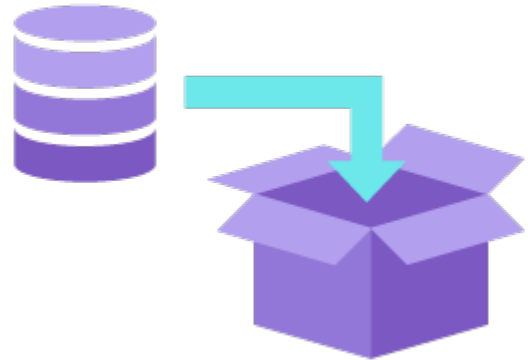


Database Import

Import data from a database into Insight.

Some use cases could be:

- Import data from another CMDB like BMC Remedy or Service Now
- Import CRM data from a proprietary legacy system
- And so much more....




Import Type Fields

These are the module type specific fields that need to be configured for this import type. **All of these fields are mandatory.**


Create Import configuration

Select Import Type General fields **Module fields** Scheduling

URL* 
The database connection URL

Driver*
The driver class to use to connect to the database


Username*
The username used to authenticate

Password* 
The password used to authenticate

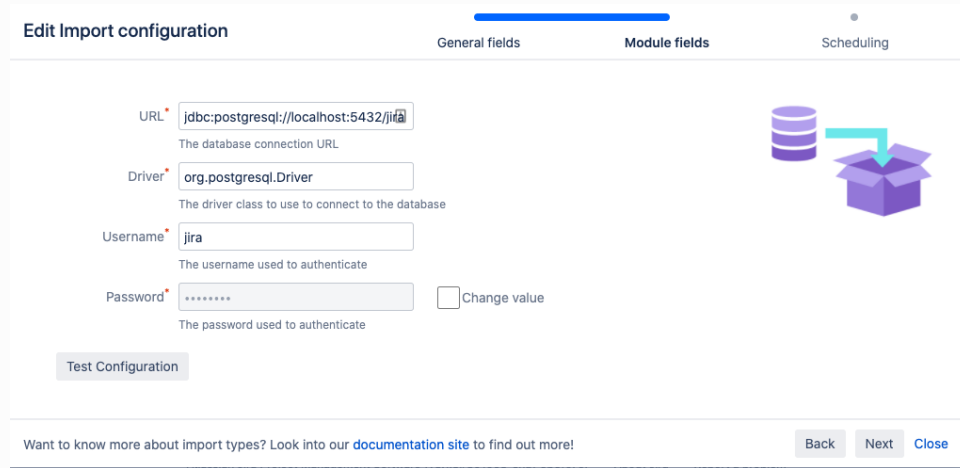
Want to know more about import types? Look into our [documentation site](#) to find out more!

Setting	Description
URL	The database connection URL
Driver	The driver class to use to connect to the database. Place the JDBC driver (*.jar) to the <Jira_INSTALL>/lib folder Don't forget to restart Jira after adding the driver to lib folder.
Username	The username used to authenticate

Password The password used to authenticate


 You can enter the password for your database.

If you then come to edit your database import later, the password field will be disabled. If you want to edit the password, you have to check the **Change value** checkbox provided adjacent to the **Password** field as shown in the screenshot below.



Edit Import configuration

General fields **Module fields** Scheduling

URL* 
The database connection URL

Driver*
The driver class to use to connect to the database

Username*
The username used to authenticate

Password* Change value
The password used to authenticate

Want to know more about import types? Look into our [documentation site](#) to find out more!

To save your edited password, make sure you keep the **Change value** checkbox checked until you click on the **Next** button. If you uncheck it accidentally, the password field is disabled again with its original value retained and the newly entered password will not be saved.

 If you want to query the Jira database, you can look into the **dbconfig.xml** found in **Jira_HOME** directory, to find out the correct configuration.


Object Type Mapping configuration

Name	Description
------	-------------

Selector The selector for the Database import is a SQL query. How to build SQL queries depends on the database type.

How to build up the selector (the SQL statement) depends on how you have configured the database connection. Below you will see some examples that will hopefully guide you in the right direction when setting this up.

Database Type	Example
Microsoft SQL Server	select * from <database.name>.<schema-name>.Application <schema-name> is "dbo" as default so an example could be: <pre>select * from dbname.dbo.Application</pre>
Oracle	select * from <schema-name>.Application If <schema-name> is "Jiraschema" the query will be: <pre>select * from Jiraschema.Application</pre>
PostgreSQL	<pre>select * from "Application"</pre>
MySQL	<pre>select * from Application</pre>

 If you want to query the Jira database, you can look into the **dbconfig.xml** found in **Jira_HOME** directory, to find out the correct configuration, such as **schema name** etc.

Predefined Structure & Configuration

There are no predefined structure and configuration implemented for the Database type

Supported database types

We are using a common framework (jdbc) to connect to the database so we support many database types such as:

Database Type	Driver
Microsoft SQL Server	before Jira 7.5 net.sourceforge.jtds.jdbc.Driver after Jira 7.5 com.microsoft.sqlserver.jdbc.SQLServerDriver
Oracle	oracle.jdbc.OracleDriver
PostgreSQL	org.postgresql.Driver
MySQL	com.mysql.jdbc.Driver

URL Examples

If you want to connect to the Jira database, you can look into the dbconfig.xml in Jira_HOME to find the correct configuration and URL

Here are some examples of URL configurations for different database types:

Database Type	URL
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Microsoft SQL Server	before Jira 7.5 jdbc:jtds:sqlserver://localhost:41972/Jiradb after Jira 7.5 jdbc:sqlserver://localhost:1433;databaseName=Jiradb
Oracle	jdbc:oracle:thin:@//localhost:1521/ORCL
PostgreSQL	jdbc:postgresql://localhost:5433/Jiradb
MySQL	jdbc:mysql://localhost:3306/Jiradb?useUnicode=true&characterEncoding=UTF8&sessionVariables=storage_engine=InnoDB

Another connection example:

Connection URL with domain for AD authentication:

URL: jdbc:jtds:sqlserver://10.10.1.1:1433/DB;domain=example.com

Driver: net.sourceforge.jtds.jdbc.Driver