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Using PowerCenter Reports Guide-copyright

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Preface

See the *Using PowerCenter® Reports* to learn how to view PowerCenter Repository Reports and Metadata Manager Reports from multiple applications. Refer the guide to see how you can manage privileges and services in Informatica Administrator. You can learn how to set up and run PowerCenter and Metadata Manager reports.

You can also learn how to view reports from the PowerCenter Client and Metadata Manager. You can also configure the repository services and run the domain and use the client tools to access reports.

Informatica Resources

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- Create and review your support cases.
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You can find Informatica Velocity resources at <http://velocity.informatica.com>. If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

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You can contact a Global Support Center by telephone or through the Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.

Setting Up and Running PowerCenter Reports

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.

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

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

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 Metadata Manager using JasperReports Server.

1. Launch JasperReports Server from Metadata Manager. In Metadata Manager, click View Reports in the toolbar.
2. Click **View > Repository > Service Name** to view the reports.