

Overview

This article describes the ConnectWise Automate® Script for Each SQL script function. The Script for Each SQL function performs a SQL query and runs a script for each row returned. The values from the returned columns are assigned to internal variables with 'sql' prepended to the column name. For example, the value in the 'Query' column is assigned to the variable '%sqlQuery%'. This function's run location is dependent on the script chosen (agent or server).



Script for Each SQL

Parameters

- **SQL:** The SQL query to execute
- **Script to Run:** Select the script to run from the drop-down. The list of scripts is populated from the database.
- **ODBC Connection:** Leave blank to use the Automate database

Examples

Example #1: Returns the computer ID, computer name and operating system of the computers at a given location, retrieved from the Automate database

Parameters:

- **SQL:** SELECT `ComputerID`, `Name`, `OS` '1' AS Query FROM `LabTech`.`computers` WHERE `ClientID` = '%clientid%' AND `LocationID` = '%locationid%';
- **Script to Run:** LTSG Report Computers and Operating Systems
- **ODBC Connection:**

Using the Function Example in a New or Existing Script

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 **Script for Each SQL** from the **Function** drop-down.
3. Enter **SELECT `ComputerID`, `Name`, `OS` '1' AS Query FROM `LabTech`.`computers` WHERE `ClientID` = '%clientid%' AND `LocationID` = '%locationid%';** into the **SQL** field.
4. Select **LTSG Report Computers and Operating Systems** from the **Script to Run** drop-down.
5. Leave the **ODBC Connection** field blank.
6. Click **Save Step** to save this step and close the window.