



METAQUERY

USER GUIDE



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Introduction

MetaQuery is a web based application that can be used to query against the PowerCenter repository for some of the key properties in sessions, workflows, mappings, transformations, permission objects, and so on.

Functionality

MetaQuery enables the user to connect to the database (using JDBC) to retrieve data by providing the repository database connection information. Some features of this tool are:

- Supports repository in Oracle, DB2, and SQLServer.
- Displays a list of properties for sessions, workflows, mappings, and so on, which can be used for querying purposes (currently, it supports different properties).
- A MetaQuery Report can be generated on any of the properties selected.
- The report can be exported to CSV format.



Accessing MetaQuery

You can access Informatica MetaQuery using the URL: <http://hostname:portnumber>. The default port number is 25000, which can be changed during the installation. For more details on installation, see the [Pre-Requisites and Installation Guide](#).

Login Credentials

The default Username and Password to login to the Informatica Support Console is admin/admin. First time login prompts the user to change the password. Password must contain at least 8 characters, an uppercase, a lowercase, a number, and a special character.

A screenshot of the Informatica Metaquery login interface. The top header is black with the Informatica logo and the text "informatica Metaquery" in white. Below the header is a light gray background with a faint grid pattern. There are two input fields: "Username" and "Password", each with a white text box containing the placeholder text "Username" and "Password" respectively. A blue "Login" button is located at the bottom right of the form area.



Configuring Users

When you login to Informatica MetaQuery, a default admin user Id is displayed. This Id cannot be deleted. However, you can modify the password..

Types of Users

There are two types of users:

Admin has permissions to:

- Create, modify, or delete another user.
- Add other admin users to the system.
- Create, modify, and delete Informatica repository connections.
- Assign privileges to non-admin users to connect to a repository.

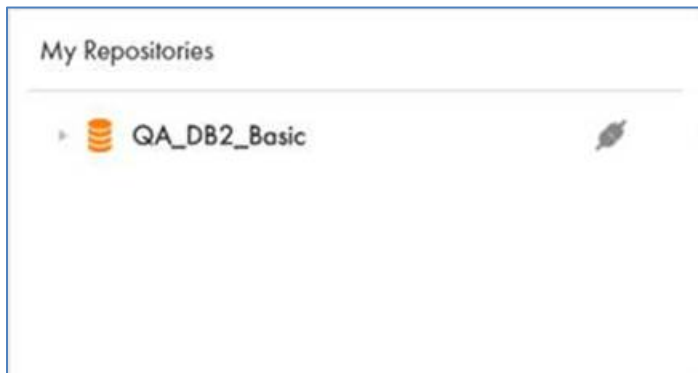
An **Admin** can control user access to various features. Some features may not be available to the User.

Feature	Admin	User
Add / Modify / Delete user	Yes	No
Manage Repositories	Yes	No
MetaQuery (execute queries)	Yes	Yes (if permission granted by Admin)

User has permissions to:

- Execute queries for the repository.


The **User** does not have Edit or Delete options displayed for each repository. They can only connect the repository.





Creating Users

To create users, do the following:

1. Click *Manage* .
2. Click *Configure Users*.
3. Click *Create*.
4. In the *Configure User* dialog-box, enter a *User Name*.
5. Select a *User Type*.
6. Enter a *Password* (Password must contain atleast 8 characters, an uppercase, a lowercase, a number, and a special character).
7. Re-enter the password in *Retype Password*.
8. Enter *Email ID*.

Configure User ✕

User Details Repository Permissions

User Name*

User Type

Password*

Retype Password*

Email ID*

9. Click *Next* to associate Repository Permissions.



10. Select one or more Repositories to provide access to the selected user.

Note: Only users with this privilege can connect and run the queries.

Configure User ⓧ

[User Details](#) [Repository Permissions](#)

Access to Repositories: [Select All](#) [None](#)

Access Privilege	Repository Connection Name
<input type="checkbox"/>	RS_NU_5

[Previous](#) [Save](#) [Close](#)

11. Click *Save*.

12. In the *User Management* dialog-box, click *Done*.

13. Click the *Modify* or *Delete* buttons to edit or delete an existing user.


Note: The User Name or Email ID cannot be modified.



Adding a Repository

Only the Admin can add a repository.

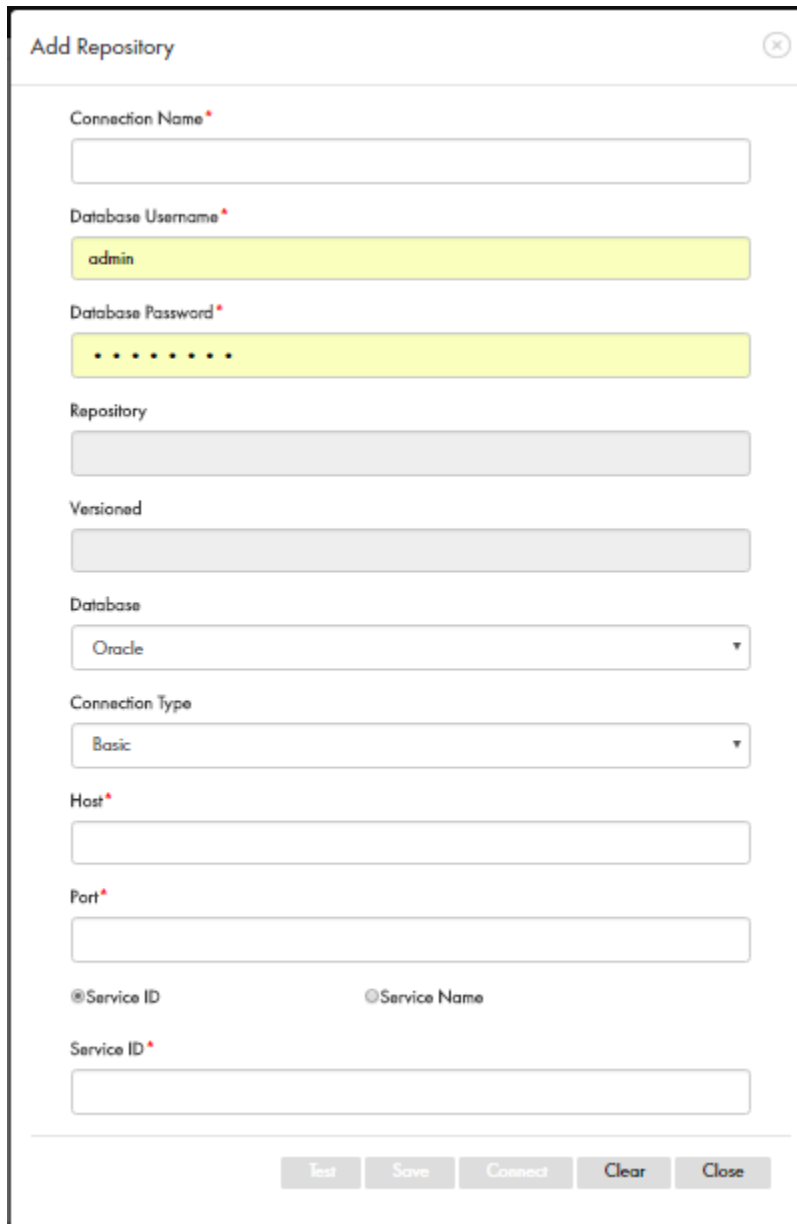
To add a repository, do the following:

1. Click *Add*  .
2. In the *Add Repository* dialog-box, specify the Connection Name, Database Username, Password, and Database Type (Oracle, DB2, or MSSQL).
3. Select a *Connection Type*.

Connection can be of two types; Basic and URL.

By default, the Basic connection type is selected. For Basic connection type, enter the predefined input parameters required for database connection such as, Host name, Port

number (Service ID for Oracle and Database for DB2)



The screenshot shows the 'Add Repository' dialog box with the following fields and options:


- Connection Name* (text input)
- Database Username* (text input, value: admin)
- Database Password* (password input, masked with dots)
- Repository (text input)
- Versioned (text input)
- Database (dropdown menu, value: Oracle)
- Connection Type (dropdown menu, value: Basic)
- Host* (text input)
- Port* (text input)
- Radio buttons: Service ID and Service Name
- Service ID* (text input)

Buttons at the bottom: Test, Save, Connect, Clear, Close.

4. Click *Test*, to test the repository connection.

Note: If the test connection is successful, the Repository name and status (Versioned/Non versioned) are displayed.

5. Click *Save* to save the Repository connection details.
6. Click *Connect* to connect to the Repository.



Note: You can also connect to an existing Repository by clicking the  icon next to the listed repository.



Connecting to a Repository

An Admin can connect to a repository. However, if the Admin has assigned privileges for a repository, the User can also connect to a repository.

To connect to a configured repository, do the following:

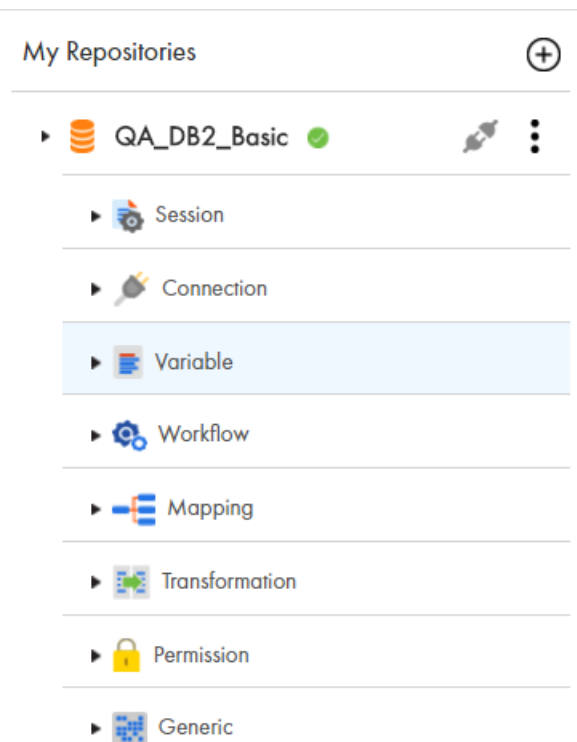
1. In *My Repositories*, select a repository to connect.
2. Click  next to the listed Repository.
3. The  sign indicates that the Repository is connected.

Executing pre-defined Queries

Both the Admin and User can execute queries.

To execute pre-defined queries, do the following:

1. Connect to the Repository
2. Each Repository displays the following parameters:
 - Session
 - Connection
 - Variable
 - Workflow
 - Mapping
 - Transformation
 - Permissions
 - Generic



3. To get details of the property, select the property and click *Generate*.

Example

- Select *Session > Target Load Type*.
- To filter your search, you can choose to run the MetaQuery on a specific folder. Depending on the property, different parameters are displayed. Select the value(s) accordingly.

Session / Target Load Type

Target Load Type

Target load type for sessions.

Folder: *

like

ALL

Value: *

like

NORMAL_MODE

Generate

- Property name and Description are displayed.
- The Query results are displayed.

Query Result (751 items)

Export

SUBJ_NAME :	WORKFLOW_NAME :	SESSION_NAME :	TARGET_INSTANCE_NAME :	VALUE :
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
elevate_from	wf_Cyberlife_TX191Request_Bulk_Part1	s_CYBERLIFE_AUDIT_END	CYBERLIFE_AUDIT	NORMAL_MODE
elevate_from	wf_Cyberlife_TX191Request_Bulk_Part1	s_CYBERLIFE_PROCESSING_DATES	CYBERLIFE_PROCESSING_DATES	NORMAL_MODE
elevate_from	wf_Cyberlife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_add_RI_constraints	CYBERLIFE_PROCESSING_DATES11	NORMAL_MODE
elevate_from	wf_Cyberlife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_drop_RI_constraints	CYBERLIFE_PROCESSING_DATES11	NORMAL_MODE
elevate_from	wf_Cyberlife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_add_RI_constraints	CYBERLIFE_PROCESSING_DATES12	NORMAL_MODE
elevate_from	wf_Cyberlife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_drop_RI_constraints	CYBERLIFE_PROCESSING_DATES12	NORMAL_MODE
elevate_from	worklet_Post_TX191_load	s_TX191Request_Cleanup	CYBERLIFE_PROCESSING_DATES_wf_pre_post	NORMAL_MODE
elevate_from	worklet_Post_TX191_load	s_TX191Request_Data_Corrections	CYBERLIFE_PROCESSING_DATES_wf_pre_post	NORMAL_MODE
dummy_pass_through	wf_emp_map	s_emp_map	EMP1	NORMAL_MODE
pass_through	wf_emp_map	s_emp_map	EMP1	NORMAL_MODE

- Every page displays 10 records. Use pagination to go to the required page.



- Use the filter on individual columns to narrow down search results.

Query Result (751 items) Export

SUBJ_NAME :	WORKFLOW_NAME :	SESSION_NAME :	TARGET_INSTANCE_NAME :	VALUE :
<input type="text" value="from"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
elevate_from	wf_CyberLife_TX191Request_Bulk_Part1	s_CYBERLIFE_AUDIT_END	CYBERLIFE_AUDIT	NORMAL_MODE
elevate_from	wf_CyberLife_TX191Request_Bulk_Part1	s_CYBERLIFE_PROCESSING_DATES	CYBERLIFE_PROCESSING_DATES	NORMAL_MODE
elevate_from	wf_CyberLife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_add_RI_constraints	CYBERLIFE_PROCESSING_DATES11	NORMAL_MODE
elevate_from	wf_CyberLife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_drop_RI_constraints	CYBERLIFE_PROCESSING_DATES11	NORMAL_MODE
elevate_from	wf_CyberLife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_add_RI_constraints	CYBERLIFE_PROCESSING_DATES12	NORMAL_MODE
elevate_from	wf_CyberLife_TX191Request_Bulk_Part1	s_CYBERLIFE_PRE_POST_SQL_drop_RI_constraints	CYBERLIFE_PROCESSING_DATES12	NORMAL_MODE
elevate_from	worklet_Post_TX191_Load	s_TX191Request_Cleanup	CYBERLIFE_PROCESSING_DATES_wf_pre_post	NORMAL_MODE
elevate_from	worklet_Post_TX191_Load	s_TX191Request_Data_Corrections	CYBERLIFE_PROCESSING_DATES_wf_pre_post	NORMAL_MODE
elevate_from	worklet_Post_TX191_Load	s_UPDATE_CMP_LOOKUP_ProductCode_BY_RCD	X_CovOption	NORMAL_MODE
elevate_from	worklet_Post_TX191_Load	s_map_UPDATE_CMP_LOOKUP_TableRatings	X_CovOption_PermTableRating_OVERRIDE	NORMAL_MODE



◀ 1 2 ▶

- Use the to show or hide columns that the result contains.
- Use the *Export* option to download the data in CSV format.





Editing a Repository

The Admin can edit a repository.

1. Click on  next to the connected repository.
2. Click  **Edit Repository**
3. Edit the Database Password.
4. Click *Test* to test the connection.
5. Click *Save*.

Deleting a Repository

The Admin can delete a repository.

1. Click on  next to the connected repository.
2. Click  **Delete Repository**


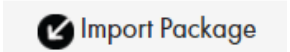
The Repository is now deleted and cannot be accessed.

Importing a Package

The Admin user can *Import Package* for MetaQuery.

Informatica can add newer queries that are available as a package. Adding a package would add newer queries to execute.

Note: All connections to repository should be disconnected before importing packages.

1. Click *Manage*  and then click .
2. Browse and import the package.

Newer queries will be added in the respective repository.