

RowCount and ColumnCount are functions that are used to count the total number of rows and columns containing data (including headers) in a given table.

Benefits

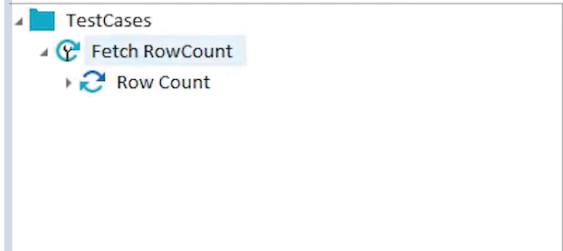
- To steer through a whole table and to know the exact number of rows and columns
- To know the numbers of rows or columns affected after performing a query
- To select a row with a specific attribute value
- To differentiate between different entities having similar attributes
- To save the RowCount in the buffer and use it as an error handling measure
- To save the cell value of row(s) in the buffer

How to use the RowCount function?

With the help of an example, let's look at the steps followed after you have scanned and created a Module of the table mentioned below:

Firstname	Lastname	Email	Action
John	Doe	john@example.com	<button>REMOVE</button> <button>EDIT</button>
Jane	Doe	jane@example.com	<button>REMOVE</button> <button>EDIT</button>
July	Dooley	july@example.com	<button>REMOVE</button> <button>EDIT</button>
John	Little	john@example.com	<button>REMOVE</button> <button>EDIT</button>

- **Step 1:** Drag and drop the Module into TestCase
- **Step 2:** Inside the TestCase table in the value column, select dropdown and type as **RowCount == RowNum** (RowNum will be the buffer name)

	Details	Test configuration	Control Flow Diagram	
 <ul style="list-style-type: none">TestCases<ul style="list-style-type: none">Fetch RowCount<ul style="list-style-type: none">Row Count	Name	Value	ActionMode	DataType
	Fetch RowCount			
	Row Count			
	Persons table	RowCount == RowNum	Select	String
	<Row>			String
	<Col>			String

- **Step 3:** Change the ActionMode to "Buffer"

Details				
Test configuration		Control Flow Diagram		
Name	Value	ActionMode	DataType	
Fetch RowCount				
Row Count				
Persons table	RowCount → RowNum	Buffer	String	
<Row>			String	
<Col>			String	

- **Step 4:** Run the TestCase in the ScratchBook

Details				
Test configuration		Control Flow Diagram		
Name	Value	ActionMode	Loginfo	StartTime
ScratchBook				18.09.18 11:5...
Row Count				1.609
Persons table			Buffer with name: "RowNum"...	18.09.18 11:5...
			Buffer with name: "RowNum" has been set to value: "5"	0.221

- The RowNum has been set to 5 as it also includes the header row

Note

- Follow the same steps for ColumnCount.
- For more detailed information and examples on Table steering, visit the Support manual [here](#).