



# Open Source Test Automation Framework Keywords - SAP framework for QTP

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### 1 .Keyword for launching the application

### 1 .Launch Application

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
LaunchApp	<URL Name>		

Description: This keyword is used to launch the application using the specified URL

Example: Launch the flight application

LaunchApp|C:\Program Files\HP\QuickTest Professional\samples\flight\app\flight4a.exe

### 2 .Launch Application

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
LaunchApp			

Description: This keyword is used to launch the application using the URL specified in the environmental variable "LaunchApp".

Example: Launch the specified URL

LaunchApp

## 2 .Keyword for calling a action

### 1 .Call Action

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
CallAction	<Action Name>	<parameter1:parameter2:.. Parameter5>	

Description: This keyword is used to Call an external action. The action can have one or more parameters.

Example: Calls the action "action\_add" x,y are parameters

callaction|action\_add|x:y

### 3 .Keyword for calling a function

#### 1 .Call Function

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
CallFunction	<Function name>	<x:y:...z>	

Description: This keyword is used to Call an external user defined function. The function can have one or more arguments.

Example: Calls the user defined function 'abcd' with input arguments 'str1' and 'str2'

```
callfunction|abcd|str1:str2
```

### 4 .Keyword for Setting Context

#### 1 .Set context to a Window

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Context	Window;<windowname>		

Description: This keyword sets the focus to the specified SAPGuiWindow

Example: To set the focus on the window pqr

```
context|Window;abc
```

#### 2 .Set context to a Dialog

Object Type: Dialog

Keyword

Syntax:

Action	Object	Action value1	Action value2
Context	Dialog;<name>		

Description: This keyword sets the focus to the specified Dialog.

Example: To set the focus on the dialog pqr

```
context|Dialog;pqr
```

#### 3 .Set context to a session

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Context	Session;<sessionname>	Window;<windowname>	

Description: This keyword sets the focus to the window present in specified SAPGuiSession

Example: To set the focus on the window 'pqr' present in session 'abc'  
context|Session;abc|Window;pqr

#### 4 .Set context to a page inside browser

Object Type: Browser

Keyword

Syntax:

Action	Object	Action value1	Action value2
Context	Browser;<name>	Page;<pagename>	

Description: This keyword sets the focus to the webpage present in specified browser

Example: To set the focus on the page 'pqr' present in browser 'abc'  
context|Browser;abc|page;pqr

### 5 .Keywords for Performing an Action

#### 1 .Activate

Object Type: Dialog

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Dialog;<name>	activate	

Description: This keyword is used to activate a dialog

Example: To activate the dialog abc  
perform|Dialog;abc|activate

#### 2 .Close

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Window;<windowname>	Close	

Description: This keyword is used to Close the specified SAPGuiWindow

Example: Closes the xyz Window  
perform|Window;xyz|Close

### 3 .Maximize

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Window;<windowname>	Maximize	

Description: This keyword is used to Maximize the specified SAPGuiWindow

Example: Maximizes the xyz Window  
perform | Window;xyz | Maximize

### 4 .Minimize

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Window;<windowname>	Minimize	

Description: This keyword is used to Minimize the specified SAPGuiWindow

Example: Minimizes the xyz Window  
perform | Window;xyz | Minimize

### 5 .Activate

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Window;<windowname>	activate	

Description: This keyword is used to activate a SAPGuiWindow

Example: To activate the SAPGuiWindow abc  
perform | Window;abc | activate

### 6 .Click

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Button;<buttonname>	Click	

Description: This keyword is used to click on the specified SAPGuiButton object

Example: Click on the 'OK' button  
perform | button;Ok | click

### 7 .Click

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Button;<buttonname>	Click	

Description: This keyword is used to click on the specified SAPButton object

Example: Click on the 'OK' button  
perform | button;Ok| click

### 8 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	RadioButton;<RadioButtonName>	Set	

Description: This keyword is used to set the specified SAPGuiRadioButton object

Example: Select the radiobutton abc  
perform | radiobutton;abc|set

### 9 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	RadioButton;<RadioButtonName>	Select:<value>	

Description: This keyword is used to set the specified SAPRadioGroup object

Example: Selects the radiobutton with value v1 from radiogroup abc  
perform | radiobutton;abc|select:v1

### 10 .SelectIndex

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	RadioButton;<RadioButtonName>	Selectindex:#<value>	

Description: This keyword is used to set the specified SAPRadioGroup object

Example: Selects the radiobutton with specified index from radiogroup abc

perform | radiobutton;abc | selectindex:1

### 11 .Check

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	CheckBox;<CheckBoxName>	Check	

Description: This keyword is used to select the specified SAPCheckBox object

Example: Select the checkbox abc  
perform | checkbox;abc | check

### 12 .Uncheck

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	CheckBox;<CheckBoxName>	Uncheck	

Description: This keyword is used to uncheck the specified SAPCheckBox object

Example: Deselect the checkbox abc  
perform | checkbox;abc | uncheck

### 13 .Check

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	CheckBox;<CheckBoxName>	Check	

Description: This keyword is used to select the specified SAPGuiCheckBox object

Example: Select the checkbox abc  
perform | checkbox;abc | check

#### 14 .Uncheck

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	CheckBox;<CheckBoxName>	Uncheck	

Description: This keyword is used to uncheck the specified SAPGuiCheckBox object

Example: Deselect the checkbox abc  
perform | checkbox;abc | uncheck

#### 15 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Listbox;<listboxname>	Select:<item>	

Description: This keyword is used to select the specified item from SAPList object

Example: Selects the item xyz from listbox 'abc'  
perform | Listbox;abc | select:xyz

#### 16 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Listbox;<listboxname>	Deselect:<item>	

Description: This keyword is used to deselect the specified item from SAPListobject

Example: Deselects the item xyz from listbox 'abc'  
perform | Listbox;abc | deselect:xyz



**17 .Select**

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	ListBox;<listboxname>	extendselect:<item>	

Description: This keyword is used to select an additional item from SAPList object

Example: selects the additional item sdf from listbox 'abc'  
perform | ListBox;abc | extendselect:sdf**18 .Select**

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	ComboBox;<ComboBoxname>	Select:<item>	

Description: This keyword is used to select the specified item from SAPGuiComboBox object

Example: Selects item abc from combobox xyz  
perform | combobox;xyz | select:abc**19 .Select**

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	ComboBox;<ComboBoxname>	SelectIndex:<index>	

Description: This keyword is used to select a item by specifying index in the SAPGuiComboBox object

Example: Selects item abc from combobox xyz which has an index 2  
perform | combobox;xyz | selectindex:2

## 20 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<textboxname>	Set:<text>	

Description: This keyword is used to set the specified value in the SAPGuiEdit object

Example: Sets a value abc in textbox xyz  
perform | textbox;xyz | set:abc

## 21 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<textboxname>	Set:<text>	

Description: This keyword is used to set the specified value in the SAPEdit object

Example: Sets a value abc in textbox xyz  
perform | textbox;xyz | set:abc

## 22 .Type

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	element;<elementname>	Type:<value>	

Description: This keyword is used to type the specified string in the SAPGUIElement

Example: Types a value abc in element xyz  
perform | element;xyz | type:abc

### 23 .Click

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<textboxname>	Click	

Description: This keyword is used to Click on the specified SAPGuiEdit object

Example: Clicks on the specified textbox abc  
perform | Textbox;abc | Click

### 24 .Click

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<textboxname>	Click	

Description: This keyword is used to Click on the specified SAPEdit object

Example: Clicks on the specified textbox abc  
perform | Textbox;abc | Click

### 25 .Type

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Editor;<editorname>	Set:<value>	

Description: This keyword is used to type the specified value in the mentioned SAPGuiTextArea object

Example: sets a value abc in editor notepad  
perform | editor;notepad | set:abc

### 26 .Close

Object Type: Dialog

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Dialog;<name>	Close	

Description: This keyword is used to close the Dialog

Example: Close the xyz Dialog box  
perform | Dialog;xyz | Close

### 27 .Restore

Object Type: Dialog  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	Dialog;<name>	Restore	

Description: This keyword is used to restore the Dialog to its previous size

Example: Restore the xyz Dialog box  
perform | Dialog;xyz | Restore

### 28 .Wait

Object Type: General  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Wait	<time to wait>		

Description: This keyword is used for Static wait in the script.

Example: Wait for 3 seconds  
wait | 3

### 29 .Click

Object Type: SAP GUI Object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	element;<elementname>	Click	

Description: This keyword is used to click on the specified SAPGUIElement

Example: Click on the specified SAPGUIElement 'Tbar'  
perform | element;Tbar | click

### 30 .Expand

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	Expand:<name>	

Description: This keyword is used to expand the node of the specified SAPGuiTree

Example: Expands the tree item 'Desktop;My Documents' of TreeView 'trev'  
Perform | TreeView;trev | Expand:Desktop;My Documents

### 31 .Expand

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	selectcolumn:<name>	

Description: This keyword is used to click a column in an SAP column tree or list tree

Example: clicks on column 'abc' present in tree 'trev'  
Perform | TreeView;trev | selectcolumn:abc

### 32 .Collapse

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	Collapse:<name>	

Description: This keyword is used to hide the sub-nodes of the specified node in the expanded tree-view control SAPGuiTree

Example: Collapses all the tree items present under tree item 'Desktop;Test' in TreeView 'trev'  
  
Perform | TreeView;trev | Collapse:Desktop;My Computer

### 33 .Select

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	Select:<name>	

Description: This keyword is used to select the specified node from the tree item control SAPGuiTree

Example:     Selects the item TEST from treeview 'trev'  
              Perform |treeView;trev|Select:TEST

### 34 .Select

Object Type:   SAP GUI Object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	activate:<tree item>	

Description:   This keyword is used to activate the item from the specified SAPGuiTree

Example:     Activates the item 'help' from treeview 'Slist'  
              Perform |TreeView;slist|activate:help

### 35 .Expand

Object Type:   SAP Web based object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	Expand:<name>	

Description:   This keyword is used to expand the node of the specified SAPTreeView

Example:     Expands the tree item 'Desktop;My Documents' of TreeView 'trev'  
              Perform |TreeView;trev|Expand:Desktop;My Documents

### 36 .Expand

Object Type:   SAP Web based object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	selectcolumn:<name>	

Description:   This keyword is used to click a column in an SAP column tree or list tree

Example:     clicks on column 'abc' present in tree 'trev'  
              Perform |TreeView;trev|selectcolumn:abc

### 37 .Collapse

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	Collapse:<name>	

Description: This keyword is used to hide the sub-nodes of the specified node in the expanded tree-view control SAPTreeView

Example: Collapses all the tree items present under tree item 'Desktop;Test' in TreeView 'trev'

Perform | TreeView;trev | Collapse:Desktop;My Computer

### 38 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	TreeView;<name>	Select:<name>	

Description: This keyword is used to select the specified node from the tree item control SAPTreeView

Example: Selects the item TEST from treeview 'trev'

Perform | treeView;trev | Select:TEST

### 39 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	SetDate:Now	

Description: This keyword is used to set the current date in the specified SAPCalendar object.

Example: Sets the current date in Calendar 'calen'

Perform | Calendar;calen | SetDate:Now

#### 40 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	SetDate:Date	

Description: This keyword is used to set the current date in the specified SAPCalendarobject.

Example: Sets the current date in Calendar 'calen'  
Perform | Calendar;calen | SetDate:Date

#### 41 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	SetDate:<Date>	

Description: This keyword is used to set the specified date in the SAPCalendar object.

Example: Sets the date 12/12/08 in Calendar 'calen'  
Perform | Calendar;calen | SetDate:12/12/08

#### 42 .Click

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	Click	

Description: This keyword is used to click on the specified SAPCalendar object

Example: Click on the calendar 'calen'  
Perform | Calendar;calen | Click

#### 43 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	SetDate:Now	

Description: This keyword is used to set the current date in the specified SAPGuiCalendar object.



Example: Sets the current date in Calendar 'calen'  
Perform | Calendar;calen | SetDate:Now

#### 44 .Set

Object Type: SAP GUI Object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	SetDate:Date	

Description: This keyword is used to set the current date in the specified SAPGuiCalendar object.

Example: Sets the current date in Calendar 'calen'  
Perform | Calendar;calen | SetDate:Date

#### 45 .Set

Object Type: SAP GUI Object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	SetDate:<Date>	

Description: This keyword is used to set the specified date in the SAPGuiCalendar object.

Example: Sets the date 12/12/08 in Calendar 'calen'  
Perform | Calendar;calen | SetDate:12/12/08

#### 46 .Click

Object Type: SAP GUI Object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	Calendar;<name>	Click	

Description: This keyword is used to click on the specified SAPGuiCalendar object

Example: Click on the calendar 'calen'  
Perform | Calendar;calen | Click

#### 47 .Set

Object Type: SAP GUI Object  
Keyword  
Syntax:

Action	Object	Action value1	Action value2
Perform	codebox;<name>	Set:<value>	

Description: This keyword is used to set the specified string in the SAPGuiOKCode

Example: Types the value 'abccc' in the SAPGuiOKCode 'MS'  
context|Window;Microsoft Word  
perform|codebox;MS|set:abccc

#### 48 .Click

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	codebox;<name>	Click	

Description: This keyword is used to click on the specified SAPGuiOKCode

Example: Clicks on the object 'MS'  
context|Window;Microsoft Word  
perform|codebox;MS|Click

#### 49 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	codebox;<name>	Set:<value>	

Description: This keyword is used to set the specified string in the SAPGuiOKCode

Example: Types the value 'abccc' in the SAPOKCode 'MS'  
context|Window;Microsoft Word  
perform|codebox;MS|set:abccc

#### 50 .SQL Value Capture

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	SQLValueCapture;<query>	<Variable name>	

Description: This keyword captures the data from the database object by executing the specified query and store it in the mentioned variable <Variable name>.

Example: Capture the database value present in employee\_name column of employee table and store it in variable "ename"  
perform|SQLValueCapture;select Employee\_name from employee|ename

### 51 .SQL Value Capture

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	SQLMultipleCapture;<query >	OutputCheckPointName	

Description: This keyword executes the specified SQL query, captures multiple values from the database object and stores them in the specified variable.

Example: Captures the values present in fields employee\_name,emp\_id,emp\_no from employee table

perform |SQLMultipleCapture;select Employee\_name,emp\_id,emp\_no from employee|VAR

### 52 .SQL Execute

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	SQLExecute;<query>	Commit:<Yes/No>	

Description: This keyword executes the specified SQL query in the database.

Example: Delete the entry in database table "employee" where employee\_name is xyz

perform |SQLExecute;Delete from employee where employee\_name='xyz'| Commit:yes

### 53 .SQL Checkpoint

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	SQLCheckPoint;<query>	<Checkpoint name>	

Description: This keyword executes the specified SQL query and checks if the required data is present in the database or not.

Example: Check for the Employee\_name displayed in the Employee table for emp\_id='1'

---

perform|SQLCheckpoint;select Employee\_name from employee where emp\_id='1'|echeck

#### 54 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_currenttime	

Description: This keyword is used to set the current time in the specified SAPEdit object

Example: Sets the current time in 'Name' textbox  
perform|Textbox;Name|set:d\_currenttime

#### 55 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_currentdate	

Description: This keyword is used to set the current date in the specified SAPEdit object

Example: Sets the current date in 'Name' textbox  
perform|Textbox;Name|set:d\_currentdate

#### 56 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_currentyear	

Description: This keyword is used to set the current date in the specified SAPEdit object

Example: Sets the current date in 'Name' textbox  
perform|Textbox;Name|set:d\_currentyear

**57 .Set**

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Textbox;<name>	set:d_d;<value to be added/subtracted>	

Description: This keyword is used to add or subtract the value specified to the currentdate and type the date in the specified SAPEdit object.

Example: Adds 4 days to the current date and types in textbox 'Name'  
perform | Textbox;Name | set:d\_d;4

**58 .Set**

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_m;<value to be added/subtracted>	

Description: This keyword is used to add or subtract the value specified to the current month and type the date in the specified SAPEdit object.

Example: Subtract one month from the current month and types in the textbox 'Name'  
perform | Textbox;Name | set:d\_m;1

**59 .Set**

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_y;<value to be added/subtracted>	

Description: This keyword is used to add or subtract the value specified to current year and type the date in the specified SAPEdit object.

Example: Add 4 years to the current year and types in textbox 'Name'  
perform | Textbox;Name | set:d\_y;4

### 60 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:dt_<name>	

Description: This keyword is used to add or subtract the value specified to current year and type the date in the specified SAPEdit object.

Example: Add 4 years to the current year and types in textbox 'Name'  
perform | Textbox;Name | set:d\_y;4

### 61 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	setsecure:<value>	

Description: This keyword is used to add or subtract the value specified to current year and type the date in the specified SAPEdit object.

Example: Add 4 years to the current year and types in textbox 'Name'  
perform | Textbox;Name | setsecure:d\_y;4

### 62 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_currentdate	

Description: This keyword is used to set the current date in the specified SAPGuiEdit object

Example: Sets the current date in 'Name' textbox  
perform | Textbox;Name | set:d\_currentdate

### 63 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_currentyear	

Description: This keyword is used to set the current date in the specified SAPGuiEdit object

Example: Sets the current date in 'Name' textbox  
perform | Textbox;Name | set:d\_currentyear

#### 64 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Textbox;<name>	set:d_d;<value to be added/subtracted>	

Description: This keyword is used to add or subtract the value specified to the currentdate and type the date in the specified SAPGuiEdit object

Example: Adds 4 days to the current date and types in textbox 'Name'  
perform | Textbox;Name | set:d\_d;4

#### 65 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_m;<value to be added/subtracted>	

Description: This keyword is used to add or subtract the value specified to the current month and type the date in the specified SAPGuiEdit object.

Example: Subtract one month from the current month and types in the textbox 'Name'

perform | Textbox;Name | set:d\_m;1

#### 66 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:d_y;<value to be added/subtracted>	

Description: This keyword is used to add or subtract the value specified to current year and type the date in the specified SAPGuiEdit object.

Example: Add 4 years to the current year and types in textbox 'Name'

perform | Textbox;Name | set:d\_y;4

### 67 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:dt_<name>	

Description: This keyword is used to add or subtract the value specified to current year and type the date in the specified SAPGuiEdit object.

Example: Add 4 years to the current year and types in textbox 'Name'  
perform |Textbox;Name|set:d\_y;4

### 68 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Textbox;<name>	set:#variable	

Description: This keyword is used to set the value present in the environmental variable in SAPGuiEdit object

Example: Sets the value present in variable 'VAR' in to textbox 'abc'  
perform |Textbox;abc|set:#VAR

### 69 .Click

Object Type: Dialog

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Dialog;<name>	TextClick:<text>	

Description: This keyword is used to click on the specified text in the Dialog

Example: Clicks on the text 'ABC' present in dialog 'MS explorer'  
perform |Dialog; MS Explorer|TextClick:ABC

### 70 .Table Search

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Table;<Table name>	TableSearch:<colname1>;<rowval1>::<colname2>;<rowval2>--[no of columns]	<var1>;<var2> >



**Description:** For the given search criteria (rowval1, rowval2), the matching row and column numbers will be returned. Search Criteria : Two values of a row to be passed in order to identify the record uniquely(rowval1, rowval2). Optional Parameter: "no of columns" – This parameter is used to denote that the search is done on those rows with the column count greater than or equal to a certain number (parameter 'no of columns').

**Example:** Search for Lastname as xyz and gender as male in the SAPGUITable abc upto column 5  
perform | table;abc | tablesearch:LastName;xyz::Gender;M--5|strno

### 71 .Table Search

**Object Type:** SAP Web based object

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
perform	Table;<Table name>	TableSearch:<colname1>;<rowval1>::<colname2>;<rowval2>--<[no of columns]	<var1>;<var2> >

**Description:** For the given search criteria (rowval1, rowval2), the matching row and column numbers will be returned. Search Criteria : Two values of a row to be passed in order to identify the record uniquely(rowval1, rowval2). Optional Parameter: "no of columns" – This parameter is used to denote that the search is done on those rows with the column count greater than or equal to a certain number (parameter 'no of columns').

**Example:** Search for Lastname as xyz and gender as male in the SAPTable abc upto column 5  
perform | table;abc | tablesearch:LastName;xyz::Gender;M--5|strno

### 72 .Split

**Object Type:** General

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
Perform	split;<variable>^<delimiter>^	<v1>:<e1>;<var2>:<e2>	

**Description:** This keyword is used to split the variable using the <delimiter> and store the elements(e1,e2) of the split array into variable(v1,v2) respectively.

**Example:** Split the variable using the <delimiter> and store the elements(e1,e2) of the split array into variable(v1,v2) respectively.

perform | split;MainString^S^ | string1:string2

### 73 .SetFocus

**Object Type:** SAP GUI Object

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
perform	label;<name>	setfocus	

**Description:** This keyword is used to set the focus on the specified SAPGUIobject

**Example:** Sets the focus on label 'Wind'  
perform | Label;Wind | setfocus

### 74 .SetCaretpos

**Object Type:** SAP GUI Object

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
perform	label;<name>	setcaretpos:<location>	

**Description:** This keyword is used to set the position of the cursor within the static text label at the specified location.

**Example:** Sets the position of cursor to location 4 in label 'wind'  
perform | Label;wind | setcaretpos:4

### 75 .Select

**Object Type:** SAP GUI Object

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
Perform	tabstrip;<TabName>	Select:<item>	

**Description:** This keyword is used to select the specified item from SAPGuiTabStrip object

**Example:** Selects item abc from tabstrip xyz  
perform | tabstrip;xyz | select:abc

### 76 .Select

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	tabstrip;<TabName>	SelectIndex:<index>	

Description: This keyword is used to select a item by specifying index in the SAPGuiTabStrip object

Example: Selects item abc from tabstrip xyz which has an index 2  
perform | tabstrip;xyz | selectindex:2

### 77 .Click

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	tabstrip;<TabName>	Click	

Description: This keyword is used to click on specified SAPGuiTabStrip

Example: click on tabstrip xyz  
perform | tabstrip;xyz | click

### 78 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	tabstrip;<TabName>	Select:<item>	

Description: This keyword is used to select the specified item from SAPTabStrip

Example: Selects item abc from tabstrip xyz  
perform | tabstrip;xyz | select:abc

### 79 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	tabstrip;<TabName>	SelectIndex:<index>	

Description: This keyword is used to select a item by specifying index in the SAPTabStrip object

Example: Selects item abc from tabstrip xyz which has an index 2

perform | tabstrip;xyz | selectindex:2

### 80 .Click

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	tabstrip;<TabName>	Click	

Description: This keyword is used to click on specified SAPTabStrip

Example: click on tabstrip xyz  
perform | tabstrip;xyz | click

### 81 .Set

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Table;<Table name>	setvalue:<rowindex>:<columnname>:#x	

Description: This keyword is used to set the value present in variable x in the specified row and column of SAPGUITable

Example: Sets the value present in variable 'abc' in 1st row and column by name 'text' of table 'SAPt'  
  
r | Perform | table;SAPt | setvalue:1:text:#abc

### 82 .Select

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Table;<Table name>	selectrow:<columnname>:<cellvalue>	

Description: This keyword is used to select the specified row from the SAPGuiTable with respect to the specified columnname and the cell value

Example: Selects the row having cell value 0123 present in column 'Rollnum' of table 'SAPt'  
  
r | Perform | table;SAPt | selectrow:Rollnum:0123

### 83 .Getrow

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Table;<Table name>	getrow:<columnname>:<cellvalue>:<variable>	

Description: This keyword stores the row index of the specified column having the cellvalue in the SAPGuiTable in the specified variable

Example: stores the row index of the column 'Rollnum' having the cellvalue '0123' in the SAPGuiTable in the variable 'ABC'

r|Perform|table;SAPt|getrow:Rollnum:0123:ABC

#### 84 .Rowsearch

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	grid;<name>	rowsearch:<column>:<value>:intx	

Description: This keyword searches for the row in the grid based on the column name and value and stores the row number into the variable(intx).

Example: Verify that the grid 'Sgrid' has a row containing value 'emp' and store the result in variable 'intx'

r|Check|grid;Sgrid|rowsearch:3:emp:intx

#### 85 .Click

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	menu;<name>	click	

Description: This keyword is used to click on the SAPGuiMenubar object

Example: Clicks menu 'Menu1'

r|Perform|Menu;Menu1|Click

#### 86 .Restore

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Window;<name>	Restore	

Description: This keyword is used to restore the SAPGuiWindow to its previous size

Example: Restore the xyz SAPGuiWindow

perform|window;xyz|Restore

### 87 .Select

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	menu;<name>	Select:<value>	

Description: This keyword is used to select the specified item from the SAPGuiMenubar

Example: Selects the item "def" from the menu "abc"

Perform | menu;abc | Select: def

### 88 .Click

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	navigationbar;<name>	Click	

Description: This keyword is used to click on the specified SAPNavigationBar

Example: Click on the Navigator Bar "abc"

Perform | navigationbar;abc | Click

### 89 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	navigationbar;<name>	Select:<value>	

Description: This keyword is used to select the specified values from the SAPNavigationBar

Example: Selects value "def" from the Navigator Bar "abc"

Perform | navigationbar;abc | Select: def

### 90 .Hide

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	navigationbar;<name>	hide	

Description: This keyword is used to hide the iPanel in the SAPNavigationBar

Example: Hides the iPanel "abc"

Perform | navigationbar;abc | hide

### 91 .Show

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	navigationbar;<name>	show	

Description: This keyword is used to show the iPanel in the SAPNavigationBar

Example: Shows the iPanel "abc"  
Perform | navigationbar;abc | show

### 92 .Expand

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	navigationbar;<name>	Expand:<name>	

Description: This keyword is used to expand the specified item from the SAPNavigationBar

Example: Expands the item specified "def" from navigationbar "abc"  
Perform | navigationbar;abc | Expand:def

### 93 .Collapse

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	navigationbar;<name>	Collapse:<name>	

Description: This keyword is used to collapse the specified item from the SAPNavigationBar

Example: Collapse all items under the node "def" of the navigationbar "abc"  
Perform | navigationbar;abc | Collapse:def

### 94 .Set

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Table;<Table name>	setvalue:<rowindex>:<columnname>:#x	

Description: This keyword is used to set the value present in variable x in the specified row and column of SAPTable

Example: Sets the value present in variable 'abc' in 1st row and column by name 'text' of table 'SAPt'

r|Perform|table;SAPt|setvalue:1:text:#abc

### 95 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Table;<Table name>	selectrow:<columnname>:<cellvalue>	

Description: This keyword is used to select the specified row from the SAPTable with respect to the specified columnname and the cell value

Example: Selects the row having cell value 0123 present in column 'Rollnum' of table 'SAPt'

r|Perform|table;SAPt|selectrow:Rollnum:0123

### 96 .Getrow

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	Table;<Table name>	getrow:<columnname>:<cellvalue>:<variable>	

Description: This keyword stores the row index of the specified column having the cellvalue in the SAPTable in the specified variable

Example: stores the row index of the column 'Rollnum' having the cellvalue '0123' in the SAPTable in the variable 'ABC'

r|Perform|table;SAPt|getrow:Rollnum:0123:ABC

### 97 .Click

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
perform	menu;<name>	click	

Description: This keyword is used to click on the SAPMenu object

Example: Clicks menu 'Menu1'

r|Perform|Menu;Menu1|Click



### 98 .Select

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	menu;<name>	Select:<value>	

Description: This keyword is used to select the specified item from the SAPMenu

Example: Selects the item "def" from the menu "abc"

Perform | menu;abc | Select: def

### 99 .Select

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	ToolBar;<name>	Press:<name>	

Description: This keyword is used to selects the specified SAPGuiToolbar item

Example: Selects the item "def" from the toolbar "tbar"

Perform | toolbar;tbar | press: def

## 6 .Keyword for importing the Data Sheet

### 1 .Import

#### Data

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
ImportData	<file path\file name>	< sheet name to be imported>	

Description: This keyword is used to Import data from the specified spreadsheet to "Action1" sheet of QTP

Example: Imports the specified sheet

ImportData | C:\Test.xls | Sheet1

## 7 .Keywords for Checking

### 1 .Exist

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Window;<windowname>>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPGuiWindow

Example: Verify that the window xyz exist  
check| window;xyz|exist:true

### 2 .Enabled

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Button;<buttonname>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPGuiButton object

Example: Verify that the button abc is enabled  
check| button;abc|enabled:true

### 3 .Exist

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Button;<buttonname>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPGuiButton object

Example: Verify that the button xyz does not exist  
check| button;xyz|exist:false

#### 4 .Focused

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Button;<buttonname>	Focused:<True/False>	

Description: This keyword is used to check for focused/not focused property of the specified SAPGuiButton object

Example: Verify that the button abc is focused  
check|button;abc|focused:true

#### 5 .Enabled

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Button;<buttonname>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPButton object

Example: Verify that the button abc is enabled  
check|button;abc|enabled:true

#### 6 .Exist

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Button;<buttonname>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPButton object

Example: Verify that the button xyz does not exist  
check|button;xyz|exist:false

#### 7 .Focused

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Button;<buttonname>	Focused:<True/False>	

**Description:** This keyword is used to check for focused/not focused property of the specified SAPButton object

**Example:** Verify that the button abc is focused  
check|button;abc|focused:true

### 8.Enabled

**Object Type:** SAP GUI Object

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Enabled:<True/False>	

**Description:** This keyword is used to check for enabled/disabled property of the specified SAPGuiRadioButton object

**Example:** Verify that the radiobutton abc is enabled  
check|radiobutton;abc|enabled:true

### 9.Exist

**Object Type:** SAP GUI Object

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Exist:<True/False>	

**Description:** This keyword is used to check for existence/non-existence property of the specified SAPGuiRadioButton object

**Example:** Verify that the radiobutton xyz does not exist  
check|radiobutton;xyz|exist:false

### 10.Focused

**Object Type:** SAP GUI Object

**Keyword**

**Syntax:**

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Focused:<True/False>	

**Description:** This keyword is used to check for focused/not focused property of the specified SAPGuiRadioButton object

**Example:** Verify that the radiobutton abc is focused  
check|radiobutton;abc|focused:true

### 11 .Checked

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Checked:<True/False>	

Description: This keyword is used to check whether the specified SAPGuiRadioButton object is selected/not selected.

Example: Verify that the radiobutton abc is ON  
check|radiobutton;abc|checked:True

### 12 .Enabled

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPRadioGroup object

Example: Verify that the radiobutton abc is enabled  
check|radiobutton;abc|enabled:true

### 13 .Exist

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPRadioGroup object

Example: Verify that the radiobutton xyz does not exist  
check|radiobutton;xyz|exist:false

#### 14 .Focused

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Focused:<True/False>	

Description: This keyword is used to check for focused/not focused property of the specified SAPRadioGroup object

Example: Verify that the radiobutton abc is focused  
check|radiobutton;abc|focused:true

#### 15 .Checked

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	RadioButton;<RadioButtonName>	Checked:<True/False>	

Description: This keyword is used to check whether the specified SAPRadioGroup object is selected/not selected.

Example: Verify that the radiobutton abc is ON  
check|radiobutton;abc|checked:True

#### 16 .Enabled

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	CheckBox;<CheckBoxName>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPCheckBox object

Example: Verify that the checkbox abc is enabled  
check|checkbox;abc|enabled:true

### 17 .Exist

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	CheckBox;<CheckBoxName>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPCheckBox object

Example: Verify that the checkbox xyz does not exist  
check|checkbox;xyz|exist:false

### 18 .Checked

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	CheckBox;<CheckBoxName>	Checked:<True/False>	

Description: This keyword is used to check whether the specified SAPCheckBox object is checked /unchecked.

Example: Verify that the checkbox abc is focused  
check|checkbox;abc|checked:ON

### 19 .Enabled

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	CheckBox;<CheckBoxName>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPGuiCheckBox object

Example: Verify that the checkbox abc is enabled  
check|checkbox;abc|enabled:true

## 20 .Exist

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	CheckBox;<CheckBoxName>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPGuiCheckBox object

Example: Verify that the checkbox xyz does not exist  
check|checkbox;xyz|exist:false

## 21 .Checked

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	CheckBox;<CheckBoxName>	Checked:<True/False>	

Description: This keyword is used to check whether the specified SAPGuiCheckBox object is checked /unchecked.

Example: Verify that the checkbox abc is focused  
check|checkbox;abc|checked:ON

## 22 .Click

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Listbox;<listboxname>	Click	

Description: This keyword is used to click the specified SAPList object

Example: Click on the listbox abc  
perform|listbox;abc|click



### 23 .Enabled

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	ComboBox;<ComboBoxname>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPGuiComboBox object

Example: Verify that the combobox abc is enabled  
check|combobox;abc|enabled:true

### 24 .Exist

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	ComboBox;<ComboBoxname>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPGuiComboBox object

Example: Verify that the combobox xyz exists  
check|combobox;xyz|exist:True

### 25 .ItemsCount

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	ComboBox;<ComboBoxname>	ItemCount:<count>	

Description: This keyword is used to check for the number of items in the specified SAPGuiComboBox object

Example: Verify that the count of items in combobox xyz is 5  
check|combobox;xyz|itemcount:5

## 26 .Item exists

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	ComboBox;<ComboBoxname>	ItemExist:<Item>	

Description: This keyword is used to check for the existence of the specified item in the specified SAPGuiComboBox object

Example: Verify that the combobox xyz has item abc  
check|combobox;xyz|itemexist:abc

## 27 .Selection

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	ComboBox;<ComboBoxname>	Selection:<item>	

Description: This keyword is used to check for the selected item in SAPGuiComboBox object

Example: Verify that the selected item in combobox xyz is abc  
check|combobox;xyz|selection:abc

## 28 .Enabled

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPGuiEdit object

Example: Verify that the textbox abc is enabled  
check|textbox;abc|enabled:true

**29 .Exist**

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPGuiEditobject

Example: Verify that the textbox xyz exists  
check|textbox;xyz|exist:True

**30 .Enabled**

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPEdit object

Example: Verify that the textbox abc is enabled  
check|textbox;abc|enabled:true

**31 .Exist**

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPEdit object

Example: Verify that the textbox xyz exists  
check|textbox;xyz|exist:True

### 32 .Text

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:<text>	

Description: This keyword is used to check for the existence of specified text in SAPEdit object

Example: Verify that the text in textbox xyz is kit  
check|textbox;xyz|text:kit

### 33 .Text

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:#<variable name>	

Description: This keyword is used to check for the existence of text( present in specified environment variable) in SAPEdit object

Example: Verify that the text in textbox xyz is the value stored in environmental variable VAR  
check|textbox;xyz|text:#VAR

### 34 .Text

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:p_<parameter name>	

Description: This keyword is used to check for the existence of text( present in specified parameter) in SAPEdit object

Example: Verify that the text in textbox xyz is the value stored in parameter VAR  
check|textbox;xyz|text:p\_VAR

### 35 .Text

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:env_<environment name>	

Description: This keyword is used to check for the existence of text( present in specified environment variable) in SAPEdit object

Example: Verify that the text in textbox xyz is the value stored in environmental variable VAR

check|textbox;xyz|text:env\_VAR

### 36 .Text

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:dt_<parameter name>	

Description: This keyword is used to check for the existence of text(text present in specified datatable parameter ) in SAPEdit object

Example: Verify that the text in textbox xyz is the value stored in variable VAR in "action1" datasheet

check|textbox;xyz|text:dt\_VAR

### 37 .Text

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:<text>	

Description: This keyword is used to check for the existence of specified text in SAPGuiEdit object

Example: Verify that the text in textbox xyz is kit

check|textbox;xyz|text:kit

### 38 .Text

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:#<variable name>	

Description: This keyword is used to check for the existence of text( present in specified environment variable) in SAPGuiEdit object

Example: Verify that the text in textbox xyz is the value stored in environmental variable VAR

check|textbox;xyz|text:#VAR

### 39 .Text

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:p_<parameter name>	

Description: This keyword is used to check for the existence of text( present in specified parameter) in SAPGuiEdit object

Example: Verify that the text in textbox xyz is the value stored in parameter VAR

check|textbox;xyz|text:p\_VAR

### 40 .Text

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>;[<ExactChk,RegExpChk>]	Text:env_<environment name>	

Description: This keyword is used to check for the existence of text( present in specified environment variable) in SAPGuiEdit object

Example: Verify that the text in textbox xyz is the value stored in environmental variable VAR

check|textbox;xyz|text:env\_VAR

#### 41 .Text

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Textbox;<textboxname>[<ExactChk,RegExpChk>]	Text:dt_<parameter name>	

Description: This keyword is used to check for the existence of text(text present in specified datatable parameter ) in SAPGuiEdit object

Example: Verify that the text in textbox xyz is the value stored in variable VAR in "action1" datasheet

check|textbox;xyz|text:dt\_VAR

#### 42 .Enabled

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Editor;<editorname>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of the specified SAPGuiTextArea object

Example: Verify that the editor abc is enabled

check|editor;abc|enabled:true

#### 43 .Exist

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Editor;<editorname>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of the specified SAPGuiTextArea object

Example: Verify that the editor xyz exists

check|editor;xyz|exist:True

#### 44 .Click

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Perform	Editor;<editorname>	Click	

Description: This keyword is used to click specified WinEditor object

Example: clickeditor abc is focused  
perform | editor;abc | click

#### 45 .Text

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Editor;<editorname>;[<ExactChk,R egExpChk>]	Text:<text>	

Description: This keyword is used to verify the text displayed in specified SAPGuiTextArea object.

Example: Verify that the text in editor xyz is kit  
check | editor;xyz | text:kit

#### 46 .Exist

Object Type: Dialog

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	Dialog;<name>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of a Dialog

Example: Verify that the dialog xyz exists  
check | dialog;xyz | exist:True

#### 47 .Table Search

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	grid;<Grid name>	TableSearch:<colname1>;<rowval1>::<col name2>;<rowval2>--<[no of columns]	

Description: For the given search criteria (rowval1, rowval2), the matching row and column numbers will be searched in the SAPGuiGrid and the result of search will be reported in test results

Example: Search for Lastname as xyz and gender as male in the SAPGuiGrid abc  
check | table;abc | tablesearch:LastName;xyz::Gender;M



#### 48 .Enabled

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of SAPGuiStatusBar

Example: Verify that the StatusBar 'Slist' is enabled  
r|Check|StatusBar;Slist|Enabled:True

#### 49 .Exist

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of SAPGuiStatusBar

Example: Verify that the StatusBar 'Slist' exists  
r|Check|StatusBar;Slist|Exist:False

#### 50 .Text

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	Text:<text>	

Description: This keyword is used to checks for the specific text present in the SAPGuiStatusBar

Example: Verify that the text in StatusBar 'SAPstatus' is 'Processing'  
r|Check|StatusBar;SAPstatus|Text:Processing

#### 51 .ItemsCount

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	ItemCount:<count>	

Description: This keyword is used to checks for the number of items present in the SAPGuiStatusBar

Example: Verify that the StatusBar 'Slist' has 12 items

r|Check|StatusBar;Slist|ItemCount:12

### 52 .Enabled

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	Enabled:<True/False>	

Description: This keyword is used to check for enabled/disabled property of SAPStatusBar

Example: Verify that the StatusBar 'Slist' is enabled

r|Check|StatusBar;Slist|Enabled:True

### 53 .Exist

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	Exist:<True/False>	

Description: This keyword is used to check for existence/non-existence property of SAPStatusBar

Example: Verify that the StatusBar 'Slist' exists

r|Check|StatusBar;Slist|Exist:False

### 54 .Text

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	Text:<text>	

Description: This keyword is used to checks for the specific text present in the SAPStatusBar

Example: Verify that the text in StatusBar 'SAPstatus' is 'Processing'

r|Check|StatusBar;SAPstatus|Text:Processing

### 55 .ItemsCount

Object Type: SAP Web based object

Keyword

Syntax:

Action	Object	Action value1	Action value2
Check	StatusBar;<name>	ItemCount:<count>	

Description: This keyword is used to checks for the number of items present in the SAPStatusBar

Example: Verify that the StatusBar 'Slist' has 12 items  
r|Check|StatusBar;Slist|ItemCount:12

## 8 .Keyword for getting a value

### 1 .Msgbox

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
msgbox	#<variable name>		

Description: This keyword is used to display the Environment value of a variable in a dialog box

Example: Displays the value stored in variable in stra  
msgbox | #stra

## 9 .Keyword for Reporting

### 1 .Reporting

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
report	<event>;<exp1>:<exp2>::<act1>:<act2>		

Description: This keyword is used to display a customized report in the QTP test results window with the passed variables.

Example: Reports the event comparison of clinician name as Pass  
report | pass;Employer should be:#strclin::Employer is :#stra:,which is correct

## 10 .Keywords for string operations

### 1 .String Replace

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
strreplace	Mainstring;SubString;String	Variable	

Description: This keyword is used to replace the specified <substring> present in <main string>with the <string> and stores the modified string in a variable

Example: Replace cde by fghij in string abcde. The resultant string is stored in strq

strreplace | abcde;cde;fghij | strq

## 2 .String Search

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
strsearch	Mainstring;SubString	Variable	

Description: This keyword searches for substring variable inside Main string and stores the result of search in specified variable.

Example: Search for abc in abcdef, the result is stored in the variable

strsearch | abc;abcdef|strres

## 3 .String Concatenate

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
strconcat	str1;str2;str3....;strn	Variable	

Description: This keyword is used to concatenate the strings entered and store the concatenated string in the specified variable.

Example: Concatenate abc and xyz and store the value in VAR

strconcat|abc;xyz|VAR

## 4 .String Reverse

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
strreverse	string	Variable	

Description: This keyword is used to Reverse the string entered and store the reversed string in the specified variable.

Example: reverse the string 'abcde' to 'edcba' and store in variable 'str'.

strreverse | abcde | str

## 11 .Keywords for Assigning

### 1 .Assign

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
assignvalue	<variable name>;<val>		

Description: This keyword is used to assign a value to the variable  
Note:datasheet values and environment values can also be assigned to variable.

Example: Assign 6 to variable inta  
assignvalue|inta;6

## 12 .Keyword for looping into action

### 1 .Looping

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
Loop	<start row>;<end row>		

Description: This keyword is used to loop a set of actions given in the Global datasheet. Here the <no of times to loop> is taken as the no. of active rows present in the "Action1" sheet of QTP.

Example: Loops the action between row 4 and row8  
loop|4;8

### 2 .Looping

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
Loop	<start row>;<end row>	<no of times to loop>	

Description: This keyword is used to loop a set of actions <no of times to loop> no of times present between the specified row numbers (start row and end row) in the Global Datasheet.

Example: Loops the action between row 4 and row8 for 3 times  
loop|4;8|3

### 13 .Keyword for Keyboard operations

#### 1 .Press Key

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
presskey	<key> e.g. enter,f10 etc.	Performs the function of the key.	

Description: This keyword is used to perform the keyboard operation of the key.

Example: Press F10 key  
presskey|F10

#### 2 .Press Key

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
presskey	Alt+F4	Performs the function of the key.	

Description: This keyword is used to perform keyboard operation 'Alt+F4' in the specified context.

Example: Performs "Alt+F4" on the window abc  
Context|Window;abc  
presskey|Alt+F4

### 14 .Keyword for Arithmetic Operations

#### 1

#### .Arithmetic

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
arith	2+3+4	z	

Description: This keyword is used to perform basic arithmetic functions like +,-,\ and \*

Example: Adds 2 and 3 and stores the result in x  
arith|2+3|x

## 2 .Arithmetic

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
arith	#<variable>+4	z	

Description: This keyword is used to perform basic arithmetic functions like +,-,\ and \*

Example: Adds value in variable 'VAR' and 3 and stores the result in x  
arith|#VAR+3|x

## 15 .Keyword for Condition

### 1 .Equals

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
condition	<var1;equals;<var2>	startrow; endrow	

Description: This keyword checks for the condition if var1 is equal to var2. If condition is TRUE then performs actions from <start row> else performs actions from <end row>+1

Example: Checks for condition, if it is true start performing actions from line 12 else start from line 15

conditon|abc;equals;abc|12;15

### 2 .Less Than

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
condition	<var1;lessthan;<var2>	startrow; endrow	

Description: This keyword checks for the condition if var1 is less than var2. If condition is TRUE then performs actions from <start row> else performs actions from <end row>+1

Example: Checks for condition, if it is true start performing actions from line 17 else start from line 18

conditon|abc;lessthan;abc|17;18

### 3 .Greater Than

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
condition	<var1;greaterthan;<var2>	startrow; endrow	

Description: This keyword checks for the condition if var1 is greater than var2. If condition is TRUE then performs actions from <start row> else performs actions from <end row>+1

Example: Checks for condition, if it is true start performing actions from line 12 else start from line 19

```
conditon|abc;greaterthan;abc|12;19
```

### 4 .Not

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
condition	<var1;not;<var2>	startrow; endrow	

Description: This keyword checks for the condition if var1 is not equal to var2. If condition is TRUE then performs actions from <start row> else performs actions from <end row>+1

Example: Checks for condition, if it is true start performing actions from line 26 else start from line 28

```
conditon|abc;not;abc|26;28
```

### 5 .Equals with Variable

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
condition	#<variable name>;equals;True	startrow; endrow	

Description: This keyword extracts the value of environment variable, then checks condition.If condition is TRUE then performs actions from <start row> else performs actions from <end row>+1

Example: Checks for condition, if it is true start performing actions from line 29 else start from line 31

```
condition|#abc;equals>true|29;31
```



## 6 .Equals with Variable

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
condition	#<variable name>;equals;False	startrow; endrow	

Description: This keyword extracts the value of environment variable, then checks condition.If condition is TRUE then performs actions from <start row> else performs actions from <end row>+1

Example: Checks for condition, if it is true start performing actions from line 42 else start from line 45

condition|#abc;equals;false|42;45

## 7 .Not with Variable

Object Type: General

Keyword

Syntax:

Action	Object	Action value1	Action value2
condition	#<variable name>;not;True	startrow; endrow	

Description: This keyword extracts the value of environment variable, then checks condition.If condition is TRUE then performs actions from <start row> else performs actions from <end row>+1

Example: Checks for condition, if it is true start performing actions from line 32 else start from line 25

condition|#abc;not>true|32;35

## 16 .Keywords for Storing Values

### 1 .Storevalue

Object Type: SAP object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	TextBox;<textbox name>	prop_name:<variable_name>	

Description: This keyword is used to store the value of the specified property of WinEdit object in the specified variable

Example: Stores the value of 'Enabled' property of textbox 'abcd' in a variable 'Var'

Storevalue|TextBox;abcd|Enabled:Var

## 2 .Storevalue

Object Type: SAP object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	button;<button name>	prop_name:<variable_name>	

Description: This keyword is used to store the value of the specified property of WinButton object in the specified variable

Example: Stores the value of 'Enabled' property of button 'yes' in a variable 'Var'  
storevalue | button;Yes | Enabled:Var

## 3 .Storevalue

Object Type: SAP object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	Combobox;<name>	prop_name:<variable_name>	

Description: This keyword is used to store the value of the specified property of WinComboBox object in the specified variable

Example: Stores the value of 'all items' property of combobox 'cbname' in a variable 'Var'  
  
storevalue | Combobox;cbname|all items:Var

## 4 .Storevalue

Object Type: SAP object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	checkbox;<name>	prop_name:<variable_name>	

Description: This keyword is used to store the value of the specified property of WinCheckBox object in the specified variable

Example: Stores the value of 'enabled' property of checkbox 'cbname' in a variable 'Var'  
  
storevalue | checkbox;cbname|Enabled:var

## 5 .Storevalue

Object Type: SAP object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	radiobutton;<name>	prop_name:<variable_name>	

Description: This keyword is used to store the specified value of the property of WinRadioButton object in the specified variable

Example: Stores the value of 'enabled' property of radiobutton 'rbname' in a variable 'Var'

storevalue | radiobutton;rbname|Enabled:Var

## 6 .Storevalue

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	window;<window name>	Exist:<variable name>	

Description: This keyword is used to store the value of the Exist property of a Window object in the specified variable

Example: Stores the value of 'exist' property of window 'winname' in a variable 'Var'

storevalue | window;winname|Exist:Var

## 7 .Storevalue

Object Type: Dialog

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	dialog;<name>	prop_name:<variable_name>	

Description: This keyword is used to store the value of the specified property of Dialog object in the specified variable

Example: Stores the value of 'enabled' property of dialog 'dgname' in a variable 'Var'

storevalue | dialog;dgname|Enabled:Var

### 8 .Storevalue

Object Type: SAP object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	menu;<name>	prop_name:<variable_name>	

Description: This keyword is used to store the value of the specified property of specified SAP Web based object in the specified variable

Example: Stores the value of 'selection' property of menu 'tb' in a variable 'Var'  
storevalue | menu;tb|selection:Var

### 9 .Storevalue

Object Type: SAP object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	<Object>;<object name>	prop_name:<variable_name>	

Description: This keyword is used to store the value of the specified property of specified SAP Web based object in the specified variable

Example: Stores the value of 'selection' property of treeview 'tb' in a variable 'Var'  
  
storevalue | Treeview;tb|selection:Var

### 10 .Storevalue

Object Type: SAP GUI Object

Keyword

Syntax:

Action	Object	Action value1	Action value2
storevalue	grid;<name>	tablesearch:<colname>;<val>::col2;<val2>	intx

Description: This keyword is used to search for the row where the value <val> is present under column <colname> and also <val2> under column<col2> of the SAPGuiTable . If the row for both the search criteria matches then stores 'True' in the variable <intx> else stores 'false'

Example: Stores the value of tablesearch operation performed in grid 'abc' in a variable 'VAR'  
  
storevalue | grid;abc | tablesearch:Name;Ben::Emp;asd | VAR

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