

Fetch SQL DataSet Row Function

Overview

Gets the row of the DataSet (starting at row 1) and stores the value of each column in a variable referenced by SQL and the column name (e.g., if the column name is ColumnName, the declared variable is @myColumnName). This function runs on the server.

Fetch SQL DataSet Row

Parameters

- **SQL DataSet:** The SQL statement to run.
- **Row to Fetch:** Enter the row of the dataset to use.

Examples

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

Get SQL DataSet Function

Parameters

- **SQL Statement:** SELECT ComputerID, Name, OS 'Y AS Query FROM LabTech Computers WHERE ClientID = %clientid% AND LocationID = %locationid%;
- **ODBC Connection:**

Script Log Message Function

Parameters

- **Message:** Number of rows retrieved from database: %sqldatasetrowcount%.

Variable Set Function

Parameters

- **Set Type:** Constant
- **Parameter:** 1
- **Variable Name:** cnt

Variable Check function

Parameters

- **Variable Name:** @cnt
- **Parameter:** 1

- **Test:** %sqldatasetrowcount%
- **Steps to Skip:** EndComputerList

Fetch SQL DataSet Row Function

Parameters

- **SQL DataSet:** sqldataset
- **Row to Fetch:** @cnt

Script Data Function

Parameters

- **Steps to Skip:** ComputerList

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 **Get SQL DataSet** from the Function drop-down.
3. Enter **SELECT ComputerID, Name, OS 'Y AS Query FROM LabTech Computers WHERE ClientID = %clientid% AND 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.
6. Right-click the next line, select **Add** to open the **Edit Script Step** window.
7. Select **Script Log Message** from the Function drop-down.
8. Enter **Number of rows retrieved from database: %sqldatasetrowcount%** into the **message** field.
9. Click **Save Step** to save this step and close the window.
10. Right-click the next line, select **Add** to open the **Edit Script Step** window.
11. Select **Variable Set** from the Function drop-down.
12. Enter **Constant** into the **Set Type** field.
13. Enter **1** into the **Parameter** field.
14. Enter **cnt** into the **Variable Name** field.
15. Click **Save Step** to save this step and close the window.
16. Right-click the next line, select **Add** to open the **Edit Script Step** window.
17. Select **Variable Check** from the Function drop-down.
18. Enter **@cnt** into the **Variable Name** field.
19. Enter **>** into the **Parameter** field.
20. Enter **%sqldatasetrowcount%** into the **To** field.
21. Enter **EndComputerList** into the **Steps to Skip** field.
22. Click **Save Step** to save this step and close the window.
23. Right-click the next line, select **Add** to open the **Edit Script Step** window.
24. Select **SQL DataSet Row** from the Function drop-down.
25. Enter **sqldataset** into the **SQL DataSet** field.
26. Enter **Row to Fetch** into the **@cnt** field.
27. Click **Save Step** to save this step and close the window.
28. Right-click the next line, select **Add** to open the **Edit Script Step** window.
29. Select **Script Data** from the Function drop-down.
30. Enter **ComputerList** into the **Steps to Skip** field.

31. Click **Save Step** to save this step and close the window.

