

Execute SQL Query Function

Overview

Runs a SQL statement. This function runs on the server.

Execute SQL Query

Parameters

- **SQL Statement:** The SQL statement to run.
- **ODBC Connection:** Leave this blank to use the ConnectWise Automate® database. Alternatively, to query an external database, enter a valid ODBC Connection string. Please refer to third party documentation provided by the database vendor more information on external database connections.

Examples

Example #1: Creates a temporary table in the database.

Parameters

- **SQL Statement:** CREATE TEMPORARY TABLE localcomputers SELECT computerid, NAME, domain FROM computers WHERE locationid = %locationid%;
- **ODBC Connection:**

Using the Function Example in a New or Existing Script: **Example 1**

1. From a new or existing script, right-click a line in the **Then** or **Else** section, select **Add** to open the **Edit Script Step** window.
2. Select **ExecuteSQL Query** from the Function drop-down.
3. Enter **CREATE TEMPORARY TABLE localcomputers SELECT computerid, NAME, domain FROM computers WHERE locationid = %locationid%;** into the **SQL Statement** field.
4. Leave the **ODBC Connection** field blank.
5. Click **Save Step** to save this step and close the window.



Example #2: Creates a temporary table in an external database, username and password is included in ODBC.

Parameters

- **SQL Statement:** CREATE TEMPORARY TABLE temptable SELECT id, name, address FROM table1;
- **ODBC Connection:** DSN=myDSN;UID=myUsername;Pwd=myPassword;

Using the Function Example in a New or Existing Script: **Example 2**

1. From a new or existing script, right-click a line in the **Then** or **Else** section, select **Add** to open the **Edit Script Step** window.
2. Select **ExecuteSQL Query** from the Function drop-down.
3. Enter **CREATE TEMPORARY TABLE temptable SELECT id, name, address FROM table1;** into the **SQL Statement** field.
4. Enter **DSN=myDSN;UID=myUsername;Pwd=myPassword;** into the **ODBC Connection** field. (Replace with valid external DB. Example is given to illustrate syntax).
5. Click **Save Step** to save this step and close the window.



Example #3: Creates a temporary table in an external database, username and password is not included in ODBC.

Parameters

- **SQL Statement:** CREATE TEMPORARY TABLE localcomputers SELECT computerid, NAME, domain FROM computers WHERE locationid = %locationid%;
- **ODBC Connection:** DSN=myDSN;

Using the Function Example in a New or Existing Script: **Example 3**

1. From a new or existing script, right-click a line in the **Then** or **Else** section, select **Add** to open the **Edit Script Step** window.
2. Select **ExecuteSQL Query** from the Function drop-down.
3. Enter **CREATE TEMPORARY TABLE temptable SELECT id, name, address FROM table1;** into the **SQL Statement** field.
4. Enter **DSN=myDSN;** into the **ODBC Connection** field. (Replace with valid external DB. Example is given to illustrate syntax).
5. Click **Save Step** to save this step and close the window.

