

Teradata Aster JDBC Data Source

Overview

A JDBC driver is a software component enabling a Java application to interact with a database. To connect with individual databases, JDBC (the Java Database Connectivity API) requires drivers for each database. The JDBC driver gives out the connection to the database and implements the protocol for transferring the query and result between client and database.

iDashboards implements native protocols and do not require additional software installed on the driver host. In other words, iDashboards provides driver connectivity with JDBC Data Source via the specified driver. This document explains a step-by-step procedure to create the Data Source.

Data Source Connectivity

Follow the steps below to set up a data source in the iDashboards Admin application for connectivity to the database.

1. Download the driver from <https://downloads.teradata.com/download/connectivity/jdbc-driver>
2. Copy the driver, which is implemented as a .jar file, to <iDashboards Installation Folder>\livizgroup\drivers Directory.
3. Restart iDashboards service.
5. Login to iDashboards Admin application, and click the 'Data Source' tab.
6. You can verify if the driver file is deployed properly by viewing the 'Data Sources' screen in the admin application. (See highlighted area in Figure 1)

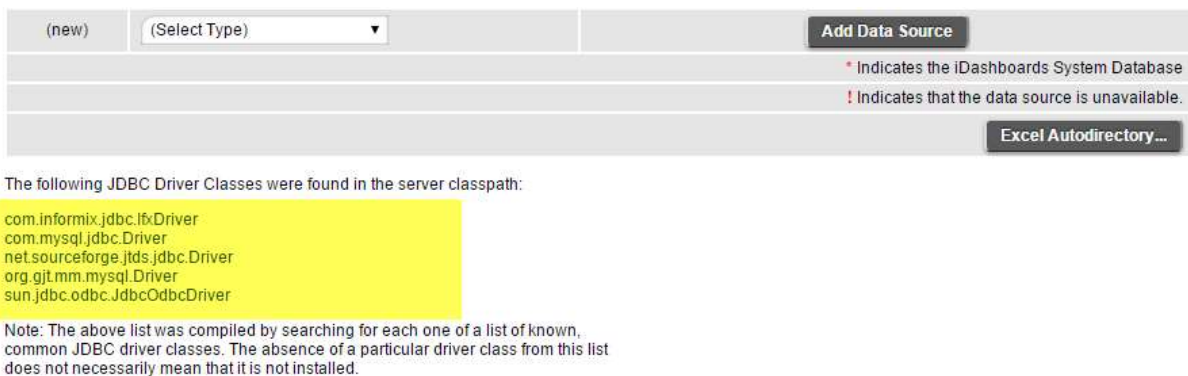


Figure 1

7. In the Data Sources Section, set the '(new)' data source type to 'Generic JDBC' (See Figure 2), and click on the 'Add Data Source' button.

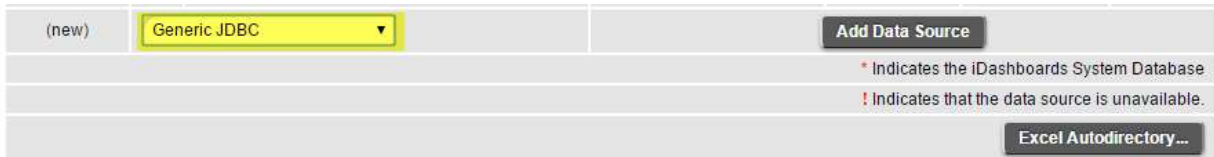


Figure 2

8. Under the 'Add Data Source' window, enter the necessary information to connect to the database (See Figure 3).

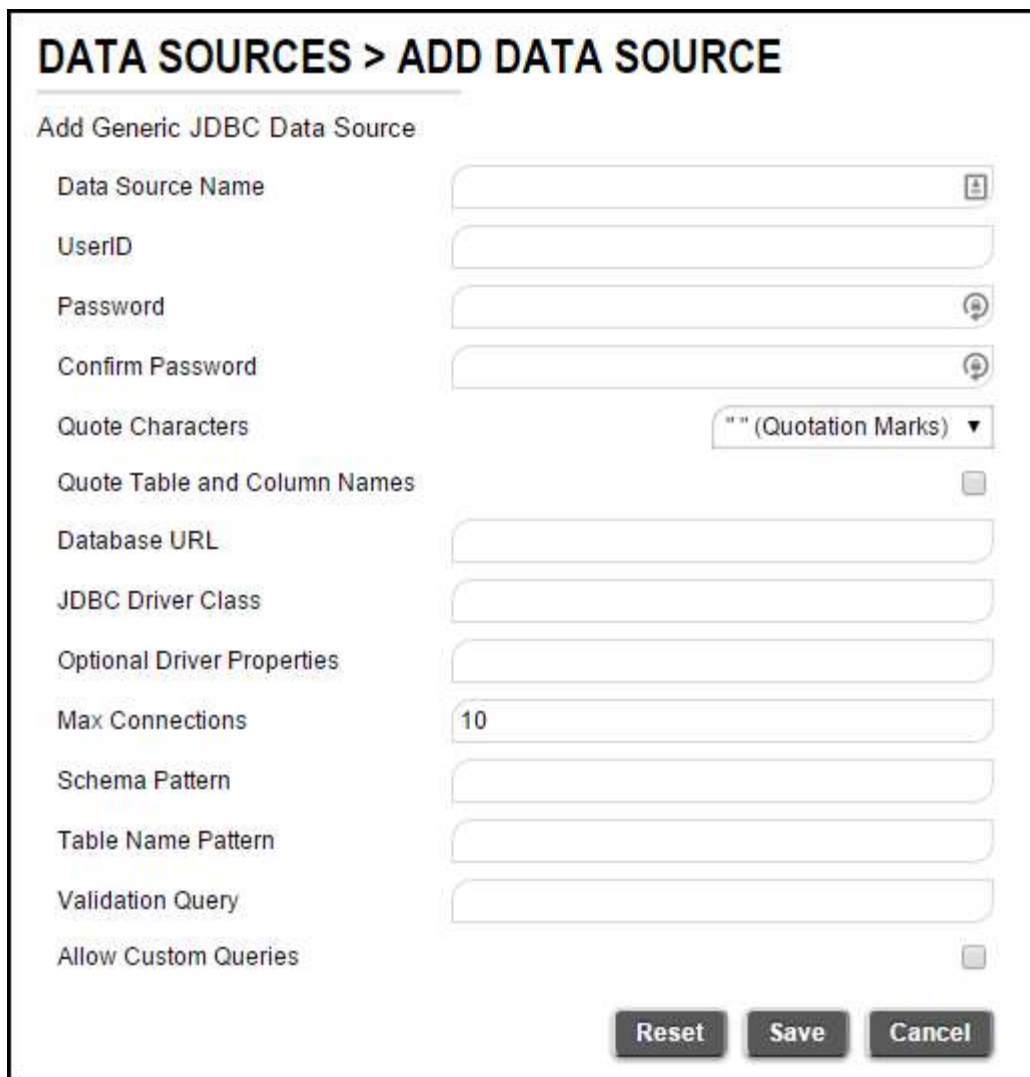
A screenshot of a 'DATA SOURCES > ADD DATA SOURCE' window. The title bar reads 'DATA SOURCES > ADD DATA SOURCE'. Below the title, it says 'Add Generic JDBC Data Source'. The form contains several input fields: 'Data Source Name' (with a help icon), 'UserID', 'Password' (with a strength indicator), 'Confirm Password' (with a strength indicator), 'Quote Characters' (a dropdown menu set to '"" (Quotation Marks)'), 'Quote Table and Column Names' (a checkbox), 'Database URL', 'JDBC Driver Class', 'Optional Driver Properties', 'Max Connections' (with the value '10'), 'Schema Pattern', 'Table Name Pattern', 'Validation Query', and 'Allow Custom Queries' (a checkbox). At the bottom of the form are three buttons: 'Reset', 'Save', and 'Cancel'.

Figure 3

db.url: jdbc:teradata://hostname/DATABASE=database

db.driverClass: com.teradata.jdbc.TeraDriver

Applies To:

- iDashboards Enterprise Suite