework.security.access.vote.AffirmativeBased">
    <b:constructor-arg>
    <b:list>
    <b:bean class="org.springframework.security.access.vote.AuthenticatedVoter"/>
    <b:bean class="org.springframework.security.access.vote.RoleVoter">
    <b:property name="rolePrefix" value="PRIV_" />
    </b:bean>
    </b:list>
    </b:constructor-arg>
    </b:bean>

    <b:bean id="dtLogoutHandler"
class="com.informatica.cep.design.application.security.web.NonRedirectingLogoutSucessHand
ler"/>

    <!-- Automatically receives AuthenticationEvent messages -->
    <b:bean id="loggerListener"
class="org.springframework.security.authentication.event.LoggerListener"/>

</b:beans>

```

APPENDIX A

HTTP Request and Response Attributes

This appendix includes the following topics:

- [Request and Response Attributes Overview, 387](#)
- [Common Request and Response Attributes, 387](#)
- [Topic Attributes, 389](#)
- [Source Attributes, 389](#)
- [Connection Attributes, 392](#)
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- [Responder Attributes, 395](#)
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Request and Response Attributes Overview

This appendix provides the HTTP request and response attributes of the REST calls for RulePoint objects, users, and deployment options.

The appendix provides a brief description of the common attributes across all the REST calls and also lists the attributes specific for each resource type.

Common Request and Response Attributes

The following table describes the common HTTP request and response attributes of the REST calls:

Attributes	Description
id	Unique identifier of the object.
name	The name of the object

Attributes	Description
valid	The current status of the object.
self	URI reference of the object.
actions	Array of all the actions, for example, deploy, update, or delete, that you can perform on the object and the related URIs.
acl	A list of permissions attached to an object or project. The acl associated to an object consists of the user ID, the read, write, execute, or deny permissions, and the grant or deny access rights to that particular object or project.
description	Description of the object
owningProject	The link to the project that contains the object.
type	The object type.
lastModifiedDate	The timestamp when the object was last modified.
createDate	The timestamp when the object was created.
createdBy	The user who created the object.
deployState	Specifies whether the object can be deployed.
	The current state of the object, for example, deployed, needs_deployment, or draft state.
force	Force saves an invalid rule or template. If you set the value to true, if the rule or template compilation fails, that rule or template is force saved as an invalid rule or template.
marshaller	An object such as a source or responder that holds the marshaller class name and properties.
marshallerClassname	The fully qualified classname of the marshaller.
marshallerProperties	A comma-separated list of key-value pairs that are passed to the marshaller.
connection	A link to the connection that is referred by the source or responder.

Note: A link is a group of attributes that point to an object.

Topic Attributes

The following table describes the HTTP request and response attributes of the REST calls for a topic:

Attributes	Description
expiresIn	The event expiry time in milliseconds
responderAccess	The properties of events (either Named or All properties) in the topic that the responder must access to.
properties	The property set of an event that a source publishes to a topic.
rules	The link to the array of rules that refer to the object.
responders	Array of responders referring to this topic.
templates	Link to array of templates that have a reference to this topic.

Source Attributes

The tables list the HTTP request and response attributes to call a REST API for different types of RulePoint sources.

SQL Source

The following table describes the HTTP request and response attributes of the REST calls for an SQL source:

Attributes	Description
fetchSize	Number of rows to fetch.
sql	The SQL query to run against the target database.
updateSql	The UPDATE statement for each record extracted from the query and published to RulePoint.
bufferResult	Determines whether to maintain a buffer of the result sets to publish to the topic. Used only when defining a SQL source service.
markerId	The name to assign to the marker. This is the batch name that the sever associates with all published events.
parameters	The parameters to use in the SQL query.
propertyMetadataMap	The unique name-value pairs of static metadata or additional information about this service that becomes part of the event properties.
transactionSize	The frequency to update the parameters with data from the most recently processed records.

JMS Source

The following table describes the HTTP request and response attributes of the REST calls for a JMS source:

Attributes	Description
clientAcknowledgeMode	Specifies the acknowledgement mode for non-transacted sessions, such as Auto Acknowledge, Client Acknowledge, or Acknowledge.
clientId	Client identifier to identify the source.
destination	Name of the Queue or Topic on the JMS Provider.
messageSelector	Criteria for filtering message header or message properties, to limit which JMS messages RulePoint receives.
subscriptionName	Durable subscription name.

RSS Reader Source

The following table describes the HTTP request and response attributes of the REST calls for an RSS Reader Source:

Attributes	Description
username	The user name to access the specified URL if the URL requires authentication.
mostRecentEventDate	Only feeds with pubDate after this will be read.
markerId	The name to assign to the marker.
propertyMetadataMap	The unique name-value pairs of static metadata or additional information about this service that becomes part of the event properties.
url	The URL for the RSS news feed.
password	The password associated with the user name required to access the specified URL.

URL Monitoring Source

The following table describes the HTTP request and response attributes of the REST calls for a URL monitoring source:

Attributes	Description
markerId	The name to assign to the marker.
propertyMetadataMap	The unique name-value pairs of static metadata or additional information about this service that becomes part of the event properties.
url	The URL of the web page to connect.

Web Page Monitoring Source

The following table describes the HTTP request and response attributes of the REST calls for a web page monitoring source:

Attributes	Description
markerId	The name to assign to the marker.
propertyMetadataMap	The unique name-value pairs of static metadata or additional information about this service that becomes part of the event properties.
url	The URL of the web page to connect.

Web Service Source

The following table describes the HTTP request and response attributes of the REST calls for a web service source:

Attributes	Description
serviceName	Service to list the operations to run.
operation	The WSDL operation that you want to run.
inputParameters	List of parameters for your WSDL operation.
xpathExpr	If the operation returns a result, the type of output that the Web Service expects. The output types include an XML document or the result of the application of an XPath expression that you provide.
markerId	The name to assign to the marker. This is the batch name that the sever associates with all published events.
propertyMetadataMap	The unique name-value pairs of static metadata or additional information about this service that becomes part of the event properties.

Connection Attributes

The tables list the HTTP request and response attributes to call REST APIs for the supported RulePoint connections.

SQL Connection

The following table describes the HTTP request and response attributes of the REST calls for an SQL connection:

Attributes	Description
type	Connections.
connectionType	The type of connection.
acquireRetryAttempts	A limit for the number of times that RulePoint attempts to acquire a connection from the database before giving up. If the value is less than or equal to zero, RulePoint makes an indefinite number of attempts to fetch a connection.
acquireRetryDelay	The delay between two retry attempts.
driverClass	The JDBC driver class for establishing connection to the database.
jdbcString	The JDBC connection URL.
username	The database user name to log in to the target database.
password	Password to log in to the target database.
maxPoolSize	The maximum number of connections that are maintained in the connection pool.
minPoolSize	Minimum number of connections to hold in the connection pool.
initialPoolSize	The initial size of the connection pool.
checkoutTimeout	The timeout duration in milliseconds for acquiring connection to the database.
acquireIncrement	The number of connections to acquire incrementally.
retryCount	The number of connection retry attempts that RulePoint should make.
retryDelay	The amount of time, in milliseconds, to wait between connection attempts.
loginTimeOut	Log in timeout, in seconds.

Email Connection

The following table describes the HTTP request and response attributes of the REST calls for an email connection:

Attributes	Description
port	The port number to connect to the SMTP server.
username	If required by the SMTP server, the SMTP server user name.
retryCount	The number of connection retry attempts that RulePoint should make.
retryDelay	The amount of time, in milliseconds, to wait between connection attempts.
server	The fully qualified domain name of the SMTP server that is used to send outbound email from RulePoint.
password	If required by the SMTP server, the password associated with the SMTP server username.

JMS Connection

The following table describes the HTTP request and response attributes of the REST calls for a JMS connection:

Attributes	Description
connectionType	JMS connection.
location	The location of the naming service and port on which to connect.
contextFactory	The JMS provider specific initial JNDI context factory implementation for connecting to the JNDI service. This value is a fully qualified class name of the factory class that creates the initial context.
jmsConnectionFactory	The name of the object in the JNDI server that enables the JMS Client to create JMS connections.
packagePrefixes	A colon-delimited list of package prefixes to use when loading URL context factories. These are the package prefixes for the name of the factory class that will create a URL context factory.
userName	The authentication user name.
password	The password for the authentication user name.

Web Service Connection

The following table describes the HTTP request and response attributes of the REST calls for a web service connection:

Attributes	Description
userNameSpace	User name space.
retryCount	The number of connection retry attempts that RulePoint should make.

Attributes	Description
retryDelay	The amount of time, in milliseconds, to wait between connection attempts.
password	The password associated with the Web Service user name.
wsdlDuration	The amount of time in seconds that the WSDL is retained in a cache.
url	The URL of the WSDL file that contains the operations that you want to execute.
loginName	The Web Service user name for Web Service authentication.

Analytic Attributes

The following table describes the HTTP request and response attributes of the REST calls for an SQL analytic:

Attributes	Description
operation	The Web Services operation to run.
evaluationRequired	Specifies whether the result of the analytic is part of conditional evaluation within a rule.
parameterList	List of parameters for the selected Web Services operation.
xpathExpr	If you specify an XPath expression in the analytic, you get either a single value or a list of many text values in return. If you do not specify any XPath expression, you get the entire XML document in return.
serviceName	The name of the Web Services analytic. This must be a unique name.
cacheDuration	The amount of time, in seconds, to retain the WSDL results in a cache for the provided parameters.

Responder Attributes

The tables list the HTTP request and response attributes to call REST APIs for the supported RulePoint responders.

RTAM Responder

The following table describes the HTTP request and response attributes of the REST calls for an RTAM responder:

Attributes	Description
to	The user name of the user who would receive the alert.
body	The body of the alert.
subject	The subject of the alert.
priority	The priority to place on the RTAM alert.
channels	A semicolon-delimited list of channels to deliver the alert to.
header	The header information for the alert, which the user can view in RTAM.
actions	A semicolon-delimited list of comma-delimited name-link pairs for actions to show in the RTAM interface for this alert.
groups	A group address to receive the Response message as defined by your RTAM administrator.
metadata	Additional information or metadata.

Email Responder

The following table describes the HTTP request and response attributes of the REST calls for an email responder:

Attributes	Description
to	A comma-delimited list of email addresses to which RulePoint sends the response.
body	The body of the email response.
replyTo	A comma-delimited list of email addresses to send replies to the email response.
subject	The subject of the email response.
sentDate	The date that you want to appear as the email send date.
bcc	A comma-delimited list of email addresses to send the responses to as a blind copy.
from	The email address from which the email response must originate.

Attributes	Description
contentType	The content type of the email response.
cc	A comma-delimited list of email addresses to send the responses to as a copy.

JMS Responder

The following table describes the HTTP request and response attributes of the REST calls for a JMS responder:

Attributes	Description
body	The body of the JMS response message.
retryCount	The number of retries.
priority	Priority of the message.
retryDelay	Delay between two consecutive retries.
deliveryMode	Persistent or Non-Persistent modes of delivering the message. Valid values would be 1 for non-persistent mode, 2 for persistent mode.
params	The parameters to use in the SQL query.
timeToLive	The message expiry time.
destination	The JMS destination to which the message has to be sent. Prefix a topic name with "topic/".

Web Service Responder

The following table describes the HTTP request and response attributes of the REST calls for a web service responder:

Attributes	Description
operation	Operations defined within the WSDL file.
inputParameters	A comma-delimited list of name-value pairs provided to the Web Service.
serviceName	Name of the responder. The responder name must be unique.

Response Attributes

The tables list the HTTP request and response attributes to call REST APIs for the supported RulePoint responses.

SQL Response

The following table describes the attributes in the HTTP request and response content in an SQL response:

Attributes	Description
sql	The SQL query to run.
params	Parameters to be passed to the query.

Email Response

The following table describes the attributes in the HTTP request and response content in an email response:

Attributes	Description
to	A comma-delimited list of email addresses to send the response.
body	The body of the email response.
replyTo	A comma-delimited list of email addresses to send email response replies.
subject	The subject of the email response.
sentDate	The date that you want to appear as the email send date.
bcc	A comma-delimited list of email addresses to send a blind copy of the response.
from	The email address from which the email response originates.
contentType	The content type of the email response.
cc	A comma-delimited list of email addresses to send a copy of the response.

JMS Response

The following table describes the attributes in the HTTP request and response content in a JMS response:

Attributes	Description
body	Message body.
retryCount	The number of retries to be made
priority	Priority of the message.
retryDelay	Delay between two consecutive retries.

Attributes	Description
deliveryMode	Persistent or Non-Persistent modes of delivering the message. Valid values would be 1 for non-persistent mode, 2 for persistent mode.
params	Message parameters.
timeToLive	The message expiry time.
destination	The JMS destination to which the message has to be sent. Prefix a topic name with "topic/"

Web Service Response

The following table describes the attributes in the HTTP request and response content in a web service response:

Attributes	Description
operation	Operations defined within the WSDL file.
inputParameters	A comma-delimited list of name-value pairs provided to the Web Service. The operation and parameters that you list must be defined in the WSDL.
serviceName	Name of the responder. The responder name must be unique.

Deployment Attributes

The following table describes the attributes in the HTTP request and response content for deploy and reassign objects:

Attributes	Description
topologyId	The ID of the topology in use.
itemsToDeploy	An array of objects that you want to deploy along with the corresponding deployment groups.
artifactId	Unique identifier of the object that you want to deploy.
groupNames	An array of deployment groups to which you want to deploy the object.
successful	Whether the action, deploy, undeploy, or redeploy is successful.
txnId	The transaction ID of the particular action.
dpId	The deployment ID for a set of objects.

Note: For undeploy and redeploy RulePoint objects, you send an array of the object IDs.

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