

ServiceNow Application Developer

Importing Data > Data Sources

Data sources define what data should be imported. Only admin users can create data sources. In this module, the data source is a Microsoft Excel spreadsheet. Other possible data sources are:

- CSV
- JDBC
- FTP
- HTTP
- XML

Create Data Sources for a scoped application in Studio. To see example Data Source configurations, use the Application Navigator in the main ServiceNow browser window to open **System Import Sets > Administration > Data Sources**. The example JDBC data source for integrating to a MySQL database looks like this:

The screenshot shows the 'Data Source' configuration form in ServiceNow Studio. The title bar indicates the source is 'Example JDBC MySQL Glide.sys_user'. The form is divided into two columns of fields. The left column includes fields for 'Name' (Example JDBC MySQL Glide.sys_user), 'Import set table label', 'Import set table name' (marked with a red asterisk), 'Type' (JDBC), 'Use MID Server' (with a search icon), 'Format' (MySQL), 'Database name' (glide), and 'Database port'. The right column includes fields for 'Application' (Global), 'Username' (root), 'Password' (masked with dots), 'Server' (localhost), 'Query' (All Rows from Table), 'Query timeout', 'Connection timeout', 'Table name' (sys_user, marked with an asterisk), and a 'Use last run datetime' checkbox.

Field	Value
Name	Example JDBC MySQL Glide.sys_user
Import set table label	
Import set table name	
Type	JDBC
Use MID Server	
Format	MySQL
Database name	glide
Database port	
Application	Global
Username	root
Password	*****
Server	localhost
Query	All Rows from Table
Query timeout	
Connection timeout	
Table name	sys_user
Use last run datetime	<input type="checkbox"/>

Data Source configuration fields vary depending on data source type. To connect to the MySQL database with JDBC requires the *Database name*, *Username*, *Password*, *Server*, *Database port*, *Query*, and *Table name*. If the *Query* field value is a SQL statement, a SQL field is displayed and a valid SQL statement must be provided.