



Informatica® PowerCenter
10.0

Using PowerCenter Reports

Informatica PowerCenter Using PowerCenter Reports
10.0
November 2015

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Publication Date: 2018-10-01

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Preface

The *Using PowerCenter Reports* guide describes how to view PowerCenter Repository Reports and Metadata Manager Reports from multiple applications. This guide is written for administrators who manage privileges and services in Informatica Administrator. This guide is also written for end-users who view reports from JasperReports Server, the PowerCenter Client, and Metadata Manager. This guide assumes that the repository services are configured and running in the domain and that end-users are familiar with the client tools to access reports.

Informatica Resources

Informatica My Support Portal

As an Informatica customer, the first step in reaching out to Informatica is through the Informatica My Support Portal at <https://mysupport.informatica.com>. The My Support Portal is the largest online data integration collaboration platform with over 100,000 Informatica customers and partners worldwide.

As a member, you can:

- Access all of your Informatica resources in one place.
- Review your support cases.
- Search the Knowledge Base, find product documentation, access how-to documents, and watch support videos.
- Find your local Informatica User Group Network and collaborate with your peers.

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The Documentation team updates documentation as needed. To get the latest documentation for your product, navigate to Product Documentation from <https://mysupport.informatica.com>.

Informatica Product Availability Matrixes

Product Availability Matrixes (PAMs) indicate the versions of operating systems, databases, and other types of data sources and targets that a product release supports. You can access the PAMs on the Informatica My Support Portal at <https://mysupport.informatica.com>.

Informatica Web Site

You can access the Informatica corporate web site at <https://www.informatica.com>. The site contains information about Informatica, its background, upcoming events, and sales offices. You will also find product and partner information. The services area of the site includes important information about technical support, training and education, and implementation services.

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Informatica Velocity

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You can contact a Customer Support Center by telephone or through the Online Support.

Online Support requires a user name and password. You can request a user name and password at <http://mysupport.informatica.com>.

The telephone numbers for Informatica Global Customer Support are available from the Informatica web site at <http://www.informatica.com/us/services-and-training/support-services/global-support-centers/>.

CHAPTER 1

Setting Up and Running PowerCenter Reports

This chapter includes the following topics:

- [Setting up and Running PowerCenter Reports Overview, 8](#)
- [Setting Up PowerCenter Reports, 9](#)
- [Running PowerCenter Reports, 10](#)
- [Running Metadata Manager Reports, 11](#)
- [Logging in to JasperReports Server, 12](#)

Setting up and Running PowerCenter Reports Overview

PowerCenter reports are prepackaged reports for users to analyze PowerCenter metadata. PowerCenter reports include PowerCenter Repository Reports and Metadata Manager Reports.

An administrator needs to set up PowerCenter reports depending on the report packages that users want to run.

Users who are granted access to the reports can view them in JasperReports Server. Users can click the Reporting and Dashboards Service URL in the Administrator tool to launch JasperReports Server or they can log in to JasperReports Server from a browser. In addition, users can view the PowerCenter reports from the PowerCenter Client and view the Metadata Manager reports from Metadata Manager.

PowerCenter Repository Reports

PowerCenter Repository Reports are prepackaged reports that allow you to analyze the following types of PowerCenter repository metadata:

- **Source and target metadata.** Includes shortcuts, descriptions, and corresponding database names and field-level attributes.
- **Transformation metadata in mappings and mapplets.** Includes port-level details for each transformation.
- **Mapping and mapplet metadata.** Includes the targets, transformations, and dependencies for each mapping.
- **Workflow and worklet metadata.** Includes schedules, instances, events, and variables.

- **Session metadata.** Includes session execution details and metadata extensions defined for each session.
- **Change management metadata.** Includes versions of sources, targets, labels, and label properties.
- **Operational metadata.** Includes run-time statistics.

Metadata Manager Reports

Metadata Manager Reports are prepackaged reports that allow you to perform several types of analysis on metadata stored in the Metadata Manager warehouse. The reports analyze the following areas:

- **Business intelligence.** Includes business intelligence objects such as metrics, attributes, reports, and schemas.
- **Data modeling.** Includes data modeling tool metadata, such as tables, views, triggers, indexes, and procedures for each model.
- **Data integration.** Includes data integration objects such as transformation ports, mappings, and workflows.
- **Database management.** Includes database objects, such as constraints, procedures, functions, synonyms, tables, views, triggers, and indexes, and the relationships among them.
- **Metamodel.** Includes models defined in Metadata Manager, such as the number of objects in each class of a particular repository and which associations and classes are not used in each repository instance.

Setting Up PowerCenter Reports

To enable users to view reports using JasperReports Server, an administrator must create and enable Informatica services, configure reporting sources, and grant user access to these reports.

Create and Enable Informatica Services

To view PowerCenter and Metadata Manager reports, an administrator must create and enable the Reporting and Dashboards Service. The Reporting and Dashboards Service is an application service that runs the JasperReports application in an Informatica domain.

Create and enable the PowerCenter Repository Service to view PowerCenter reports. Create and enable the Metadata Manager Service to view Metadata Manager reports.

Add a Reporting Source

To run reports associated with a service, an administrator must add a reporting source for the Reporting and Dashboards Service.

When you add a reporting source, choose the data source to report against. To allow users to run the reports against the PowerCenter repository, select the associated PowerCenter Repository Service and specify the PowerCenter repository details. To allow users to run the Metadata Manager reports, select the associated Metadata Manager Service and specify the repository details.

Note: An administrator or any user with the Access Informatica Administrator and Manage Service privileges on the Informatica domain and with access permission on the Informatica services can add reporting sources.

For an instance of the Reporting and Dashboards Service, you can create multiple reporting data sources. For example, to one Reporting and Dashboards Service, you can add a PowerCenter data source and a Metadata Manager data source.

Grant Users Access to Reports

To enable users to access reports from JasperReports Server, an administrator must use the Administrator tool and JasperReports Server to grant required privileges and permissions.

To allow users to access the reports in JasperReports Server, grant the Normal User privilege to the user from the Administrator tool.

From JasperReports Server, an administrator can assign permissions to ensure that users can access appropriate reports. Users with the Normal User privilege have read-only access to the reports in JasperReports Server. However, any user with Administrator privilege or Superuser privilege can edit the report and change the user permissions for various reports.

To grant users access to reports in JasperReports Server, select a folder in the Jaspersoft repository and assign appropriate permissions to various roles and users. For more information about assigning permissions, see the Jaspersoft documentation.

Running PowerCenter Reports

You can run PowerCenter reports from JasperReports Server or the PowerCenter Client. You can access JasperReports Server from the Administrator tool or log in to JasperReports Server.

In JasperReports Server, click **View > Repository > Service Name** to view the reports.

Running PowerCenter Repository Reports from the PowerCenter Client

You can run the PowerCenter reports from the Designer or the Workflow Manager and view them in JasperReports Server.

You can run PowerCenter Repository Reports for the following repository objects:

- **Mapplets and mappings.** Run mapplet and mapping reports from the Designer to get more information about the sources, targets, ports, and transformations in mappings and mapplets.
- **Workflows.** Run the Workflow Composite Report from the Workflow Manager to get more information about the workflow tasks, events, and variables in a workflow.

When you run a report, the Designer or Workflow Manager launches JasperReports Server in a browser window.

Running a Mapplet Composite Report

The Mapplet Composite Report includes the following information about a mapplet:

- **All objects.** Information about all objects in the mapplet.
- **Transformations.** Transformations used in the mapplet.

To run a Mapplet Composite Report from the PowerCenter Client:

1. In the Designer, open a mapplet.

2. Right-click in the workspace and choose **View Mapplet Report**.

The Designer launches JasperReports Server in the default browser for the client machine and runs the Mapplet Composite Report.

Running a Mapping Composite Report

The Mapping Composite Report includes information about the following components in the mapping:

- **Source and target fields.** Fields used in mapping sources.
- **Port connections.** Port-level connections between objects.
- **Transformation ports.** Transformation ports for each transformation in the mapping.
- **Object-level connections.** Connections between all objects in the mapping.

To run a Mapping Composite Report from the PowerCenter Client:

1. In the Designer, open a mapping.
2. Right-click in the workspace and choose **View Mapping Report**.

The Designer launches JasperReports Server in the default browser for the client machine and runs the Mapping Composite Report.

Running a Workflow Report

The Workflow Composite Report includes information about the following components in a workflow:

- **Tasks.** Tasks contained in the workflow.
- **Events.** User-defined and built-in events in the workflow.
- **Variables.** User-defined and built-in variables in the workflow.

To run a Workflow Composite Report from the PowerCenter Client:

1. In the Workflow Manager, open a workflow.
2. Right-click in the workspace and choose **View Workflow Report**.

The Workflow Manager launches JasperReports in the default browser for the client machine and runs the Workflow Composite Report.

Running Metadata Manager Reports

You can run Metadata Manager reports from the Administrator tool or from Metadata Manager using JasperReports Server.

1. Launch JasperReports Server from Metadata Manager or the Administrator tool:
 - In Metadata Manager, click **View Reports** in the toolbar.
 - In the Administrator tool, click the service URL of the Reporting and Dashboards Service in the Properties view.JasperReports Server opens in a browser window.
2. Click **View > Repository > Service Name** to view the reports.

Logging in to JasperReports Server

You must have a user account with privileges for the Reporting and Dashboards Service to log in to JasperReports Server.

You can log in to JasperReports Server by accessing the Reporting and Dashboards Service URL from the Administrator tool or from a browser.

1. Open a browser.
2. Enter the URL in the address field of the browser.

See the Reporting and Dashboards Service URL in the **Properties** view of the Administrator tool. The JasperReports Server URL has the following format:

```
http(s)://<host_name>:<port_number>/ReportingandDashboardsService/
```

3. Enter the user name and password.
4. Select Native or the name of a specific security domain.

The Security Domain field appears when the Informatica domain contains an LDAP security domain. If you do not know the security domain that your user account belongs to, contact the Informatica domain administrator.

5. Click **Login**.

The JasperReports Server page appears.