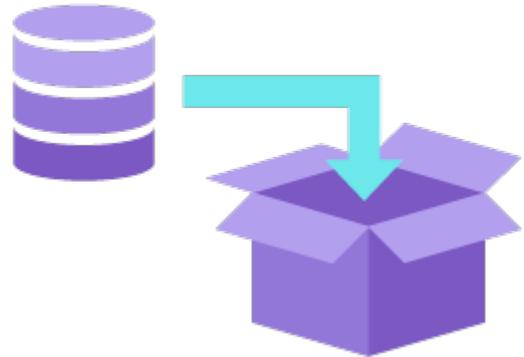# Database Import

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

Test Configuration

Want to know more about import types? Look into our documentation site to find out more!   Back   Next   Close

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 username used to authenticate

ⓘ   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: `select * from dbname.dbo.Application`
Oracle	select * from <schema-name>.Application If <schema-name> is "Jiraschema" the query will be: `select * from Jiraschema.Application`
PostgreSQL	`select * from "Application"`
MySQL	`select * from Application`

ⓘ 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

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