

QTP - DATA TABLE OBJECT METHODS

http://www.tutorialspoint.com/qtp/qtp_data_table_methods.htm

Copyright © tutorialspoint.com

Data Table Object Methods:

Method Name	Description	Syntax
AddSheet	Adds the specified sheet to the run-time data table	DataTable.AddSheet <i>SheetName</i>
DeleteSheet	Deletes the specified sheet from the run-time data table	DataTable.DeleteSheet SheetID
Export	Exports the Datable to a new file in the specified location	DataTable.Export <i>FileName</i>
ExportSheet	Exports a Specific Sheet of the Datable in run-time	DataTable.ExportSheet <i>FileName, SheetName</i>
GetCurrentRow	Returns the active row of the run-time data table of global sheet	DataTable.GetCurrentRow
GetParameterCount	Returns the number of columns in the run-time data Table of Global Sheet	DataTable.GetParameterCount
GetRowCount	Returns the number of rows in the run-time data table of Global Sheet	DataTable.GetRowCount
GetSheet	Returns the specified sheet from the run-time data table.	DataTable.GetSheet <i>SheetID</i>
GetSheetCount	Returns the total number of sheets in the run-time data table.	DataTable.GetSheetCount
Import	Imports a specific external Excel file to the run-time data table.	DataTable.Import <i>FileName</i>
ImportSheet	Imports the specified sheet of the specific excel file to the destination sheet.	DataTable.ImportSheet <i>FileName, SheetSource, SheetDest</i>
SetCurrentRow	Sets the Focus of the Current row to the Specified Row Number	DataTable.SetCurrentRow <i>RowNumber</i>
SetNextRow	Sets the focus of the next row in the run-time data table	DataTable.SetNextRow
SetPreviousRow	Sets the focus of the previous row in the run-time data Table	DataTable.SetPrevRow

Data Table Object Properties:

Property Name	Description	Syntax
GlobalSheet	Returns the first sheet of the run-time data table.	DataTable.GlobalSheet
LocalSheet	Returns the Active local sheet of the run-time data table.	DataTable.LocalSheet

RawValue	Retrieves the raw value of the cell	DataTable.RawValue ParameterID, [SheetID]
Value	Retrieves the value of the cell in the specified parameter.	DataTable.Value ParameterID, [SheetID]

Example:

Consider the below Data Table:

Data			
	A3	1322	
	Principal	Rate	Time
1	232	3.26	4
2	2556	7%	5
3	1322	6.50%	6
4	32.21	3.32%	4.4
5			

Global
Action1
Calculate

```

'Accessing Datatable to get Row Count and Column Count
rowcount = DataTable.GetSheet("Global").GetRowCount
msgbox rowcount      ' Displays 4

colcount = DataTable.GetSheet("Global").GetParameterCount
msgbox colcount      ' Displays 3

DataTable.SetCurrentRow(2)
val_rate = DataTable.Value("Rate","Global")
print val_rate      ' Displays 7%

val_ppl = DataTable.Value("Principal","Global")
print val_ppl      ' Displays 2556

val_Time = DataTable.Value("Time","Global")
print val Time      ' Disnlavs 5

```