



## TKS Sales Force Keywords

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User guide  
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## TKS Sales Force Keywords
























This is a reference for information about the keywords used for Sales Force.

## Sales Force Keyword Help

TurnKey Confidential - Do not Distribute

## TKS Sales Force Standard Keywords

### Modules:

 <a href="#">Browser</a>	Custom Functions for use with "Browser" Test Objects.
 <a href="#">Dialog</a>	Custom Functions for use with "Dialog" Test Objects.
 <a href="#">Frame</a>	Custom Functions for use with "Frame" Test Objects.
 <a href="#">Image</a>	Custom Functions for use with "Image" Test Objects.
 <a href="#">Link</a>	Custom Operations for use with "Link" Test Objects.
 <a href="#">Operation</a>	Custom Operations for use with Sales Force.
 <a href="#">Page</a>	Custom Functions for use with "Page" Test Objects.
 <a href="#">SF_WebCheckBox</a>	Custom Functions for use with "SF_WebCheckBox" Test Objects.
 <a href="#">SF_WebEdit</a>	Custom Functions for use with "SF_WebEdit" Test Objects.
 <a href="#">SF_WebElement</a>	Custom Functions for use with "SF_WebElement" Test Objects.
 <a href="#">SF_WebList</a>	Custom Functions for use with "SF_WebList" Test Objects.
 <a href="#">SF_WebRadioGroup</a>	Custom Functions for use with "SF_WebRadioGroup" Test Objects.
 <a href="#">SF_WebTable</a>	Custom Functions for use with "SF_WebTable" Test Objects.
 <a href="#">WinButton</a>	Custom Functions for use with "WinButton" Test Objects.
 <a href="#">WinComboBox</a>	Custom Functions for use with "WinComboBox" Test Objects.
 <a href="#">WinEdit</a>	Custom Functions for use with "WinEdit" Test Objects.
 <a href="#">WebButton</a>	Custom Functions for use with "WebButton" Test Objects.
 <a href="#">WebCheckBox</a>	Custom Functions for use with "WebCheckBox" Test Objects.
 <a href="#">WebEdit</a>	Custom Functions for use with "WebEdit" Test Objects.
 <a href="#">WebElement</a>	Custom Functions for use with "WebElement" Test Objects.
 <a href="#">WebFile</a>	Custom Functions for use with "WebFile" Test Objects.
 <a href="#">WebList</a>	Custom Functions for use with "WebList" Test Objects.
 <a href="#">WebRadioGroup</a>	Custom Functions for use with "WebRadioGroup" Test Objects.

























 [WebTable](#)

Custom Functions for use with "WebTable" Test Objects.



## Standard Object Types



### Modules:

 <a href="#">Browser</a>	Custom Functions for use with "Browser" Test Objects.
 <a href="#">Dialog</a>	Custom Functions for use with "Dialog" Test Objects.
 <a href="#">Frame</a>	Custom Functions for use with "Frame" Test Objects.
 <a href="#">Image</a>	Custom Functions for use with "Image" Test Objects.
 <a href="#">Link</a>	Custom Operations for use with "Link" Test Objects.
 <a href="#">Operation</a>	Custom Operations for use with Sales Force.
 <a href="#">Page</a>	Custom Functions for use with "Page" Test Objects.
 <a href="#">SF_WebCheckBox</a>	Custom Functions for use with "SF_WebCheckBox" Test Objects.
 <a href="#">SF_WebEdit</a>	Custom Functions for use with "SF_WebEdit" Test Objects.
 <a href="#">SF_WebElement</a>	Custom Functions for use with "SF_WebElement" Test Objects.
 <a href="#">SF_WebList</a>	Custom Functions for use with "SF_WebList" Test Objects.
 <a href="#">SF_WebRadioGroup</a>	Custom Functions for use with "SF_WebRadioGroup" Test Objects.
 <a href="#">SF_WebTable</a>	Custom Functions for use with "SF_WebTable" Test Objects.
 <a href="#">WinButton</a>	Custom Functions for use with "WinButton" Test Objects.
 <a href="#">WinComboBox</a>	Custom Functions for use with "WinComboBox" Test Objects.
 <a href="#">WinEdit</a>	Custom Functions for use with "WinEdit" Test Objects.
 <a href="#">WebButton</a>	Custom Functions for use with "WebButton" Test Objects.
 <a href="#">WebCheckBox</a>	Custom Functions for use with "WebCheckBox" Test Objects.
 <a href="#">WebEdit</a>	Custom Functions for use with "WebEdit" Test Objects.
 <a href="#">WebElement</a>	Custom Functions for use with "WebElement" Test Objects.
 <a href="#">WebFile</a>	Custom Functions for use with "WebFile" Test Objects.
 <a href="#">WebList</a>	Custom Functions for use with "WebList" Test Objects.
 <a href="#">WebRadioGroup</a>	Custom Functions for use with "WebRadioGroup" Test Objects.
 <a href="#">WebTable</a>	Custom Functions for use with "WebTable" Test Objects.

## Browser

Custom Functions for use with "Browser" Test Objects.


### Methods:

Name	Description
 <a href="#">CaptureScreenClip_TKS</a>	This keyword captures a screenshot of the application and saves the image to the run results.
 <a href="#">VerifyExists_TKS</a>	This keyword verifies that a specified Browser/Page/Frame/Dialog window opens.

## Dialog

Custom Functions for use with "Dialog" Test Objects.





### Methods:

Name	Description
 <a href="#">VerifyExists_TKS</a>	This keyword verifies that a specified Browser/Page/Frame/Dialog window opens.

## Frame

Custom Functions for use with "Frame" Test Objects.


### Methods:

Name	Description
 <a href="#">ClickButtonText_TKS</a>	This keyword clicks a button on a window that displays the text in the LabelText parameter.
 <a href="#">ClickLink_TKS</a>	This keyword clicks a specified hyperlink.
 <a href="#">NavigateLinkPathNew_TKS</a>	This keyword drills down to a matching link in a the specified link path.
 <a href="#">VerifyExists_TKS</a>	This keyword verifies that a specified Browser/Page/Frame/Dialog window opens.

## Image

Custom Functions for use with "Image" Test Objects.





### Methods:

Name	Description
 <a href="#">Click_TKS</a>	This keyword clicks an Image/WebButton/Link/Winbutton/ WebElement if the ClickStatus is set to <ON>. If the Image does not exist, execution will continue.

## Link

Custom Functions for use with "Link" Test Objects.


### Methods:

Name	Description
 <a href="#">Click_TKS</a>	This keyword clicks an Image/WebButton/Link/Winbutton/WebElement if the ClickStatus is set to <ON>. If the Image does not exist, execution will continue.
 <a href="#">ClickIfExist_TKS</a>	This keyword clicks a Link only if it exists. If it does not exist, execution will continue.
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## Operation

Custom Functions for use with Sales Force





### Methods:

Name	Description
 <a href="#">CloseAllBrowsers_TKS</a>	This keyword closes all open browsers except for ALM and Outlook.

## Page

Custom Functions for use with "Page" Test Objects.

### Methods:




Name	Description
 <a href="#">ClickButtonText_TKS</a>	This keyword clicks a button on a window that displays the text in the LabelText parameter.
 <a href="#">ClickLink_TKS</a>	This keyword clicks a specified hyperlink.
 <a href="#">NavigateLinkPathNew_TKS</a>	This keyword drills down to a matching link in a the specified link path.
 <a href="#">VerifyExists_TKS</a>	This keyword verifies that a specified Browser/Page/ Frame/Dialog window opens.



## SF\_WebCheckBox

Custom Functions for use with "SF\_WebCheckBox" Test Objects.





### Methods:

Name	Description
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Select_TKS</a>	This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## SF\_WebEdit

Custom Functions for use with "SF\_WebEdit" Test Objects.



### Methods:

Name	Description
 <a href="#">Enter_TKS</a>	This keyword optionally enters a value into a field after looking for tags.
 <a href="#">EnterIfExist_TKS</a>	This keyword allows a specified value to be entered into a field only if it exists. If it does not exist, execution will continue.
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## SF\_WebElement

Custom Functions for use with "SF\_WebElement" Test Objects.





### Methods:

Name	Description
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## SF\_WebList

Custom Functions for use with "SF\_WebList" Test Objects.


### Methods:

Name	Description
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Select_TKS</a>	This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.
 <a href="#">SelectIfExists_TKS</a>	This keyword selects a specified item in a list of values only if the specified list exists. If no data value is specified, this step is skipped and execution will continue.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## SF\_WebRadioGroup

Custom Functions for use with "SF\_WebRadioGroup" Test Objects.






### Methods:

Name	Description
 <a href="#">Select_TKS</a>	This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.

## SF\_WebTable

Custom Functions for use with "SF\_WebTable" Test Objects.


### Methods:

Name	Description
 <a href="#">EnterField_TKS</a>	This keyword enters a value into a cell of a table and supports WebEdit, WebList and WebCheckBox controls for entering data. If the record number or the data value is blank, it will skip the entry and continue with execution. Check box cell values are "ON" or "OFF".
 <a href="#">EnterFieldByIndex_TKS</a>	This keyword enters a value into a cell of a table and supports WebEdit, WebList and WebCheckBox controls for entering data. If the record number or the data value is blank, it will skip the entry and continue with execution. Check box cell values are "ON" or "OFF". Optionally enters a value in a specific cell of a web table by index starting from zero.
 <a href="#">GetRecordByValue_TKS</a>	This keyword will Gets record based on the searchCriteria, which is " " separated list of values, having columnName,ColumnValue pairs separated by "::" and other optional parameters such as isText, startrow, and maxpages to search for the record. Regular expression can be used for the columnValue.
 <a href="#">VerifyField_TKS</a>	This keyword verifies a data value specified in a data sheet with a value in a cell in a table.
 <a href="#">VerifyFieldByIndex_TKS</a>	This keyword verifies a data value specified in a data sheet with a value in a cell in a table.

## WinButton

Custom Functions for use with "WinButton" Test Objects.


### Methods:

Name	Description
 <a href="#">Click_TKS</a>	This keyword clicks an Image/WebButton/Link/Winbutton/ WebElement if the ClickStatus is set to <ON>. If the Image does not exist, execution will continue.

## WinComboBox

Custom Functions for use with "WinComboBox" Test Objects.

### Methods:


Name	Description
 <a href="#">Select_TKS</a>	This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.



## WinEdit

Custom Functions for use with "WinEdit" Test Objects.


### Methods:

Name	Description
 <a href="#">Enter_TKS</a>	This keyword optionally enters a value into a field after looking for tags.

## WebButton

Custom Functions for use with "WebButton" Test Objects.




### Methods:

Name	Description
 <a href="#">Click_TKS</a>	This keyword clicks an Image/WebButton/Link/Winbutton/ WebElement if the ClickStatus is set to <ON>. If the Image does not exist, execution will continue.

## WebCheckBox

Custom Functions for use with "WebCheckBox" Test Objects.





### Methods:

Name	Description
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Select_TKS</a>	This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## WebEdit

Custom Functions for use with "WebEdit" Test Objects.



### Methods:

Name	Description
 <a href="#">Enter_TKS</a>	This keyword optionally enters a value into a field after looking for tags.
 <a href="#">EnterIfExist_TKS</a>	This keyword allows a specified value to be entered into a field only if it exists. If it does not exist, execution will continue.
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## WebElement

Custom Functions for use with "WebElement" Test Objects.




### Methods:

Name	Description
 <a href="#">Click_TKS</a>	This keyword clicks an Image/WebButton/Link/Winbutton/WebElement if the ClickStatus is set to <ON>. If the Image does not exist, execution will continue.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## WebFile

Custom Functions for use with "WebFile" Test Objects.





### Methods:

Name	Description
 <a href="#">Enter_TKS</a>	This keyword optionally enters a value into a field after looking for tags.
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## WebList

Custom Functions for use with "WebList" Test Objects.



### Methods:

Name	Description
 <a href="#">OutputToSheet_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">Select_TKS</a>	This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.
 <a href="#">SelectIfExist_TKS</a>	This keyword selects a specified item in a list of values only if the specified list exists. If no data value is specified, this step is skipped and execution will continue.
 <a href="#">Verify_TKS</a>	This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

## WebRadioGroup

Custom Functions for use with "WebRadioGroup" Test Objects.

### Methods:








Name	Description
 <a href="#">Select_TKS</a>	This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.
 <a href="#">SelectIfExist_TKS</a>	This keyword selects a specified item in a list of values only if the specified list exists. If no data value is specified, this step is skipped and execution will continue.



## WebTable

Custom Functions for use with "WebTable" Test Objects.

### Methods:

Name	Description
 <a href="#">GetRecordByValue_TKS</a>	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.
 <a href="#">OptionalClickButtonInCell_TKS</a>	This keyword will return column number by searching for a specified value and record number. Supports a wild-card search ("*") if regular expression is needed. Optionally selects a button in a specified record and column location in a table, if it exists, based on an associated setting of True or False, ON or OFF.
 <a href="#">OptionalClickLinkInCell_TKS</a>	This keyword Optionally selects a link in a specified record and column location in a table, if it exists, based on an associated setting of True or False, ON or OFF. All results are logged in Test Results.
 <a href="#">OutputValue_TKS</a>	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 <a href="#">SelectRadioGroup_TKS</a>	This keyword Selects radiogroup item by index depending on data found in the table.
 <a href="#">VerifyField_TKS</a>	This keyword verifies a data value specified in a data sheet with a value in a cell in a table.
 <a href="#">VerifyFieldByIndex_TKS</a>	This keyword verifies a data value specified in a data sheet with a value in a cell in a table.

## Standard Keywords

### Keywords:

 [CaptureScreenClip\\_TKS](#)

This keyword captures a screenshot of the application and saves the image to the run

 [Click\\_TKS](#)

This keyword clicks an Image/WebButton/Link/Winbutton/WebElement if the ClickState does not exist, execution will continue.

 [ClickButtonText\\_TKS](#)

This keyword clicks a button on a window that displays the text in the LabelText parameter

 [ClickIfExists\\_TKS](#)

This keyword clicks a Link only if it exists. If it does not exist, execution will continue.

 [ClickLink\\_TKS](#)

This keyword clicks a specified hyperlink.

 [CloseAllBrowsers\\_TKS](#)

This keyword closes all open browsers except for ALM and Outlook.

 [Enter\\_TKS](#)

This keyword optionally enters a value into a field after looking for tags.

 [EnterField\\_TKS](#)

This keyword enters a value into a cell of a table and supports WebEdit, WebList and WebTable data. If the record number or the data value is blank, it will skip the entry and continue. Values are "ON" or "OFF".

 [EnterFieldByIndex\\_TKS](#)

This keyword enters a value into a cell of a table and supports WebEdit, WebList and WebTable data. If the record number or the data value is blank, it will skip the entry and continue. Values are "ON" or "OFF". Optionally enters a value in a specific cell of a web table by index.

 [EnterIfExist\\_TKS](#)

This keyword allows a specified value to be entered into a field only if it exists. If it does not exist, execution will continue.

 [GetRecordByValue\\_TKS](#)

This keyword will Get record based on the searchCriteria, which is "||" separated list of columnNames, ColumnValue pairs separated by ":" and other optional parameters such as searchCriteria to search for the record. Regular expression can be used for the columnValue.

 [NavigateLinkPathNew\\_TKS](#)

This keyword drills down to a matching link in a the specified link path.

 [OptionalClickButtonInCell\\_TKS](#)

This keyword will return column number by searching for a specified value and record number search ("\*") if regular expression is needed. Optionally selects a button in a specified table, if it exists, based on an associated setting of True or False, ON or OFF.

 [OptionalClickLinkInCell\\_TKS](#)

This keyword Optionally selects a link in a specified record and column location in a table based on an associated setting of True or False, ON or OFF. All results are logged in Test Results.

 [OutputToSheet\\_TKS](#)

This keyword retrieves the value from the selected object and outputs it to the specified sheet.

 [OutputValue\\_TKS](#)

This keyword retrieves the value from the selected object and outputs it to the specified sheet.

 [Select\\_TKS](#)

This keyword selects a specified item in a list of values. If no data value is specified, the selection step is skipped and execution will continue.

 [SelectIfExist\\_TKS](#)

This keyword selects a specified item in a list of values only if the specified list exists. If the list does not exist, the selection step is skipped and execution will continue.

 [SelectRadioGroup\\_TKS](#)

This keyword Selects radiogroup item by index depending on data found in the table.

 [Verify\\_TKS](#)

This keyword verifies that the actual value in the link matches the expected value in the data sheet. If the expected value is left empty, this step will be skipped and execution will continue.

 [VerifyField\\_TKS](#)

This keyword verifies a data value specified in a data sheet with a value in a cell in a data sheet.

 [VerifyExists\\_TKS](#)


This keyword verifies that a specified Browser/Page/Frame/Dialog window opens.

 [VerifyFieldByIndex\\_TKS](#)

This keyword verifies a data value specified in a data sheet with a value in a cell in a data sheet.

## CaptureScreenClip\_TKS

This keyword captures a screenshot of the application and saves the image to the run results.

Item	Operation	Input	Output
 Browser	CaptureScreenClip_TKS	"Details"	




### Parameters

#### *Details*

This is the name to give to the image in the run results and is typically a constant value based on the name of the component.






### Example

Here is an example of a component that is using this keyword. The order of the steps are to verify value provided in Modified\_By column of the datasheet from the list of the Modified By SF\_WebElement Field. Then a screen clip will be taken of application and given the title "Lead Assignment Rule Header" in the run results. Next the button with the text provided in the Button\_Label column of the datasheet will be clicked.

 Modified By	Verify_TKS	Parameter("Modified_By")
 Lead Assignment Rule:	CaptureScreenClip_TKS	"Lead Assignment Rule Header"
 Lead Assignment Rule:	ClickButtonText_TKS	Parameter("Button_Label")

## Click\_TKS

This keyword clicks an Image/WebButton/Link/Winbutton/WebElement if the ClickStatus is set to <ON>. If the Image does not exist, execution will continue.

Item	Operation	Input	Output
 Image  WebButton  Link  WinButton  WebElement	Click_TKS	Parameter("OptionalClickStatus")	




### Parameters

#### *OptionalClickStatus*




This is the status of whether to click the Image/WebButton/Link/Winbutton/WebElement or not. If the value is set to <ON>, the Image/WebButton/Link/Winbutton/WebElement will be clicked. If the value is left blank or set to <OFF>, this step is skipped and execution will continue.

### Examples

Here is an example of a component that is using this keyword for object type image. The order of the steps are to verify that the Add Attachment Page is open and then click the Show More Search Options Image if the value provided in the Click\_Status column of the datasheet is set to <ON>. Then the value provided in the Add column of the datasheet will be selected from the list of the Add WebList Field.

 Add Attachment	VerifyExists_TKS	
 Show More Search Options	Click_TKS	Parameter("Click_Status")
 Add	Select_TKS	Parameter("Add")

Here is an example of a component that is using this keyword for object type WebEdit. The order of the steps are to enter the values provided in the Note\_To Buyer and Note\_To\_Supplier columns of the datasheet into the Note To Buyer and Note To Supplier WebEdit Fields. Then the Add Attachment button will be clicked if the value provided in the Click\_Status column of the datasheet is set to <ON>.

 Note To Buyer	Enter_TKS	Parameter("Note_To_Buyer")
 Note To Supplier	Enter_TKS	Parameter("Note_To_Supplier")
 Add Attachment	Click_TKS	Parameter("Click_Status")

Here is an example of a component that is using this keyword for object type link. The order of the steps are to verify that the View Invoices Tab Invoice Details Page is open and then click the Hold Reasons Link if the value provided in the Click\_Status column of the datasheet is set to <ON>. Then the value in the InvoiceDate WebElement Field will be compared to the value provided in the Invoice\_Date column of the datasheet to verify that they are equal.

View Invoices Tab Invoice Details	VerifyExists_TKS	
Hold Reasons	Click_TKS	Parameter("Click_Status")
InvoiceDate	Verify_TKS	Parameter("Invoice_Date")



Here is an example of a component that is using this keyword for object type WebButton. The order of the steps are to select the value provided in the Save\_As\_Type column of the datasheet from the list of the Save as type WinComboBox Field and then click the Save button if it is found in the application. Then the Yes button will be clicked if the value provided in the Click\_Status column of the datasheet is set to <ON>.

Save as type	Select_TKS	Parameter("Save_As_Type")
Save	ClickIfExists_TKS	
Yes	Click_TKS	Parameter("Click_Status")

Here is an example of a component that is using this keyword for object type WebElement. The order of the steps are to verify that the value in the Currency WebElement Field is equal to the value provided in the Currency column of the datasheet and then click the AmmountOrdered WebElement based on the value provided in the Click\_Status column of the datasheet. Next the Global WebElement will be output to the output parameter Global\_Out and saved to the Global\_Out column of the datasheet.

## ClickButtonText\_TKS

This keyword clicks a button on a window that displays the text in the LabelText parameter.

Item	Operation	Input	Output
 Page  Frame	ClickButtonText_TKS	Parameter("Button_Label")	




### Parameters

*ButtonLabel*



This is the label of the button to click. If this value is left blank, this step will be skipped and execution will continue.

### Example

Here is an example of a component that is using this keyword. The order of the steps are first screen clip will be taken of application and given the title "Report Generated Header" in the run results. Next the button with the text provided in the Button\_Label column of the datasheet will be clicked.


 Report Generated	CaptureScreenClip_TKS	"Report Generated Header"
 Report Generated	ClickButtonText_TKS	Parameter("Button_Label")
 Report Generated	ClickLink_TKS	Parameter("Link_Label")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Search and Select List Page is open. Next the button specified by the value provided in the Button\_Label column of the datasheet will be clicked. Then the value provided in the Search\_By column of the datasheet will be selected from the list of the searchBy WebList Field.

 Search and Select List	VerifyExists_TKS	
 Frame	ClickButtonText_TKS	Parameter("Button_Label")
 searchBy	SelectWait_TKS	Parameter("Search_By")

## ClickIfExist\_TKS

This keyword clicks a Link only if it exists. If it does not exist, execution will continue.

Item	Operation	Input	Output
 Link	ClickIfExist_TKS		

### Example



Here is an example of a component that is using this keyword. The order of the steps are to verify that the View Invoices Tab Invoice Details Page is open and then click the Hold Reasons Link if it is found in the application. Then the value in the InvoiceDate WebElement Field will be compared to the value provided in the Invoice\_Date column of the datasheet to verify that they are equal.

 View Invoices Tab Invoice Details	VerifyExists_TKS	
 Hold Reasons	ClickIfExist_TKS	
 InvoiceDate	Verify_TKS	Parameter("Invoice_Date")



## ClickLink\_TKS

This keyword clicks a specified hyperlink.

Item	Operation	Input	Output
 Page  Frame	ClickLink_TKS	Parameter("linktext")	



### Parameters

*linktext*




This is the text identifying the hyperlink to click.

### Examples

Here is an example of a component that is using this keyword for object type page. The order of the steps are to select the value provided in the Tax\_Format column of the datasheet from the list of the Tax Format WebList. If the value isn't found at first, the More button will be clicked and the value will be searched for in the column provided in the Search\_Value column of the datasheet. Next the Show More Search Options browser will be closed if it is found open and then the Link that is provided in the Link column of the datasheet will be clicked.


 Tax Format	SelectMore_TKS	Parameter("Tax_Format"),Parameter("Search_Value")
 Show More Search Options	ClosetExist_TKS	
 Template Management Tab Create Template: General Information	ClickLink_TKS	Parameter("Link")

Here is an example of a component that is using this keyword for object type frame. The order of the steps are to verify that the Search and Select List Page is open. Next the link specified by the value provided in the Link\_Text column of the datasheet will be clicked. Then the value provided in the Search\_By column of the datasheet will be selected from the list of the searchBy WebList Field.

 Search and Select List	VerifyExists_TKS	
 Frame	ClickLink_TKS	Parameter("Link_Text")
 searchBy	SelectWait_TKS	Parameter("Search_By")

## CloseAllBrowsers\_TKS





This keyword closes all open browsers except for ALM and Outlook.

Item	Operation	Input	Output
 Operation	CloseAllBrowsers_TKS		

### Example

## Enter\_TKS

This keyword optionally enters a value into a field after looking for tags.

Item	Operation	Input	Output
 SF_WebEdit	Enter_TKS	Parameter("DataValue")	
 WebEdit			
 WebFile			
 WinEdit			

### Parameters

#### DataValue

This is the tag or value to enter into the field and is typically a component parameter with the value being taken from the datasheet at runtime.

Some Useful Tags:




<CLEAR> = clear out the value currently in that cell.

blank "" = skip entry and continue execution.




<UniqueID> = Tag is replaced with a uniquely generated number.

### Examples




Here is an example of a component that is using this keyword for object type SF\_WebEdit. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit Field and then check or uncheck the Payment SF\_WebCheckBox based on the value provided in the Payment column of the datasheet. Then the value provided in the State column of the datasheet will be selected from the list of the State SF\_WebList Field.

 County	Enter_TKS	Parameter("County")
 Payment	Select_TKS	Parameter("Payment")
 State	Select_TKS	Parameter("State")




Here is an example of a component that is using this keyword for object type for object type WebEdit. The order of the steps are to verify that the Template Management Tab Create Template: General Information Page is open. Then the values provided in the Template\_Name and Template\_Description columns of the datasheet will be entered into the Template Name and Template Description WebEdit Fields.

 Template Management Tab Create Template: General Information	VerifyExists_TKS	
 Template Name	Enter_TKS	Parameter("Template_Name")
 Template Description	Enter_TKS	Parameter("Template_Description")

Here is an example of a component that is using this keyword for object type WebFile. The order of the steps are to enter the value provided in the Note\_To\_Supplier column of the datasheet into the Note To Supplier WebFile Field. Then a screen clip will be taken of application and given the title "Bill Presentment Template" in the run results. Next the Image that is provided in the Button\_Label column of the datasheet will be selected.


 Note To Supplier	Enter_TKS	Parameter("Note_To_Supplier")
 Bill Presentment Template	CaptureScreenClip_TKS	"Bill Presentment Template "
 Checkout Approvers	SelectImage_TKS	Parameter("Button_Label")

Here is an example of a component that is using this keyword for object type WinEdit. The order of the steps are to verify that the Save As Dialog is open and then enter the value provided in the File\_Path\_Name column of the datasheet into the File name WinEdit Field. Then the value provided in the Save\_As\_Type column of the datasheet will be selected from the list of the Save as type WinComboBox Field.

 Save As	VerifyExists_TKS	
 File name	Enter_TKS	Parameter("File_Path_Name")
 Save as type	Select_TKS	Parameter("Save_As_Type")

## EnterField\_TKS

This keyword enters a value into a cell of a table and supports WebEdit, WebList and WebCheckBox controls for entering data. If the record number or the data value is blank, it will skip the entry and continue with execution. Check box cell values are "ON" or "OFF".

Item	Operation	Input	Output
 SF_WebTable	EnterField_TKS	LocalParameter("Record_Number"), "ColumnName", Parameter("DataValue")	

### Parameters

#### *RecordNumber*

This is the record number into which to enter data. Use "New" to select the next new record location.

#### *ColumnName*




This is the name of the column into which to enter data.

#### *DataValue*



This is the data value to enter into the cell. If the cell is a check box, use the values of "ON", "OFF", TRUE, FALSE, vbTrue, or vbFalse. If the cell is to be cleared, use <CLEAR> as the value.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the Template\_Name column of the datasheet into the cell of the record provided by the LocalParameter("Record\_Number") and the Template Name column of the Template Name WebTable. Next the value provided in the Transaction\_Class column of the datasheet into the cell of the index provided by the Index column of the datasheet, the record provided by the LocalParameter("Record\_Number") and the Transaction\_Class column of the Template Name WebTable. Then the button with the label provided in the Button column of the datasheet will be clicked until the value in the cell of the record provided by the LocalParameter("Record\_Number") and the Template Status column of the Template Name WebTable is equal to the value provided in the Template\_Status column of the datasheet. The button will be clicked until the values are equal or the number of seconds provided in the Max\_Seconds column of the datasheet has passed. If the values are not equal in the time given, the component will fail.


 Template Name	EnterField_TKS	LocalParameter("Record_Number"),"Template Name",Parameter("Template_Name")
 Template Name	EnterFieldByIndex_TKS	LocalParameter("Record_Number"),"Transaction Class",Parameter("Transaction_Class"),Parameter("Index")
 Template Name	ClickButtonTillCellEquals_TKS	LocalParameter("Record_Number"),"Template Status",Parameter("Button"),Parameter("Template_Status"),Parameter("Max_Seconds")

Here is an example of a component that is using this keyword for a SF\_webtable type object. The order of the steps are verify Lead Assignment Rule Page, next enter value provided in the Action column of the datasheet into the cell of the record provided by the LocalParameter("Record\_Number") and the Action column of the RuleEntry Table SF\_WebTable

 Lead Assignment Rule	VerifyExists_TKS	
 RuleEntryTable	EnterField_TKS	LocalParameter("Record_Number"), "Action", Parameter("Action")

## EnterFieldByIndex\_TKS

This keyword enters a value into a cell of a table and supports WebEdit, WebList and WebCheckBox controls for entering data. If the record number or the data value is blank, it will skip the entry and continue with execution. Check box cell values are "ON" or "OFF". Optionally enters a value in a specific cell of a web table by index starting from zero.

Item	Operation	Input	Output
 SF_WebTable	EnterFieldByIndex_TKS	LocalParameter("Record_Number"), "ColumnName", Parameter("DataValue"), Parameter("index_val")	

### Parameters

#### *RecordNumber*

This is the record number into which to enter data. Use "New" to select the next new record location.

#### *ColumnName*

This is the name of the column into which to enter data.

#### *DataValue*




This is the data value to enter into the cell. If the cell is a check box, use the values of "ON", "OFF", TRUE, FALSE, vbTrue, or vbFalse. If the cell is to be cleared, use <CLEAR> as the value.

#### *Index\_Val*

Index of the web control found inside the table cell starting with 0.



### Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the Template\_Name column of the datasheet into the cell of the record provided by the LocalParameter("Record\_Number") and the Template Name column of the Template Name WebTable. Next the value provided in the Transaction\_Class column of the datasheet into the cell of the index provided by the Index column of the datasheet, the record provided by the LocalParameter("Record\_Number") and the Transaction\_Class column of the Template Name WebTable. Then the button with the label provided in the Button column of the datasheet will be clicked until the value in the cell of the record provided by the LocalParameter("Record\_Number") and the Template Status column of the Template Name WebTable is equal to the value provided in the Template\_Status column of the datasheet. The button will be clicked until the values are equal or the number of seconds provided in the Max\_Seconds column of the datasheet has passed. If the values are not equal in the time given, the component will fail.

 Template Name	EnterField_TKS	LocalParameter("Record_Number"),"Template Name",Parameter("Template_Name")
 Template Name	EnterFieldByIndex_TKS	LocalParameter("Record_Number"),"Transaction Class",Parameter("Transaction_Class"),Parameter("Index")
 Template Name	ClickButtonTillCellEquals_TKS	LocalParameter("Record_Number"),"Template Status",Parameter("Button"),Parameter("Template_Status"),Parameter("Max_Seconds")

## EnterIfExist\_TKS

This keyword allows a specified value to be entered into a field only if it exists. If it does not exist, execution will continue.

Item	Operation	Input	Output
 SF_WebEdit			
 WebEdit	EnterIfExist_TKS	Parameter("DataValue")	

### Parameters

#### *DataValue*

This is the tag or value to enter into the field and is typically a component parameter with the value being taken from the datasheet at runtime.

Some Useful Tags:




<CLEAR> = clear out the value currently in that cell.

blank "" = skip entry and continue execution.




<UniqueID> = Tag is replaced with a uniquely generated number.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit field if it is found in the application. Then it will be verified that the Payment SF\_WebCheckBox has a default value. Next the partial value provided in the State column of the datasheet will be selected from the list of the State SF\_WebList Field.

 County	EnterIfExist_TKS	Parameter("County")
 Payment	VerifyDefault_TKS	
 State	SelectSubString_TKS	Parameter("State")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Configuration Tab Search Hyperlink Page is open. Then the value provided in the Hyperlink\_Name column of the datasheet will be entered in the Hyperlink Name WebEdit field that has the index that is provided in the Index column of the datasheet. Next the value provided in the Hyperlink\_Description column of the datasheet will be entered into the Hyperlink Description WebEdit field if it is found in the application.



 Configuration Tab Search Hyperlink	VerifyExists_TKS	
 Hyperlink Name	EnterByIndex_TKS	Parameter("Hyperlink_Name"),Parameter("Index")
 Hyperlink Description	EnterIfExist_TKS	Parameter("Hyperlink_Description")

## GetRecordByValue\_TKS

This keyword will Gets record based on the searchCriteria, which is "|" separated list of values, having columnName,ColumnValue pairs separated by "::" and other optional parameters such as isText, startrow, and maxpages to search for the record. Regular expression can be used for the columnValue.

Example of SearchCriteria:

Example "ColumnName1::ColumnValue1.\*|regex||ColumnName2::ColumnValue2||isText::true||startRow::1||maxPages::3"

Item	Operation	Input	Output
 WebTable  SF_WebTable	GetRecordByValue_TKS	Parameter("SearchCriteria ")	LocalParameter("Record_Number")

### Parameters

SearchCriteria

It consists of columnName, Value pairs and other optional parameters separated by a "|". Any number of columnName::Value pairs can be provided. isText, startrow and maxpages can be specified, but are optional.

Example. "ColumnName1::ColumnValue1.\*|regex||isText::true||startRow::1||maxPages::3"

ColumnName1

This is the name of the column into which to enter data.

ColumnValue1





This is the data value to enter into the cell. If the cell is a check box, use the values of "ON", "OFF", TRUE, FALSE, vbTrue, or vbFalse. If the cell is to be cleared, use <CLEAR> as the value.

### Return Values

This keyword will return a web table record number based on the searched value in a specified column.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to Verify Salesforce Opportunities page opens. Then the next steps are to find the row with the cell value provided in SearchCriteria column of the datasheet. The row number will be saved in the LocalParameter Record\_Number. Then enter the value provided in the "AllBox" column of the datasheet into the cell of the record provided by the LocalParameter("Record\_Number") and the "AllBox" column of the "Opportunities Viewport" SF\_WebTable.

 Opportunities ~ salesforc...	VerifyExists_TKS		
 Opportunities Viewport	GetRecordByValue_TKS	Parameter("Search_Criteria")	LocalParameter("Record_Number")
 Opportunities Viewport	EnterField_TKS	LocalParameter("Record_Number"),"allBox",Parameter("all...	
 Opportunities Viewport	EnterField_TKS	LocalParameter("Record_Number"),"Action",Parameter("A...	

Here is an example of a component that is using this keyword. The order of the steps are to find the row with the cell value provided in SearchCriteria column of the datasheet. The row number will be saved in the LocalParameter





Record\_Number. Then enter the value provided in the "Title" column of the datasheet into the cell of the record provided by the LocalParameter("Record\_Number") and the "Title" column of the "Dashboard" WebTable.

Dashboard	GetRecordByValue_TKS	Parameter("Search_Criteria")	LocalParameter("Record_Number")
Dashboard	GetCellColumn_TKS	LocalParameter("Record_Number"),Parameter("Title")	Parameter("Column_Number")

## NavigateLinkPathNew\_TKS

This keyword drills down to a matching link in a the specified link path.

Item	Operation	Input	Output
 Page  Frame	NavigateLinkPathNew_TKS	Parameter("LinkPath")	

### Parameters

*LinkPath*

This is the link path of the link to be clicked.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to verify "Salesforce - Professional" browser, then the link specified by the values provided in the Link\_Path and Index columns of the datasheet will be clicked.


 Salesforce - Professional	VerifyExists_TKS	
 Salesforce - Professional	NavigateLinkPath_TKS	Parameter("Link_Path")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Search and Select List Page is open. Next the link specified by the values provided in the Link\_Path columns of the datasheet will be clicked.

 Search and Select List	VerifyExists_TKS	
 Frame	NavigateLinkPath_TKS	Parameter("Link_Path")

## OptionalClickButtonInCell\_TKS

This keyword will return column number by searching for a specified value and record number. Supports a wild-card search ("\*") if regular expression is needed. Optionally selects a button in a specified record and column location in a table, if it exists, based on an associated setting of True or False, ON or OFF.

Item	Operation	Input	Output
 WebTable	OptionalClickButtonInCell_TKS	LocalParameter("Record_Number"), "ColumnName", Parameter("OptionalClickStatus")	

### Parameters

#### *RecordNumber*

This is the record number into which to enter data. Use "New" to select the next new record location.

#### *ColumnName*




This is the name of the column into which to enter data.

#### *OptionalClickStatus*

This is the status of whether to click the Image or not. If the value is set to <ON>, the Image will be clicked. If the value is left blank or set to <OFF>, this step is skipped and execution will continue.


### Example

Here is an example of a component that is using this keyword. Optionally selects a button in a specified record and column location in a table, if it exists, based on an associated setting of True or False, ON or OFF.

 Change ...	GetRecordByValue_TKS	"Line",Parameter("Line"),False	LocalParameter("Record_Number")
 Change ...	OptionalClickButtonInC...	LocalParameter("Record_Number"),"Need-By","<ON>"	
 Change ...	VerifyField_TKS	LocalParameter("Record_Number"),"Need-By",Parameter("Need-By")	

## OptionalClickLinkInCell\_TKS

This keyword Optionally selects a link in a specified record and column location in a table, if it exists, based on an associated setting of True or False, ON or OFF. All results are logged in Test Results.

Item	Operation	Input	Output
 WebTable	OptionalClickLinkInCell_TKS	LocalParameter("Record_Number"), "ColumnName", Parameter("OptionalClickStatus")	

### Parameters

#### *RecordNumber*

This is the record number into which to enter data. Use "New" to select the next new record location.

#### *ColumnName*





This is the name of the column into which to enter data.

#### *OptionalClickStatus*




This is the status of whether to click the Link or not. If the value is set to <ON>, the Link will be clicked. If the value is left blank or set to <OFF>, this step is skipped and execution will continue.

### Example

Here is an example of a component that is using this keyword. Optionally selects a link in a specified record and column location in a WebTable, if it exists, based on an associated setting of True or False, ON or OFF. All results are logged in Test Results.










 Change Order Review an...	VerifyExists_TKS		
 Change Requisition Details	GetRecordByValueMultiplePag...	"Line",Parameter("Line"),"False","NextTableObj","N...	LocalParameter("Record_Number")
 Change Requisition Details	OptionalClickLinkInCell_TKS	LocalParameter("Record_Number"),"Link","ON"	
 Change Requisition Details	VerifyField_TKS	LocalParameter("Record_Number"),"Order Type",Pa...	

Here is an example of a component that is using this keyword. Optionally selects a link named "Action" in a specified record and column location in a SF\_WebTtable, if it exists, based on an associated setting of True or False, ON or OFF. All results are logged in Test Results.

 Contact Details	VerifyExists_TKS		
 Notes & Attachments	GetRecordByValue_TKS	Parameter("Search_Criteria")	LocalParameter("Record_Number")
 Notes & Attachments	OptionalClickLinkInCell_TKS	LocalParameter("Record_Number"),"Action",<TRUE>	

## OutputToSheet\_TKS

This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.

Item	Operation	Input	Output
 Link  SF_WebElement  SF_WebList  WebList  SF_WebEdit  WebEdit  WebFile  SF_WebCheckBox  WebCheckBox	OutputToSheet_TKS	"SheetColumnName"	Parameter("SheetColumnName")

### Parameters

*SheetColumnName*

This is the name of the column header in the datasheet to receive the output data. This needs to match the output parameter name.

### Return Values




This keyword will return the data retrieved from the object and save it into the column in the spreadsheet.

### Example




Here is an example of a component that is using this keyword. The order of the steps are to verify that the Configuration Tab Page is open and then output the Hold Reasons Link to the Hold\_Reasons\_Out output parameter and save it to the Hold\_Reasons\_Out column of the datasheet. Then the value in the InvoiceDate WebElement Field will be compared to the value provided in the Invoice\_Date column of the datasheet to verify that they are equal.

 Configuration Tab	VerifyExists_TKS		
 Hold Reasons	OutputToSheet_TKS	"Hold_Reasons_Out"	Parameter("Hold_Reasons_Out")
 InvoiceDate	Verify_TKS	Parameter("Invoice_Date")	




Here is an example of a component that is using this keyword. The order of the steps are to verify that the value in the Currency SF\_WebElement Field is equal to the value provided in the Currency column of the datasheet and then click the AmountOrdered SF\_WebElement based on the value provided in the Click\_Status column of the datasheet. Next the Global SF\_WebElement will be output to the output parameter Global\_Out and saved to the Global\_Out column of the datasheet.

 Currency	Verify_TKS	Parameter("Currency")	
 AmountOrdered	Click_TKS	Parameter("Click_Status")	
 Global	OutputToSheet_TKS	"Global_Out"	Parameter("Global_Out")




Here is an example of a component that is using this keyword. The order of the steps are to output the County SF\_WebEdit to the output parameter County\_Out and save it to the County\_Out column of the datasheet. Then the Payment SF\_WebCheckBox will be output to the output parameter Payment\_Out and save it to the Payment\_Out column of the datasheet. Next the State SF\_WebList will be output to the output parameter State\_Out and save it to the State\_Out column of the datasheet.

 County	OutputToSheet_TKS	"County_Out"	Parameter("County_Out")
 Payment	OutputToSheet_TKS	"Payment_Out"	Parameter("Payment_Out")
 State	OutputToSheet_TKS	"State_Out"	Parameter("State_Out")




Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the Template\_Description column of the datasheet into the Template Description WebEdit Field. Then the Transaction Class WebList will be output to the output parameter Transaction\_Class\_Out and saved to the Transaction\_Class\_Out column of the datasheet. Next the value provided in the Primary\_Data\_Source column of the datasheet will be selected from the list of the Primary Data Source WebList.

 Template Description	Enter_TKS	Parameter("Template_Description")	
 Transaction Class	OutputToSheet_TKS	"Transaction_Class_Out"	Parameter("Transaction_Class_Out")
 Primary Data Source	Select_TKS	Parameter("Primary_Data_Source")	




Here is an example of a component that is using this keyword. The order of the steps are to output the County SF\_WebEdit to the output parameter County\_Out and save it to the County\_Out column of the datasheet. Then the Payment SF\_WebCheckBox will be output to the output parameter Payment\_Out and save it to the Payment\_Out column of the datasheet. Next the State SF\_WebList will be output to the output parameter State\_Out and save it to the State\_Out column of the datasheet.

 County	OutputToSheet_TKS	"County_Out"	Parameter("County_Out")
 Payment	OutputToSheet_TKS	"Payment_Out"	Parameter("Payment_Out")
 State	OutputToSheet_TKS	"State_Out"	Parameter("State_Out")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Configuration Tab Search Hyperlink Page is open. Then the value provided in the Hyperlink\_Name column of the datasheet will be entered in the Hyperlink Name WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Next the Hyperlink Description WebEdit will be output to the output parameter Hyperlink\_Description\_Out and save it to the Hyperlink\_Description\_Out column of the datasheet.



 Configuration Tab Search Hyperlink	VerifyExists_TKS		
 Hyperlink Name	EnterMoreSlow_TKS	Parameter("Hyperlink_Name"),Parameter("Search_By")	
 Hyperlink Description	OutputToSheet_TKS	"Hyperlink_Description_Out"	Parameter("Hyperlink_Description_Out")

Here is an example of a component that is using this keyword. The order of the steps are to output the NoteToSupplier WebFile to the output parameter NoteToSupplier\_Out and save it to the NoteToSupplier\_Out column of the datasheet.



 Note To Supplier	OutputToSheet_TKS	"Note_To_Supplier_Out"	Parameter("Note_To_Supplier_Out")
 Oracle iProcurement	CaptureScreenClip_TKS	"Oracle iProcurement: Checkout"	
 Checkout Approvers	SelectImage_TKS	Parameter("Button_Label")	

Here is an example of a component that is using this keyword. The order of the steps are to output the County SF\_WebEdit to the output parameter County\_Out and save it to the County\_Out column of the datasheet. Then the Payment SF\_WebCheckBox will be output to the output parameter Payment\_Out and save it to the Payment\_Out column of the

datasheet. Next the State SF\_WebList will be output to the output parameter State\_Out and save it to the State\_Out column of the datasheet.


 County	OutputToSheet_TKS	"County_Out"	Parameter("County_Out")
<input checked="" type="checkbox"/> Payment	OutputToSheet_TKS	"Payment_Out"	Parameter("Payment_Out")
 State	OutputToSheet_TKS	"State_Out"	Parameter("State_Out")

Here is an example of a component that is using this keyword. The order of the steps are to select the value provided in the Search\_By column of the datasheet from the list of the Search\_By WebList Field and then enter the value provided in the Search\_Keyword column of the datasheet into the Search Keyword WebEdit Field. Then the Show All Sites checkbox will be output to the Show\_All\_Sites\_Out output parameter and saved to the Show\_All\_Sites\_Out column of the datasheet.

 Search By	Select_TKS	Parameter("Search_By")	
 Search Keyword	Enter_TKS	Parameter("Search_Keyword")	
<input checked="" type="checkbox"/> Show All Sites	OutputToSheet_TKS	"Show_All_Sites_Out"	Parameter("Show_All_Sites_Out")

## OutputValue\_TKS

This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.

Item	Operation	Input	Output
 WebTable	OutputValue_TKS	LocalParameter("RecordNumber"), "ColumnName", "SheetColumnName"	Parameter("SheetColumnName")

### Parameters

#### *RecordNumber*

This is the record number(row) of the cell containing the data to be output.

#### *ColumnName*

This is the column name or index of the cell containing the data to be output.

#### *SheetColumnName*





This is the name of the column header in the spreadsheet to receive the output data. This does not have to match the output parameter name, although in most cases it is preferred.

### Return Values

This keyword will return the data retrieved from the object and save it into the column in the spreadsheet.

### Example








Here is an example of a component that is using this keyword. The order of the steps are to find the row with the cell value provided in the Search\_Value column of the datasheet under the column provided in the Search\_Column column of the datasheet. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out. Then Capture the value from Need-by column and RecordNumber row of Webtable <Test Object Type> and store it into Need\_by\_Out column of spreadsheet.

 Change ...	VerifyExists_TKS		
 Change ...	GetRecordBy3Va...	"Line",Parameter("Line"),"False","Description",Parameter("De...	LocalParameter("Record_Number")
 Change ...	VerifyField_TKS	LocalParameter("Record_Number"),"Order Type",Parameter(...	
 Change ...	OutputValue_TKS	LocalParameter("Record_Number"),"Need-By","Need_By_Out"	Parameter("Need_By_Out")



## Select\_TKS

This keyword selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 WebList	Select_TKS	Parameter("DataValue")	
 SF_WebList			
 WinComboBox			
 WebRadioGroup			
 SF_WebRadioGroup			
 WebCheckBox	Select_TKS	Parameter("checkboxstatus")	
 SF_WebCheckBox			

### Parameters

*DataValue* (WebList,webList , WinComboBox)

This is the item to select from the list of values and is typically a component parameter with the value being taken from the datasheet at runtime. Note: This will still work even if there are spaces in front of the value provided.

*DataValue* (radiobutton)




This is the radiobutton to select from the WebRadioGroup.

*Checkboxstatus* (WebCheckBox)




This is the status to set the checkbox to and is typically a component parameter with the value being taken from the datasheet at runtime. If the value is set to <ON>, the checkbox will be checked. If the value is set to <OFF>, the checkbox will be unchecked.

### Example




Here is an example of a component that is using this keyword. The order of the steps are to select the value provided in the Tax\_Format column of the datasheet from the list of the Tax Format WebList Field. Then a screen clip will be taken of application and given the title "Template Management Tab Create Template General Information Header" in the run results. Next the button with the text provided in the Button\_Label column of the datasheet will be clicked.

 Tax Format	Select_TKS	Parameter("Tax_Format")
 Template Management Tab	CaptureScreenClip_TKS	"Template Management Tab Create Template General Information Header"
 Template Management Tab Create Template: General Information	ClickButtonText_TKS	Parameter("Button_Label")




Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County WebEdit Field and then check or uncheck the Payment WebCheckBox based on the value provided in the Payment column of the datasheet. Then the value provided in the State column of the datasheet will be selected from the list of the State WebList Field.

 County	Enter_TKS	Parameter("County")
 Payment	Select_TKS	Parameter("Payment")
 State	Select_TKS	Parameter("State")




Here is an example of a component that is using this keyword. The order of the steps are to verify that the Save As Dialog is open and then enter the value from the File\_Path\_Name column of the datasheet into the File name WinEdit Field. Then the value in the Save\_As\_Type column of the datasheet will be selected from the list of the Save as type WinComboBox Field.

 Save As	VerifyExists_TKS	
 File name	Enter_TKS	Parameter("File_Path_Name")
 Save as type	Select_TKS	Parameter("Save_As_Type")




Here is an example of a component that is using this keyword. The order of the steps are to verify that the Advanced Search Page is open. Then the radiobutton with the label provided in the Advanced\_Search\_Radio\_Group column of the datasheet will be selected. Next the value provided in the Operating\_Unit\_List column of the datasheet will be selected from the list of the Operating Unit List WebList Field.

 Advanced Search	VerifyExists_TKS	
 Advanced Search RadioGroup	Select_TKS	Parameter("Advanced_Search_Radio_Group")
 Operating Unit List	Select_TKS	Parameter("Operating_Unit_List")

Here is an example of a component that is using this keyword. The order of the steps are to select the value provided in the Search\_By column of the datasheet from the list of the Search\_By WebList Field and then enter the value provided in the Search\_Keyword column of the datasheet into the Search Keyword WebEdit Field. Then the Show All Sites checkbox will be checked or unchecked based on the value provided in the Show\_All\_Sites column of the datasheet.




 Search By	Select_TKS	Parameter("Search_By")
 Search Keyword	Enter_TKS	Parameter("Search_Keyword")
 Show All Sites	Select_TKS	Parameter("Show_All_Sites")

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County WebEdit Field and then check or uncheck the Payment WebCheckBox based on the value provided in the Payment column of the datasheet. Then the value provided in the State column of the datasheet will be selected from the list of the State WebList Field.

 County	Enter_TKS	Parameter("County")
 Payment	Select_TKS	Parameter("Payment")
 State	Select_TKS	Parameter("State")

## SelectIfExist\_TKS

This keyword selects a specified item in a list of values only if the specified list exists. If no data value is specified, this step is skipped and execution will continue.

Item	Operation	Input	Output
 SF_WebList  WebList  WebRadioGroup	SelectIfExist_TKS	Parameter("DataValue")	

### Parameters

*DataValue* (WebList / SF\_WebList)

This is the item to select from the list of values, if list exists.

*DataValue* (WebRadioGroup)

This is the radiobutton to select from the WebRadioGroup.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to copy the values from the DataFile and DataSheet provided in the DataFile and DataSheet columns of the datasheet and paste it into the County SF\_WebEdit Field. Then the Payment SF\_WebCheckBox will be checked or unchecked based on the value provided in the Payment column of the datasheet only if the checkbox is found in the application. Next the value provided in the State column of the datasheet will be selected from the list of the State SF\_WebList Field only if the field is found in the application.

 County	CopyFromExcel_TKS	Parameter("DataFile"),Parameter("DataSheet")
 Payment	SelectCheckBoxIfExist_TKS	Parameter("Payment")
 State	SelectIfExist_TKS	Parameter("State")

Here is an example of a component that is using this keyword. The order of the steps are to select the value provided in the Tax\_Format column of the datasheet from the list of the Tax Format WebList Field if it is found in the application and it will be verified that the Template Management Tab Browser is open. Then the button with the text and index provided in the Button\_Label and Index columns of the datasheet will be clicked.


 Tax Format	SelectIfExist_TKS	Parameter("Tax_Format")
 Template Management Tab	VerifyExists_TKS	
 Template Management Tab Create Template: General Information	ClickButtonTextByIndex_TKS	Parameter("Button_Label"),Parameter("Button_Index")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Advanced Search Page is open. Then the radiobutton with the label provided in the Advanced\_Search\_Radio\_Group column of the datasheet will be selected if it is found in the application. Next the value provided in the Operating\_Unit\_List column of the datasheet will be selected from the list of the Operating Unit List WebList Field.

Advanced Search	VerifyExists_TKS	
Advanced Search RadioGroup	SelectIfExist_TKS	Parameter("Advanced_Search_Radio_Group")
Operating Unit List	Select_TKS	Parameter("Operating_Unit_List")

## SelectRadioGroup\_TKS

This keyword Selects radiogroup item by index depending on data found in the table.

Item	Operation	Input	Output
 WebTable	SelectRadioGroup_TKS	Parameter("SearchTable "), Parameter("ColumnName"), Parameter("DataValue"), Parameter("RadioGroupColumnName")	

### Parameters

#### *SearchTable*

Table in which to search for radio group item.

#### *ColumnName*

Column in the specified table to search for radio group item.

#### *DataValue*

Partial value of the link to click in the target table.

#### *RadioGroupColumnName*

Column that contains radiogroup.

### Example

Here is an example of a component that is using this keyword. Select radiogroup item by index in RadioGroupColumnName column and record number found by searching for DataValue in ColumnName column of Table.










```

Leads
Leads
VerifyExists_TKS
SelectRadioGroup_TKS LocalParameter("Record_Number"),Parameter("Search"),Parameter("From"),2

```

## Verify\_TKS

This keyword verifies that the actual value in the link matches the expected value in the datasheet. If the expected value is left empty, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 Link	Verify_TKS	Parameter("DataValue")	
 WebElement			
 SF_WebList			
 WebList			
 SF_WebEdit			
 WebEdit			
 WebFile			
 SF_WebCheckBox			
 WebCheckBox			

### Parameters

*DataValue*




This is the expected value of the field and typically a component parameter with the value being taken from the datasheet at runtime.

### Example

Here is an example of a component that is using this keyword for a Link type object. The order of the steps are to verify that the View Invoices Tab Invoice Details Page is open and then verify the status of the Hold Reasons Link is equal to the value provided in the Hold\_Reason column of the datasheet. Then the value in the InvoiceDate WebElement Field will be compared to the value provided in the Invoice\_Date column of the datasheet to verify that they are equal.

 View Invoices Tab Invoice Details	VerifyExists_TKS	
 Hold Reasons	Verify_TKS	Parameter("Hold_Reason")
 InvoiceDate	Verify_TKS	Parameter("Invoice_Date")

Here is an example of a component that is using this keyword for an webelement type object. The order of the steps are to verify that the value in the ApprovedDate WebElement Field is equal to the value provided in the Approved\_Date column of the datasheet and then verify that the Supplier WebElement has a default value. Next the value in the Currency WebElement will be examined and if it contains the text from the Left\_String and Right\_String columns of the datasheet. If it contains the values, the value will be compared to the value provided in the Currency column of the datasheet.

 ApprovedDate	Verify_TKS	Parameter("Approved_Date")
 Supplier	VerifyDefault_TKS	
 Currency	VerifyPartialText_TKS	Parameter("Left_String"),Parameter("Right_String"),Parameter("Currency")

Here is an example of a component that is using this keyword for a SF\_WebCheckBox type object. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Then the status of the Payment SF\_WebCheckBox will be

verified against the value provided in the Payment column of the datasheet. Next the value provided in the State column of the datasheet will be verified against the value in the State\_SF\_WebList Field.

County	EnterMoreSlow_TKS	Parameter("County"),Parameter("Search_By")
Payment	Verify_TKS	Parameter("Payment")
State	Verify_TKS	Parameter("State")

Here is an example of a component that is using this keyword for a WebList type object. The order of the steps are to verify that the Supplementary Data Source WebList Field has a default value and then verify that the value provided in the Tax\_Format column of the datasheet is equal to the value in the Tax Format WebList Field. Next the value provided in the Search\_Value column of the datasheet will be searched for in the location provided by the values provided in the add\_x and add\_y columns of the datasheet and then the link provided in the Link column of the datasheet will be clicked.

Supplementary Data Source	VerifyDefault_TKS	
Tax Format	Verify_TKS	Parameter("Tax_Format")
Template Management Tab Create Template: General Information	SearchAndClickLink_TKS	Parameter("Search_Value"),Parameter("add_x"),Parameter("add_y"),Parameter("Link")

Here is an example of a component that is using this keyword for a SF\_WebEdit type object. The order of the steps are to verify that the value provided in the County column of the datasheet is equal to the value in the County\_SF\_WebEdit field. Then the status of the Payment\_SF\_WebCheckBox will be verified against the value provided in the Payment column of the datasheet. Next it will be verified that the value in the State\_SF\_WebList Field is equal to the value provided in the State column of the datasheet.

County	Verify_TKS	Parameter("County")
Payment	Verify_TKS	Parameter("Payment")
State	Verify_TKS	Parameter("State")

Here is an example of a component that is using this keyword for a WebEdit type object. The order of the steps are to verify that the Configuration Tab Search Hyperlink Page is open. Then it will be verified that the Hyperlink Name WebEdit field has a default value. Next it will be verified that the value provided in the Hyperlink\_Description column of the datasheet is equal to the value in the Hyperlink Description WebEdit field.

Configuration Tab Search Hyperlink	VerifyExists_TKS	
Hyperlink Name	VerifyDefault_TKS	
Hyperlink Description	Verify_TKS	Parameter("Hyperlink_Description")




Here is an example of a component that is using this keyword for a WebFile type object. The order of the steps are to verify that Note\_To\_Supplier WebFile field will be verified that the value provided in the that Note\_To\_Supplier column of the datasheet is equal to the value in the that Note\_To\_Supplier WebFile field.

Note To Supplier	Verify_TKS	Parameter("Note_To_Supplier")
Payment	CaptureScreenClip_TKS	"Oracle iProcurement: Checkout"
Checkout Approvers	SelectImage_TKS	Parameter("Button_Label")

Here is an example of a component that is using this keyword for a SF\_WebCheckBox type object. The order of the steps are to enter the value provided in the County column of the datasheet into the County\_SF\_WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Then the status of the Payment\_SF\_WebCheckBox will be verified against the value provided in the Payment column of the datasheet. Next the value provided in the state column of the datasheet will be selected from the list of the State\_SF\_WebList Field.

 County	EnterMore_TKS	Parameter("County"),Parameter("Search_By")
 Payment	Verify_TKS	Parameter("Payment")
 State	SelectWait_TKS	Parameter("State")





Here is an example of a component that is using this keyword for a WebCheckBox type object. The order of the steps are to enter the value provided in the Search\_Keyword column of the datasheet into the Search Keyword WebEdit Field and then the Show All Sites checkbox status will be compared to the value provided in the Show\_All\_Sites column of the datasheet to verify that they are equal. Next the Search By Name or Number checkbox will be examined to verify if it has a default value or not.

 Search Keyword	Enter_TKS	Parameter("Search_Keyword")
 Show All Sites	Verify_TKS	Parameter("Show_All_Sites")
 Search By Name or Number	VerifyDefault_TKS	





## VerifyExists\_TKS

This keyword verifies that a specified Browser/Page/Frame/Dialog window opens.




Item	Operation	Input	Output
 Browser  Page  Frame  Dialog	VerifyExists_TKS		

### Examples




Here is an example of a component that is using this keyword for a browser type object. The order of the steps are to select the value provided in the Tax\_Format column of the datasheet from the list of the Tax Format WebList Field if it is found in the application and it will be verified that the Presentment Template Management Tab Browser is open. Then the button with the text and index provided in the Button\_Label and Index columns of the datasheet will be clicked.

 Tax Format	SelectIfExist_TKS	Parameter("Tax_Format")
 Presentment Template Management Tab	VerifyExists_TKS	
 Template Management Tab Create Template: General Information	ClickButtonTextByIndex_TKS	Parameter("Button_Label"),Parameter("Button_Index")




Here is an example of a component that is using this keyword for a page type object. The order of the steps are to verify that the Template Management Tab Create Template: General Information Page is open. Then the values provided in the Template\_Name and Template\_Description columns of the datasheet will be entered into the Template Name and Template Description WebEdit Fields.

 Template Management Tab Create Template: General Information	VerifyExists_TKS	
 Template Name	Enter_TKS	Parameter("Template_Name")
 Template Description	Enter_TKS	Parameter("Template_Description")

Here is an example of a component that is using this keyword for a frame type object. The order of the steps are to verify that the Search and Select List Page is open and then verify that the Frame is open. Next the value provided in the Search\_By column of the datasheet will be selected from the list of the searchBy WebList Field.



 Search and Select List	VerifyExists_TKS	
 Frame	VerifyExists_TKS	
 searchBy	SelectWait_TKS	Parameter("Search_By")

Here is an example of a component that is using this keyword for a dialog type object. The order of the steps are to verify that the Save As Dialog is open and then enter the value from the File\_Path\_Name column of the datasheet into the File name WinEdit Field. Then the value in the Save\_As\_Type column of the datasheet will be selected from the list of the Save as type WinComboBox Field.

 Save As	VerifyExists_TKS	
 File name	Enter_TKS	Parameter("File_Path_Name")
 Save as type	Select_TKS	Parameter("Save_As_Type")

## VerifyField\_TKS

This keyword verifies a data value specified in a data sheet with a value in a cell in a table.

Item	Operation	Input	Output
 SF_WebTable  WebTable	VerifyField_TKS	LocalParameter("Record_Number"), "ColumnName", Parameter("DataValue")	

### Parameters

#### *RecordNumber*

This is the record number(row) of the cell with the value to be verified.

#### *ColumnName*




This is the column name or index of the cell with the value to be verified.

#### *DataValue*



This is the data value to be verified.

### Examples

Here is an example of a component that is using this keyword for a webtable type object. The order of the steps are to find the row with the cell value provided in the Search\_Value column of the datasheet under the column provided in the Search\_Column column of the datasheet. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out. Then the value in the cell determined by the row saved into the LocalParameter Record\_Number and Line column starting from index will be compared to the value provided in the Line column of the datasheet to verify that they are equal.



 Change Order Review an...	VerifyExists_TKS		
 Change Requisition Details	GetRecordByValueMulti...	"Line",Parameter("Line"),"False","NextTableObj","NextTableLink","10"	LocalPar...
 Change Requisition Details	VerifyFieldByIndex_TKS	LocalParameter("Record_Number"),"Line",Parameter("Line"),"0"	

Here is an example of a component that is using this keyword for a SF\_webtable type object. The order of the steps are verify Lead Assignment Rule Page, next value in the cell determined by the row information in LocalParameter Record\_Number and Action column compared to the value provided in the Action column of the datasheet to verify that they are equal.

 Lead Assignment Rule	VerifyExists_TKS		
 RuleEntryTable	VerifyField_TKS	LocalParameter("Record_Number"), "Action", Parameter("Action")	

## VerifyFieldByIndex\_TKS

This keyword verifies a data value specified in a data sheet with a value in a cell in a table.

Item	Operation	Input	Output
 SF_WebTable  WebTable	VerifyFieldByIndex_TKS	LocalParameter("Record_Number"), "ColumnName", Parameter("DataValue"), Parameter("index")	

### Parameters

#### *RecordNumber*

This is the record number(row) of the cell with the value to be verified.

#### *ColumnName*

This is the column name or index of the cell with the value to be verified.

#### *DataValue*




This is the data value to be verified.

#### Index

Index of the web control found inside the table cell starting with 0.

### Examples

Here is an example of a component that is using this keyword for a webtable type object. The order of the steps are to find the row with the cell value provided in the Search\_Value column of the datasheet under the column provided in the Search\_Column column of the datasheet. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out. Then the value in the cell determined by the row saved into the LocalParameter Record\_Number and Line column starting from index will be compared to the value provided in the Line column of the datasheet to verify that they are equal.




















 Change Order Review an...	VerifyExists_TKS		
 Change Requisition Details	GetRecordByValueMulti...	"Line",Parameter("Line"),"False","NextTableObj","NextTableLink","10"	LocalPar...
 Change Requisition Details	VerifyFieldByIndex_TKS	LocalParameter("Record_Number"),"Line",Parameter("Line"),"0"	

Here is an example of a component that is using this keyword for a SF\_webtable type object. The order of the steps are value in the cell determined by the row information in LocalParameter Record\_Number and Range column starting from index will be compared to the value provided in the Range column of the datasheet to verify that they are equal.

 Leads	VerifyExists_TKS		
 Report Generated table	VerifyFieldByIndex_TKS	LocalParameter("Record_Number"),"Range",Parameter("Range"),"2"	




















## TKS Sales Force Advanced Keywords

### Modules:

 <a href="#">Browser</a>	Custom Functions for use with "Browser" Test Objects.
 <a href="#">Dialog</a>	Custom Functions for use with "Dialog" Test Objects.
 <a href="#">Frame</a>	Custom Functions for use with "Frame" Test Objects.
 <a href="#">Image</a>	Custom Functions for use with "Image" Test Objects.
 <a href="#">Link</a>	Custom Operations for use with "Link" Test Objects.
 <a href="#">Operation</a>	Custom Operations for use with Sales Force.
 <a href="#">Page</a>	Custom Functions for use with "Page" Test Objects.
 <a href="#">SF_WebCheckBox</a>	Custom Functions for use with "SF_WebCheckBox" Test Objects.
 <a href="#">SF_WebEdit</a>	Custom Functions for use with "SF_WebEdit" Test Objects.
 <a href="#">SF_WebElement</a>	Custom Functions for use with "SF_WebElement" Test Objects.
 <a href="#">SF_WebList</a>	Custom Functions for use with "SF_WebList" Test Objects.
 <a href="#">SF_WebTable</a>	Custom Functions for use with "SF_WebTable" Test Objects.
 <a href="#">WebButton</a>	Custom Functions for use with "WebButton" Test Objects.
 <a href="#">WebCheckBox</a>	Custom Functions for use with "WebCheckBox" Test Objects.
 <a href="#">WebEdit</a>	Custom Functions for use with "WebEdit" Test Objects.
 <a href="#">WebElement</a>	Custom Functions for use with "WebElement" Test Objects.
 <a href="#">WebFile</a>	Custom Functions for use with "WebFile" Test Objects.
 <a href="#">WebList</a>	Custom Functions for use with "WebList" Test Objects.
 <a href="#">WebTable</a>	Custom Functions for use with "WebTable" Test Objects.

## Advanced Object Types




### Modules:

 <a href="#">Browser</a>	Custom Functions for use with "Browser" Test Objects.
 <a href="#">Dialog</a>	Custom Functions for use with "Dialog" Test Objects.
 <a href="#">Frame</a>	Custom Functions for use with "Frame" Test Objects.
 <a href="#">Image</a>	Custom Functions for use with "Image" Test Objects.
 <a href="#">Link</a>	Custom Operations for use with "Link" Test Objects.
 <a href="#">Operation</a>	Custom Operations for use with Sales Force.
 <a href="#">Page</a>	Custom Functions for use with "Page" Test Objects.
 <a href="#">SF_WebCheckBox</a>	Custom Functions for use with "SF_WebCheckBox" Test Objects.
 <a href="#">SF_WebEdit</a>	Custom Functions for use with "SF_WebEdit" Test Objects.
 <a href="#">SF_WebElement</a>	Custom Functions for use with "SF_WebElement" Test Objects.
 <a href="#">SF_WebList</a>	Custom Functions for use with "SF_WebList" Test Objects.
 <a href="#">SF_WebTable</a>	Custom Functions for use with "SF_WebTable" Test Objects.
 <a href="#">WebButton</a>	Custom Functions for use with "WebButton" Test Objects.
 <a href="#">WebCheckBox</a>	Custom Functions for use with "WebCheckBox" Test Objects.
 <a href="#">WebEdit</a>	Custom Functions for use with "WebEdit" Test Objects.
 <a href="#">WebElement</a>	Custom Functions for use with "WebElement" Test Objects.
 <a href="#">WebFile</a>	Custom Functions for use with "WebFile" Test Objects.
 <a href="#">WebList</a>	Custom Functions for use with "WebList" Test Objects.
 <a href="#">WebTable</a>	Custom Functions for use with "WebTable" Test Objects.

## Browser

Custom Functions for use with "Browser" Test Objects.


### Methods:

Name	Description
 <a href="#">Browser_Count</a>	This function count number(s) of browsers currently open.
 <a href="#">CloseIfExist_TKS</a>	This keyword closes the browser if it exists.
 <a href="#">Sync_TKS</a>	This keyword syncs for specified object until a set amount of seconds or a specified message appears on the status bar.

## Dialog

Custom Functions for use with "Dialog" Test Objects.




### Methods:

Name	Description
 <a href="#">OptionalDialogBoxApprove_TKS</a>	This function Optionally approve dialog box by clicking OK or Yes button on dialog box if exists

## Frame

Custom Functions for use with "Frame" Test Objects.

### Methods:




Name	Description
 <a href="#">ClickButtonByTextByIndex_TKS</a>	This keyword clicks a specified button by its label and index values.
 <a href="#">NavigateLinkPath_TKS</a>	This keyword drills down to a matching link in a specified link path and index.
 <a href="#">Sync_TKS</a>	This keyword syncs for specified object until a set amount of seconds or a specified message appears on the status bar.



## Image

Custom Functions for use with "Image" Test Objects.


### Methods:

Name	Description
 <a href="#">ClickByIndex_TKS</a>	This keyword clicks a WebButton/Image by its index.
 <a href="#">SetObjectIndexByWebTableParent_TKS</a>	This keyword sets a WebButton test object index based on inner text of one of the parent tables. Make sure the index property is set in the object repository prior to using this keyword.
 <a href="#">SetToParameter_TKS</a>	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.

## Link

Custom Functions for use with "Link" Test Objects.



### Methods:

Name	Description
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## Operation

Custom Functions for use with "Operation" Test Objects.





### Methods:

Name	Description
 <a href="#">CheckErrWeb</a>	This function Report step and error information about the current state of Objects.
 <a href="#">TriageReportWeb</a>	This function Gather information about the current state of web forms during reporting events. This information is then reported along with the original event.

## Page

Custom Functions for use with "Page" Test Objects.




### Methods:

Name	Description
 <a href="#">ClickButtonByTextByIndex_TKS</a>	This keyword clicks a specified button by its label and index values.
 <a href="#">NavigateLinkPath_TKS</a>	This keyword drills down to a matching link in a specified link path and index.
 <a href="#">SearchAndClickLink</a>	This keyword clicks a specified hyperlink.
 <a href="#">Sync_TKS</a>	This keyword syncs for specified object until a set amount of seconds or a specified message appears on the status bar.

## SF\_WebCheckBox

Custom Functions for use with "SF\_WebCheckBox" Test Objects.






### Methods:

Name	Description
 <a href="#">SelectCheckBoxIfExist_TKS</a>	This keyword check/uncheck a check Box if check box found.
 <a href="#">SelectWait_TKS</a>	This keyword check/uncheck a check Box, then waits one second.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## SF\_WebEdit

Custom Functions for use with "SF\_WebEdit" Test Objects.


### Methods:

Name	Description
 <a href="#">CopyFromExcel_TKS</a>	This keyword Copies and pastes specified test data sheet content to a specified object.
 <a href="#">EnterMore_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.
 <a href="#">EnterMoreSlow_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.
 <a href="#">EnterWait_TKS</a>	This keyword optionally enters a value into a field after looking for tags then waits one second.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## SF\_WebElement

Custom Functions for use with "SF\_WebElement" Test Objects.



### Methods:

Name	Description
 <a href="#">VerifyPartialText_TKS</a>	This keyword verifies that a specified value is in a specified element between specified boundaries.

## SF\_WebList

Custom Functions for use with "SF\_WebList" Test Objects.

### Methods:





Name	Description
 <a href="#">SelectMore_TKS</a>	This keyword selects a specified item in a list of values only if the specified list exists. If the value is not found, the "More..." value will be selected and then searches the list of values returned for the value to select. If no data value is specified, this step is skipped and execution will continue.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.



## SF\_WebTable

Custom Functions for use with "SF\_WebTable" Test Objects.




### Methods:

Name	Description
 <a href="#">ClickButtonTillCellEquals_TKS</a>	This keyword clicks a button object until the value in the text object equals a specific expected value. This is valuable when scroll or wheel buttons are used to change a record or value in a text box.
 <a href="#">EnterAllRowsMultiplePages_TKS</a>	This keyword will enter value for all rows in the table for maximum of MaxPages the record number, if not will click on next link and will try to find it again
 <a href="#">EnterWithSearch_TKS</a>	This keyword Search for row, where search column and value match and then enter DataValue into the EnterColumnName column.
 <a href="#">VerifyFieldDefault_TKS</a>	This keyword Checks to see if table field has a default.

## WebButton

Custom Functions for use with "WebButton" Test Objects.




### Methods:

Name	Description
 <a href="#">ClickByIndex_TKS</a>	This keyword clicks a WebButton/Image by its index.
 <a href="#">SetObjectIndexByWebTableParent_TKS</a>	This keyword sets a WebButton test object index based on inner text of one of the parent tables. Make sure the index property is set in the object repository prior to using this keyword.
 <a href="#">SetToParameter_TKS</a>	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.

## WebCheckBox

Custom Functions for use with "WebCheckBox" Test Objects.






### Methods:

Name	Description
 <a href="#">SelectCheckBoxIfExist_TKS</a>	This keyword check/uncheck a check Box if check box found.
 <a href="#">SelectWait_TKS</a>	This keyword check/uncheck a check Box, then waits one second.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## WebEdit

Custom Functions for use with "WebEdit" Test Objects.


### Methods:

Name	Description
 <a href="#">CopyFromExcel_TKS</a>	This keyword Copies and pastes specified test data sheet content to a specified object.
 <a href="#">EnterMore_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.
 <a href="#">EnterMoreSlow_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.
 <a href="#">EnterWait_TKS</a>	This keyword optionally enters a value into a field after looking for tags then waits one second.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## WebElement

Custom Functions for use with "WebElement" Test Objects.




### Methods:

Name	Description
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## WebFile

Custom Functions for use with "WebFile" Test Objects.



### Methods:

Name	Description
 <a href="#">EnterMore_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.
 <a href="#">EnterMoreSlow_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## WebList

Custom Functions for use with "WebList" Test Objects.


















### Methods:

Name	Description
 <a href="#">SelectMore_TKS</a>	This keyword selects a specified item in a list of values only if the specified list exists. If the value is not found, the "More..." value will be selected and then searches the list of values returned for the value to select. If no data value is specified, this step is skipped and execution will continue.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.

## WebTable

Custom Functions for use with "WebTable" Test Objects.

### Methods:

Name	Description
 <a href="#">ClickButtonTillCellEquals_TKS</a>	This keyword clicks a button object until the table cells actual value matches the specified expected value. This is valuable when scroll or wheel buttons are used to change a record or value in a table cell.
 <a href="#">EnterWithSearch_TKS</a>	This keyword Search for row, where search column and value match and then enter DataValue into the EnterColumnName column.
 <a href="#">EnterWithSearchMore_TKS</a>	This keyword Enters value into row that matches the search criteria in a table and select if necessary the first matched value from popup window.
 <a href="#">GetCellColumn_TKS</a>	This keyword will return column number by searching for a specified value and record number. Supports a wild-card search ("*") if regular expression is needed.
 <a href="#">GetReportNumber_TKS</a>	This keyword Gets the report number from a specified record in a specified column.
 <a href="#">OutputAllRows_TKS</a>	This keyword Outputs a value from a table to a test data sheet and to output parameter.
 <a href="#">OutputReportNumber_TKS</a>	This keyword Outputs the report number from a specified record in a specified column to a specified column in a test data sheet.
 <a href="#">OutputWithSearch_TKS</a>	This keyword will Enters value into row that matches the search criteria in a table.
 <a href="#">SelectImageInCell_TKS</a>	This keyword will click image in a specified cell in a specified column in a specified table.
 <a href="#">SelectLinkInCell_TKS</a>	This keyword selects a link in a specified cell in a specified column in a specified table.
 <a href="#">SelectRadioGroupIfExist_TKS</a>	This keyword Selects radiogroup item, if table and searched value exist in a specified column.
 <a href="#">SetObjectIndexByWebTableParent_TKS</a>	This keyword sets a WebButton test object index based on inner text of one of the parent tables. Make sure the index property is set in the object repository prior to using this keyword.
 <a href="#">SetToParameter_TKS</a>	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.
 <a href="#">SetWebRecordNumber_TKS</a>	This Function Outputs the 'RecordNumber' to the output or local parameter of the component. Used in keyword/non-scripted components.
 <a href="#">VerifyFieldDefault_TKS</a>	This keyword Checks to see if table field has a default.
 <a href="#">VerifyFieldRounded_TKS</a>	This keyword Verifies that a specified value is in a specified field in a specified table.
 <a href="#">VerifyWithSearch_TKS</a>	This keyword Finds record corresponding to search value and verifies value in verified column for the record found.









































 [VerifyWithSearchByIndex\\_TKS](#)

This keyword verifies that specific value matches a table value.

## Advanced Keywords


### Keywords:

 <a href="#">Browser_Count</a>	This function count number(s) of browsers currently open.
 <a href="#">CheckErrWeb</a>	This function Report step and error information about the current state of Object
 <a href="#">ClickButtonTextByIndex_TKS</a>	This keyword clicks a specified button by its label and index values.
 <a href="#">ClickButtonTillCellEquals_TKS</a>	This keyword clicks a button object until the table cells actual value matches the value when scroll or wheel buttons are used to change a record or value in a table cell
 <a href="#">ClickByIndex_TKS</a>	This keyword clicks a WebButton/Image by its index.
 <a href="#">CloseIfExist_TKS</a>	This keyword closes the browser if it exists.
 <a href="#">CopyFromExcel_TKS</a>	This keyword Copies and pastes specified test data sheet content to a specified
 <a href="#">EnterAllRowsMultiplePages_TKS</a>	This keyword will enter value for all rows in the table for maximum of MaxPages. It will click the link and will try to find it again
 <a href="#">EnterMore_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the table, the More option will be selected and the value will be searched for in the column
 <a href="#">EnterMoreSlow_TKS</a>	This keyword enters a value into Web Edit box. If the value is not found in the table, the More option will be selected and the value will be searched for in the column
 <a href="#">EnterWait_TKS</a>	This keyword optionally enters a value into a field after looking for tags then waits
 <a href="#">EnterWithSearch_TKS</a>	This keyword Search for row, where search column and value match and then enters value into column.
 <a href="#">EnterWithSearchMore_TKS</a>	This keyword Enters value into row that matches the search criteria in a table and then clicks More from popup window.
 <a href="#">GetCellColumn_TKS</a>	This keyword will return column number by searching for a specified value and row number ("*") if regular expression is needed.
 <a href="#">GetReportNumber_TKS</a>	This keyword Gets the report number from a specified record in a specified column
 <a href="#">NavigateLinkPath_TKS</a>	This keyword drills down to a matching link in a specified link path and index.
 <a href="#">OptionalDialogBoxApprove_TKS</a>	This function Optionally approve dialog box by clicking OK or Yes button on dialog box
 <a href="#">OutputAllRows_TKS</a>	This keyword Outputs a value from a table to a test data sheet and to output page
 <a href="#">OutputReportNumber_TKS</a>	This keyword Outputs the report number from a specified record in a specified column to test data sheet.
 <a href="#">OutputWithSearch_TKS</a>	This keyword will Enters value into row that matches the search criteria in a table

 <a href="#">SearchAndClickLink</a>	This keyword clicks a specified hyperlink.
 <a href="#">SelectCheckBoxIfExist_TKS</a>	This keyword check/uncheck a check Box if check box found.
 <a href="#">SelectImageInCell_TKS</a>	This keyword will click image in a specified cell in a specified column in a specified table.
 <a href="#">SelectLinkInCell_TKS</a>	This keyword selects a link in a specified cell in a specified column in a specified table.
 <a href="#">SelectMore_TKS</a>	This keyword selects a specified item in a list of values only if the specified list item value will be selected and then searches the list of values returned for the value. If the value is found, the next step is skipped and execution will continue.
 <a href="#">SelectRadioGroupIfExist_TKS</a>	This keyword Selects radiogroup item, if table and searched value exist in a specified table.
 <a href="#">SelectWait_TKS</a>	This keyword check/uncheck a check Box, then waits one second.
 <a href="#">SetObjectIndexByWebTableParent_TKS</a>	This keyword sets a WebButton test object index based on inner text of one of the table components. The index property is set in the object repository prior to using this keyword.
 <a href="#">SetToParameter_TKS</a>	This keyword sets a test object to a Local Parameter. If working with Scripted components, the parameter name must be defined in the test script.
 <a href="#">SetWebRecordNumber_TKS</a>	This Function Outputs the 'RecordNumber' to the output or local parameter of the test script components.
 <a href="#">Sync_TKS</a>	This keyword syncs for specified object until a set amount of seconds or a specified condition is met.
 <a href="#">TriageReportWeb</a>	This function Gather information about the current state of web forms during re-verification. The information is reported along with the original event.
 <a href="#">VerifyDefault_TKS</a>	This keyword verifies that there is a default value for the field.
 <a href="#">VerifyFieldDefault_TKS</a>	This keyword Checks to see if table field has a default.
 <a href="#">VerifyFieldRounded_TKS</a>	This keyword Verifies that a specified value is in a specified field in a specified table.
 <a href="#">VerifyPartialText_TKS</a>	This keyword verifies that a specified value is in a specified element between specified characters.
 <a href="#">VerifyWithSearch_TKS</a>	This keyword Finds record corresponding to search value and verifies value in specified field.
 <a href="#">VerifyWithSearchByIndex_TKS</a>	This keyword verifies that specific value matches a table value.

## Browser\_Count

This function count number(s) of browsers currently open.


Item	Function	Input	Output
 Browser	Browser_Count		

### Example

Description      Count number(s) of browsers currently open.

## CheckErrWeb

This function Report step and error information about the current state of Objects.

Item	Function	Input	Output
 Operation	CheckErrWeb	Parameter("reportStepName") "err" "currentObj"	

### Parameters

*reportStepName*

This is description of step to be executed.

*err*

err object & Description of step & Error details

*currentObj*

Current Object.

### Return Values



The Navigator screen is returned after clicking on link to navigate to navigator web.

### Example

Description      Gather information about the current state of Web forms during reporting events. This information is then reported along with the original event.

## ClickButtonTextByIndex\_TKS

This keyword clicks a specified button by its label and index values.

Item	Operation	Input	Output
 Page  Frame	ClickButtonTextByIndex_TKS	LocalParameter(Button_Label), Parameter("IndexValue")	

### Parameters

#### *ButtonLabel*




This is the label of the button to click.

#### *IndexValue*

This is the index of the specified button.

### Example

Here is an example of a component that is using this keyword. The order of the steps are first screen clip will be taken of application and given the title "Report Generated Header Header" in the run results Then the button with the text and index provided in the Button\_Label and Index columns of the datasheet will be clicked.


 Report Generated	CaptureScreenClip_TKS	"Report Generated Header Header"
 Report Generated	ClickButtonText_TKS	Parameter("Button_Label")
 Report Generated	ClickLink_TKS	Parameter("Link_Label")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Search and Select List Page is open. Next the button specified by the values provided in the Button\_Label and Index columns of the datasheet will be clicked. Then the value provided in the Search\_By column of the datasheet will be selected from the list of the searchBy WebList Field.

 Search and Select List	VerifyExists_TKS	
 Frame	ClickButtonTextByIndex_TKS	Parameter("Button_Label"),Parameter('Index')
 searchBy	SelectWait_TKS	Parameter("Search_By")

## ClickButtonTillCellEquals\_TKS

This keyword clicks a button object until the table cells actual value matches the specified expected value. This is valuable when scroll or wheel buttons are used to change a record or value in a table cell.

Item	Operation	Input	Output
 WebTable	ClickButtonTillCellEquals_TKS	LocalParameter("RecordNumber"), "ColumnName", "objButton", Parameter("DataValue"), Parameter("MaxSeconds")	

### Parameters

#### *RecordNumber*

This is the record number of the record into which to enter data. Use "New" to select the next new record location.

#### *ColumnName*

This is the name of the column into which to enter data.

#### *objButton*

This is the button object to be clicked.

#### *DataValue*




This is the value in the cell at which clicking the button will stop.

#### *MaxSeconds*

This is the maximum number of seconds to continue clicking the button. If this time is reached without the value being reached, execution will stop and a failure will be reported.



### Example

Here is an example of a component that is using this keyword. The order of the steps are to click the Next button until the value in the cell that is in the row saved in Record\_Number and the column Num is equal to the value in the Num column of the datasheet. It will wait for the values to be equal for 30 seconds before failing this step. Next the values in the Order\_type and Need\_by columns of the datasheet will be entered into the cells that are in the row saved in Record\_Number and the Order\_type and Need\_by columns of the Change\_Requisition\_Details table.

 Change Requisition Details	ClickButtonTillCellEquals_TKS	LocalParameter("Record_Number"),"Line","Next",Parameter("Unit"),"300"
 Change Requisition Details	VerifyField_TKS	LocalParameter("Record_Number"),"Order Type",Parameter("Order_T...
 Change Requisition Details	VerifyField_TKS	LocalParameter("Record_Number"),"Need-By",Parameter("Need_By")

## ClickByIndex\_TKS

This keyword clicks a WebButton/Image by its index.

Item	Operation	Input	Output
 WebButton  Image	ClickByIndex_TKS	Parameter("IndexValue")	




### Parameters

*IndexValue*




This is the index of the WebButton/Image. Indexes can be 1 or greater.

### Examples

Here is an example of a component that is using this keyword for object type WebButton. The order of the steps are to enter the values provided in the Note\_To Buyer and Note\_To\_Supplier columns of the datasheet into the Note To Buyer and Note To Supplier WebEdit Fields. Then the Add Attachment button will be clicked based on the value provided in the Click\_Status column of the datasheet.

 Note To Buyer	Enter_TKS	Parameter("Note_To_Buyer")
 Note To Supplier	Enter_TKS	Parameter("Note_To_Supplier")
 Add Attachment	ClickByIndex_TKS	Parameter("Click_Status")


Here is an example of a component that is using this keyword for object type Image. The order of the steps are to verify that the Add Attachment Page is open and then click the Show More Search Options Image based on the index value provided in the Index column of the datasheet. Then the value provided in the Add column of the datasheet will be selected from the list of the Add WebList Field.

 Add Attachment	VerifyExists_TKS	
 Show More Search Options	ClickByIndex_TKS	Parameter("Index")
 Add	Select_TKS	Parameter("Add")





## CloseIfExist\_TKS

This keyword closes the browser if it exists.

Item	Operation	Input	Output
 Browser	CloseIfExist_TKS		



### Example

Here is an example of a component that is using this keyword. The order of the steps are to select the value provided in the Tax\_Format column of the datasheet from the list of the Tax Format WebList. If the value isn't found at first, the More button will be clicked and the value will be searched for in the column provided in the Search\_Value column of the datasheet. Next the Bill Presentment Template Management Tab browser will be closed if it is found open and then the Link that is provided in the Link column of the datasheet will be clicked.

 Tax Format	SelectMore_TKS	Parameter("Tax_Format"),Parameter("Search_Value")
 Bill Presentment Template Management Tab	CloseIfExist_TKS	
 Template Management Tab Create Template: General Information	ClickLink_TKS	Parameter("Link")

## CopyFromExcel\_TKS

This keyword Copies and pastes specified test data sheet content to a specified object.

Item	Operation	Input	Output
 SF_WebEdit  WebEdit	CopyFromExcel_TKS	Parameter("DataFile"), Parameter("DataSheet")	

### Parameters

#### *DataFile*




Path for test data sheet from which to copy content - in this format: "<drivename>:\<filename>".

#### *DataSheet*

Name of the test data sheet from which to copy data.


### Example

Here is an example of a component that is using this keyword. Copies and pastes DataSheet sheet content of DataFile file to SF\_WebEdit / WebEdit "Item Description".

 Clear All	Click_TKS	Parameter("Clear_All_Button")
 Item Type	Select_TKS	Parameter("Item_Type")
 Item Description	CopyFromExcel_TKS	"C:\P2P- With Requisition.xls", "Order"

## EnterAllRowsMultiplePages\_TKS

This keyword will enter value for all rows in the table for maximum of MaxPages the record number, if not will click on next link and will try to find it again

Item	Operation	Input	Output
 SF_WebTable	EnterAllRowsMultiplePages_TKS	"ColumnName", Paramter("DataValue"), NextTableObj, NextTableLink, MaxPages	

### Parameters

#### ColumnName

This is the column name to be searched.

#### DataValue

This is the data value to be searched for in the first column name

#### NextTableObj

Table object where the "next" link is to click for the next few records.

#### NextTableLink

Partial text of the link to select for the next few records.

#### MaxPages

Maximum number of pages through which to search (default = 1).

### Example




Here is an example of a component that is using this keyword. Enter value for all rows in the table for maximum of MaxPages the record number, if not will click on next link and will try to find it again.

Find DataValue in Webtable by searching ColumnName column until MaxPages pages using NextTableObj table and NextTableLink link values and click the link.

 Change Order Review an...	VerifyExists_TKS	
 Change Requisition Details	EnterAllRowsMultiplePages_TKS	"Line",Parameter("Line"),"NextTableObj","NextTableLink","10"

## EnterMore\_TKS

This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.

Item	Operation	Input	Output
 SF_WebEdit	EnterMore_TKS	Parameter("DataValue"), Parameter("SearchBy")	
 WebEdit			
 WebFile			

### Parameters

#### *DataValue*

This is the tag or value to enter into the field and is typically a component parameter with the value being taken from the datasheet at runtime.

Some Useful Tags:

<CLEAR> = clear out the value currently in that cell.

blank "" = skip entry and continue execution.

<UniqueID> = Tag is replaced with a uniquely generated number.

#### *SearchBy*

This is the column name in which to search for the specified value after the More... value is selected.

### Examples

Here is an example of a component that is using this keyword for object type SF\_WebEdit. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Then the status of the Payment SF\_WebCheckBox will be verified against the value provided in the Payment column of the datasheet. Next the value provided in the state column of the datasheet will be selected from the list of the State SF\_WebList Field.

 County	EnterMore_TKS	Parameter("County"),Parameter("Search_By")
 Payment	Verify_TKS	Parameter("Payment")
 State	SelectWait_TKS	Parameter("State")

Here is an example of a component that is using this keyword for object type WebEdit. The order of the steps are to verify that the Configuration Tab Search Hyperlink Page is open. Then the value provided in the Hyperlink\_Name column of the datasheet will be entered in the Hyperlink Name WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Next the value provided in the Hyperlink\_Description column of the datasheet will be entered into the Hyperlink Description WebEdit field and then wait one second.

 Configuration Tab Search Hyperlink	VerifyExists_TKS	
 Hyperlink Name	EnterMore_TKS	Parameter("Hyperlink_Name"),Parameter("Search_By")
 Hyperlink Description	EnterWait_TKS	Parameter("Hyperlink_Description")

Here is an example of a component that is using this keyword for object type WebFile. The order of the steps are the value provided in the Note\_To\_Supplier column of the datasheet will be entered in the Note\_To\_Supplier WebFile field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet.

 Note To Supplier	EnterMore_TKS	Parameter("Note_To_Supplier"),Parameter("Search_By")
 Template Management	CaptureScreenClip_TKS	"Template Management:"
 Checkout Approvers	SelectImage_TKS	Parameter("Button_Label")

## EnterMoreSlow\_TKS

This keyword enters a value into Web Edit box. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided.

Item	Operation	Input	Output
SF_WebEdit	EnterMoreSlow_TKS	Parameter("DataValue"), Parameter("SearchBy")	
WebEdit			
WebFile			

### Parameters

#### DataValue

This is the tag or value to enter into the field and is typically a component parameter with the value being taken from the datasheet at runtime.

Some Useful Tags:

<CLEAR> = clear out the value currently in that cell.

blank "" = skip entry and continue execution.

<UniqueID> = Tag is replaced with a uniquely generated number.

#### SearchBy

This is the column name in which to search for the specified value after the More... value is selected.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Then the status of the Payment SF\_WebCheckBox will be verified against the value provided in the Payment column of the datasheet. Next the value provided in the State column of the datasheet will be verified against the value in the State SF\_WebList Field.


County	EnterMoreSlow_TKS	Parameter("County"),Parameter("Search_By")	
Payment	Verify_TKS	Parameter("Payment")	
State	Verify_TKS	Parameter("State")	

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Configuration Tab Search Hyperlink Page is open. Then the value provided in the Hyperlink\_Name column of the datasheet will be entered in the Hyperlink Name WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Next the Hyperlink Description WebEdit will be output to the output parameter Hyperlink\_Description\_Out and save it to the Hyperlink\_Description\_Out column of the datasheet.

Configuration Tab Search Hyperlink	VerifyExists_TKS		
Hyperlink Name	EnterMoreSlow_TKS	Parameter("Hyperlink_Name"),Parameter("Search_By")	
Hyperlink Description	OutputToSheet_TKS	"Hyperlink_Description_Out"	Parameter("Hyperlink_Description_Out")



Here is an example of a component that is using this keyword. The order of the steps are the value provided in the Note\_To\_Supplier column of the datasheet will be entered in the Note\_To\_Supplier WebFile field. If the value is not found

in the initial list of acceptable values for the field, the more option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet.

 Note To Supplier	EnterMoreSlow_TKS	Parameter("Note_To_Supplier"),Parameter("Search_By")
 Oracle iProcurement	CaptureScreenClip_TKS	"Oracle iProcurement: Checkout"
 Checkout Approvers	SelectImage_TKS	Parameter("Button_Label")

## EnterWait\_TKS

This keyword optionally enters a value into a field after looking for tags then waits one second.

Item	Operation	Input	Output
 SF_WebEdit			
 WebEdit	EnterWait_TKS	Parameter("DataValue")	

### Parameters

#### DataValue

This is the tag or value to enter into the field and is typically a component parameter with the value being taken from the datasheet at runtime.

Some Useful Tags:

<CLEAR> = clear out the value currently in that cell.

blank "" = skip entry and continue execution.

<UniqueID> = Tag is replaced with a uniquely generated number.

### Examples

Here is an example of a component that is using this keyword for object type SF\_WebEdit. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit field. Then the status of the Payment SF\_WebCheckBox will be verified against the value provided in the Payment column of the datasheet. Next the value provided in the State column of the datasheet will be verified against the value in the State SF\_WebList Field.

 County	EnterWait_TKS	Parameter("County")
 Payment	Verify_TKS	Parameter("Payment")
 State	Verify_TKS	Parameter("State")

Here is an example of a component that is using this keyword for object type WebEdit. The order of the steps are to verify that the Configuration Tab Search Hyperlink Page is open. Then the value provided in the Hyperlink\_Name column of the datasheet will be entered in the Hyperlink Name WebEdit field. If the value is not found in the initial list of acceptable values for the field, the More option will be selected and the value will be searched for in the column provided in the Search\_By column of the datasheet. Next the value provided in the Hyperlink\_Description column of the datasheet will be entered into the Hyperlink Description WebEdit field and then wait one second.

 Configuration Tab Search Hyperlink	VerifyExists_TKS	
 Hyperlink Name	EnterMore_TKS	Parameter("Hyperlink_Name"),Parameter("Search_By")
 Hyperlink Description	EnterWait_TKS	Parameter("Hyperlink_Description")



## EnterWithSearch\_TKS

This keyword Search for row, where search column and value match and then enter DataValue into the EnterColumnName column.

Item	Operation	Input	Output
SF_WebTable	EnterWithSearch_TKS	" SearchColumnName", Parameter("searchValue"), Parameter("EnterColumnName"), Parameter("DataValue")	
WebTable			

### Parameters

*SearchColumnName*

Column in which to search for the record number for unique value.

*searchValue*

Unique value to search by.

*EnterColumnName*

Column in which value to be entered.

*DataValue*

Value to be verified with the web table value.


### Examples

Here is an example of a component that is using this keyword Enter DataValue in the EnterColumnName column and record number found by searching for searchValue in SearchColumnName column of Table Change\_Requisition\_Details.

Change Order Review an...	VerifyExists_TKS	
Change Requisition Details	GetRecordByValueMultiple...	"Line",Parameter("Line"),"False","NextTableObj",...
Change Requisition Details	EnterWithSearch_TKS	"Line",Parameter("Line"),"Line",Parameter("Line")
Opportunities Viewport	VerifyField_TKS	LocalParameter("Record_Number"),"Action",Parameter("Action")
Opportunities Viewport	EnterWithSearch_TKS	LocalParameter("Record_Number"),Parameter("Stage"),"Complete",Parameter("A...
Opportunities Viewport	VerifyField_TKS	LocalParameter("Record_Number"),"Account Name",Parameter("Account_Name")

## EnterWithSearchMore\_TKS

This keyword Enters value into row that matches the search criteria in a table and select if necessary the first matched value from popup window.

Item	Operation	Input	Output
 WebTable	EnterWithSearchMore_TKS	" SearchColumnName", Parameter("searchValue"), Parameter("EnterColumnName"), Parameter("DataValue"), Parameter("SearchBy")	

### Parameters

*SearchColumnName*

Column in which to search for the record number for unique value.

*searchValue*

Unique value to search by.

*EnterColumnName*

Column in which value to be entered.

*DataValue*




Value to be verified with the web table value.

*SearchBy*

Column name in which to search for drop-down list of values with specified value.


### Example

Here is an example of a component that is using this keyword Enter DataValue in the EnterColumnName column and record number found by searching for searchValue in SearchColumnName column of Table and select if necessary the first matched value from popup window.

 Change Order Review an...	VerifyExists_TKS	
 Change Requisition Details	GetRecordByValueMultiple...	"Line",Parameter("Line"),"False","NextTableObj","NextTableLi... L
 Change Requisition Details	EnterWithSearchMore_TKS	"Unit",Parameter("Unit"),"Unit",Parameter("Unit"),"Unit_Val"

## GetCellColumn\_TKS

This keyword will return column number by searching for a specified value and record number. Supports a wild-card search ("\*") if regular expression is needed.

Item	Operation	Input	Output
 WebTable	GetCellColumn_TKS	LocalParameter("Record_Number"), Paramter("DataValue")	LocalParameter("Column_Number")

### Parameters

#### *RecordNumber*

This is the record number of the field to capture the value from. This should be a number or numeric string and is typically a LocalParameter that is the output of a step prior to this one.

#### *DataValue*




This is the data value to be searched for in the column name

### Return Values

This keyword will return a web table Column number based on the searched value in a specified column.


### Example

Here is an example of a component that is using this keyword. Gets column number based on DataValue in parameters "Title" and "Record\_Number". This function also supports ".\*" in case regular expression is needed.

 Operation	LoadData		
 Contact Details	VerifyExists_TKS		
 Untitled Note	GetCellColumn_TKS	LocalParameter("Record_Number"),Parameter("Title")	Parameter("Column_Number")

## GetReportNumber\_TKS

This keyword Gets the report number from a specified record in a specified column.

Item	Operation	Input	Output
 WebTable	GetReportNumber_TKS	LocalParameter(RecordNumber"), "ColumnName"	Parameter("ReportNumber_Out")

### Parameters

#### *RecordNumber*

This is the record number(row) of the cell containing the data to be output.

#### *ColumnName*





This is the column name or index of the cell containing the data to be output.

### Return Values

This keyword will return Report number from the specified record in the specified column.



### Example

Here is an example of a component that is using this keyword. The order of the steps are to find the row with the cell value provided in the Search\_Value column of the datasheet under the column provided in the Search\_Column column of the datasheet. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out. Then Capture the value from Quantity column and RecordNumber row of Webtable and store it into Quantity\_Out Output Parameter.

 Change...	VerifyExists_TKS		
 Change...	GetRecordByValueExpandTabl...	"Line",Parameter("Line"),"False","ChildVal","true","alt","20"	LocalParameter("Record_Number")
 Change...	VerifyField_TKS	LocalParameter("Record_Number"),"Quantity",Parameter("Q...	
 Change...	GetReportNumber_TKS	LocalParameter("Record_Number"),"Quantity"	Parameter("Quantity_Out")

## NavigateLinkPath\_TKS

This keyword drills down to a matching link in a specified link path and index.

Item	Operation	Input	Output
 Page  Frame	NavigateLinkPath_TKS	Parameter("LinkPath"), Parameter("StartingIndex")	

### Parameters

#### *LinkPath*



This is the link path of the link to be clicked.

#### *StartingIndex*




This is the starting index of the specified link.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to verify "Salesforce - Professional" browser, then the link specified by the values provided in the Link\_Path and Index columns of the datasheet will be clicked.


 Salesforce - Professional	VerifyExists_TKS	
 Salesforce - Professional	NavigateLinkPath_TKS	Parameter("Link_Path"),Parameter("Index")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Search and Select List Page is open. Next the link specified by the values provided in the Link\_Path and Index columns of the datasheet will be clicked. Then the value provided in the Search\_By column of the datasheet will be selected from the list of the searchBy WebList Field.

 Search and Select List	VerifyExists_TKS	
 Frame	NavigateLinkPath_TKS	Parameter("Link_Path"),Parameter("Index")
 searchBy	SelectWait_TKS	Parameter("Search_By")

## OptionalDialogBoxApprove\_TKS

This function Optionally approve dialog box by clicking OK or Yes button on dialog box if exists


Item	Operation	Input	Output
 Dialog	OptionalDialogBoxApprove_TKS		

### Example

Description      Optionally approve dialog box if exists

## OutputAllRows\_TKS

This keyword Outputs a value from a table to a test data sheet and to output parameter.

Item	Operation	Input	Output
 WebTable	OutputAllRows_TKS	LocalParameter(BeginningRecordNumber"), "ColumnName", "SheetColumnName"	Parameter("OracleList_Out") Parameter("OracleTableCell_Out") Parameter("OracleTextField_Out")

### Parameters

#### *BeginningRecordNumber*

This is the Identifier for the record in the column from which the data is to be selected prior to output to datasheet.

#### *ColumnName*

This is the column name or index of the cell containing the data to be output.

#### *SheetColumnName*

This is the name of the column header in the spreadsheet to receive the output data. This does not have to match the output parameter name, although in most cases it is preferred.

### Return Values

This keyword will return All rows captured from specific column in the spreadsheet.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to find the row with the cell value provided in the Search\_Value column of the datasheet under the column provided in the Search\_Column column of the datasheet. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out. Then Capture the value from Need\_By column beginning from row RecordNumber of Change webTable and store it into Need\_By\_Out column of spreadsheet..


```

Change ... VerifyExists_TKS
Change ... GetRecordBy3Va... "Line",Parameter("Line"),"False","Description",Parameter("De... LocalParameter("Record_Nun
Change ... VerifyField_TKS LocalParameter("Record_Number"),"Order Type",Parameter(...
Change ... OutputAllRows_... LocalParameter("Record_Number"),"Need-By","Need_By_Out" Parameter("Need_By_Out")

```

## OutputReportNumber\_TKS

This keyword Outputs the report number from a specified record in a specified column to a specified column in a test data sheet.

Item	Operation	Input	Output
 WebTable	OutputReportNumber_TKS	LocalParameter(RecordNumber"), "ColumnName", "SheetColumnName"	Parameter("ReportNumber_Out")

### Parameters

#### *RecordNumber*

This is the record number (row) of the cell containing the data to be output.

#### *ColumnName*

This is the column name or index of the cell containing the data to be output.

#### *SheetColumnName*





This is the name of the column header in the spreadsheet to receive the output data. This does not have to match the output parameter name, although in most cases it is preferred.

### Return Values

This keyword will return Report number from the specified record in the specified column.

### Example


Here is an example of a component that is using this keyword. The order of the steps are to find the row with the cell value provided in the Search\_Value column of the datasheet under the column provided in the Search\_Column column of the datasheet. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out. Then Capture the value from Quantity column and RecordNumber row of Webtable and store it into Quantity\_Out column of spreadsheet.

 Change...	VerifyExists_TKS		
 Change...	GetRecordByValueExpandTabl...	"Line",Parameter("Line"),"False","ChildVal","true","alt","20"	LocalParameter("Record_Number")
 Change...	VerifyField_TKS	LocalParameter("Record_Number"),"Quantity",Parameter("Q...	
 Change...	OutputReportNumber_TKS	LocalParameter("Record_Number"),"Quantity","Quantity_Out"	Parameter("Quantity_Out")



## OutputWithSearch\_TKS

This keyword will Enter value into row that matches the search criteria in a table.

Item	Operation	Input	Output
 WebTable	OutputWithSearch_TKS	" SearchColumnName", Paramter("SearchValue"), Parameter("OutputColumnName"), "SheetColumnName"	

### Parameters

#### *SearchColumnName*

This is the first column name to be searched.

#### *SearchValue*

This is the first data value to be searched for in the first column name

#### *OutputColumnName*





Column in which value to be entered.

#### *SheetColumnName*

Value to be entered with the web table value.


### Example

Here is an example of a component that is using this keyword Enter *SearchValue* "Unit" in the *OutputColumnName* "Unit\_Out" column and record number found by searching for *SearchValue* "Unit" in SearchColumnName"Unit\_Out" column Change Table.

 Change ...	VerifyExists_TKS	
 Change ...	GetRecordBy3ValuesPl...	"Line",Parameter("Line"),"False","Description",Parameter("Description"),"Fa
 Change ...	VerifyField_TKS	LocalParameter("Record_Number"),"Need-By",Parameter("Need_By")
 Change ...	OutputWithSearch_TKS	"Unit",Parameter("Unit"),"Unit_Out","Unit_Out"

## SearchAndClickLink\_TKS

This keyword clicks a specified hyperlink.

Item	Operation	Input	Output
 Page	SearchAndClickLink_TKS	Parameter("search_value"), Parameter("add_x"), Parameter("add_y"), Parameter("link_name")	

### Parameters

*search\_value*

This is the Value on a page.

*add\_x*

This is the Difference of abs\_x of the link and search value.

*add\_y*

This is the Difference of abs\_y of the link and search value.

*link\_name*

This is the Link to be selected.



### Example

Here is an example of a component that is using this keyword. The order of the steps are to verify page "Report Generated". Then in next step searches for a string "USA" on a page "Report Generated" and click the corresponding "Home" link

 Report Generated	VerifyExists_TKS	
 Report Generated	SearchAndClickLink_TKS	"USA", "2", "2", "Home"

## SelectCheckBoxIfExist\_TKS

This keyword check/uncheck a check Box if check box found.

Item	Operation	Input	Output
 SF_WebCheckBox  WebCheckBox	SelectCheckBoxIfExist_TKS	Parameter("checkboxstatus")	

### Parameters

#### DataValue




This is the value to search for.

#### checkboxstatus

This is the status to set the checkbox/ SF\_WebCheckBox to and is typically a component parameter with the value being taken from the datasheet at runtime. If the value is set to <ON>, the checkbox/ SF\_WebCheckBox will be checked. If the value is set to <OFF>, the checkbox/ SF\_WebCheckBox will be unchecked, If SF\_WebCheckBox / WebCheckBox object found.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the Search\_Keyword column of the datasheet into the Search Keyword WebEdit Field. Then the Show All Sites checkbox will be checked or unchecked based on the value provided in the Show\_All\_Sites column of the datasheet if the checkbox is found in the application. Next the Search By Name or Number checkbox will be checked or unchecked based on the value provided in the Search\_By\_Name\_or\_Number column of the datasheet.


 Search Keyword	Enter_TKS	Parameter("Search_Keyword")
 Show All Sites	SelectCheckBoxIfExist_TKS	Parameter("Show_All_Sites")
 Search By Name or Number	SelectWait_TKS	Parameter("Search_By_Name_or_Number")

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit Field with the index provided in the Index column of the datasheet. Next the Payment SF\_WebCheckBox will be checked or unchecked based on the value provided in the Payment column of the datasheet if the checkbox is found in the application. Then the value provided in the State column of the datasheet will be selected from the list of the State SF\_WebList Field. If the value isn't found at first, the More button will be clicked and the value will be searched for in the column provided in the Search\_By column of the datasheet.

 County	EnterByIndex_TKS	Parameter("County"),Parameter("Index")
 Payment	SelectCheckBoxIfExist_TKS	Parameter("Payment")
 State	SelectMore_TKS	Parameter("State"),Parameter("Search_By")

## SelectImageInCell\_TKS

This keyword will click image in a specified cell in a specified column in a specified table.

Item	Operation	Input	Output
 WebTable	SelectImageInCell_TKS	LocalParameter("Record_Number"), Parameter("DataValue")	

### Parameters

#### *RecordNumber*

This is the record number of the image to be selected. This should be a number or numeric string and is typically a LocalParameter that is the output of a step prior to this one.

#### *DataValue*

This is the name of the column where corresponding to specific row an image exist


### Example

Here is an example of a component that is using this keyword. Here an image will be clicked in column "Date\_Field" corresponding to a row provided in parameter Record\_Number of Calendar table.

 Operation	LoadData	
 Report Generated	VerifyExists_TKS	
 Calendar	SelectImageInCell_TKS	LocalParameter("Record_Number"),Parameter("Date_Field")

## SelectLinkInCell\_TKS

This keyword selects a link in a specified cell in a specified column in a specified table.

Item	Operation	Input	Output
 WebTable	SelectLinkInCell_TKS	LocalParameter("Record_Number"), "ColumnName",	

### Parameters

#### *RecordNumber*




This is the record number of the link to be selected. This should be a number or numeric string and is typically a LocalParameter that is the output of a step prior to this one.

#### *ColumnName*

This is the name of the column where corresponding to specific row a link exist



### Example

Here is an example of a component that is using this keyword selects a link in a Order\_Type Column corresponding to row provided in parameter Record\_Number of "Change" table.

 Change...	VerifyExists_TKS		
 Change...	GetRecordByValueExpandTabl...	"Line",Parameter("Line"),"False","ChildVal","true","alt","20"	LocalParameter("Record_Number")
 Change...	SelectLinkInCell_TKS	LocalParameter("Record_Number"),"Order_Type"	

## SelectMore\_TKS

This keyword selects a specified item in a list of values only if the specified list exists. If the value is not found, the "More..." value will be selected and then searches the list of values returned for the value to select. If no data value is specified, this step is skipped and execution will continue.

Item	Operation	Input	Output
 SF_WebList  WebList	SelectMore_TKS	Parameter("DataValue"), Parameter("SearchBy")	

### Parameters

#### DataValue

This is the value to search for and select in the drop-down list of values.

#### SearchBy




This is the column name in which to search for the specified value after the More... value is selected.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit Field with the index provided in the Index column of the datasheet. Next the Payment SF\_WebCheckBox will be checked or unchecked based on the value provided in the Payment column of the datasheet. Then the value provided in the State column of the datasheet will be selected from the list of the State SF\_WebList Field. If the value isn't found at first, the More button will be clicked and the value will be searched for in the column provided in the Search\_By column of the datasheet.


 County	EnterByIndex_TKS	Parameter("County"),Parameter("Index")
 Payment	SelectWait_TKS	Parameter("Payment")
 State	SelectMore_TKS	Parameter("State"),Parameter("Search_By")

Here is an example of a component that is using this keyword. The order of the steps are to select the value provided in the Tax\_Format column of the datasheet from the list of the Tax Format WebList. If the value isn't found at first, the More button will be clicked and the value will be searched for in the column provided in the Search\_Value column of the datasheet. Next Template Management Tab browser will be closed if it is found open and then the Link that is provided in the Link column of the datasheet will be clicked.

 Tax Format	SelectMore_TKS	Parameter("Tax_Format"),Parameter("Search_Value")
 Template Management Tab	ClosetExist_TKS	
 Template Management Tab Create Template: General Information	ClickLink_TKS	Parameter("Link")

## SelectRadioGroupIfExist\_TKS

This keyword Selects radiogroup item, if table and searched value exist in a specified column.

Item	Operation	Input	Output
 WebTable	SelectRadioGroupIfExist_TKS	Parameter("SearchTable "), Parameter("ColumnName"), Parameter("DataValue"), Parameter("RadioGroupColumnName")	

### Parameters

#### *SearchTable*

Table in which to search for radio group item.

#### *ColumnName*

Column in the specified table to search for radio group item.

#### *DataValue*

Partial value of the link to click in the target table.

#### *RadioGroupColumnName*

Column that contains radiogroup.

### Example

Here is an example of a component that is using this keyword. Select radiogroup item by index in RadioGroupColumnName column and record number found by searching for DataValue in ColumnName column of Table if table exists.

 Leads



 Leads



```
VerifyExists_TKS
SelectRadioGroup_TKS LocalParameter("Record_Number"),Parameter("Search"),Parameter("From"),2
```

## SelectWait\_TKS

This keyword check/uncheck a check Box, then waits one second.

Item	Operation	Input	Output
 SF_WebCheckBox			
 WebCheckBox	SelectWait_TKS	Parameter("checkboxstatus")	

### Parameters

#### *DataValue*




This is the value to search for.

#### *checkboxstatus*

This is the status to set the checkbox/ SF\_WebCheckBox to and is typically a component parameter with the value being taken from the datasheet at runtime. If the value is set to <ON>, the checkbox/ SF\_WebCheckBox will be checked. If the value is set to <OFF>, the checkbox/ SF\_WebCheckBox will be unchecked.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the Search\_Keyword column of the datasheet into the Search Keyword WebEdit Field. Then the Show All Sites checkbox will be checked or unchecked based on the value provided in the Show\_All\_Sites column of the datasheet if the checkbox is found in the application. Next the Search By Name or Number checkbox will be checked or unchecked based on the value provided in the Search\_By\_Name\_or\_Number column of the datasheet.

 Search Keyword	Enter_TKS	Parameter("Search_Keyword")
 Show All Sites	SelectCheckBoxIfExist_TKS	Parameter("Show_All_Sites")
 Search By Name or Number	SelectWait_TKS	Parameter("Search_By_Name_or_Number")




Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit Field with the index provided in the Index column of the datasheet. Next the Payment SF\_WebCheckBox will be checked or unchecked based on the value provided in the Payment column of the datasheet. Then the value provided in the State column of the datasheet will be selected from the list of the State SF\_WebList Field. If the value isn't found at first, the More button will be clicked and the value will be searched for in the column provided in the Search\_By column of the datasheet.

 County	EnterByIndex_TKS	Parameter("County"),Parameter("Index")
 Payment	SelectWait_TKS	Parameter("Payment")
 State	SelectMore_TKS	Parameter("State"),Parameter("Search_By")



## SetObjectIndexByWebTableParent\_TKS

This keyword sets a WebButton test object index based on inner text of one of the parent tables. Make sure the index property is set in the object repository prior to using this keyword.

Item	Operation	Input	Output
 WebButton  Image  WebTable	SetObjectIndexByWebTableParent_TKS	Parameter("InnerTextStart")	




### Parameters

*InnerTextStart*

This is the identifier of the parent table and is typically a constant value provided in the component steps.

### Example




Here is an example of a component that is using this keyword for webbutton object. The order of the steps are to enter the values provided in the Note\_To Buyer and Note\_To\_Supplier columns of the datasheet into the Note To Buyer and Note To Supplier WebEdit Fields. Then the index of the Add Attachment button will be set based on the parent table "Add Attachment".

 Note To Buyer	Enter_TKS	Parameter("Note_To_Buyer")
 Note To Supplier	Enter_TKS	Parameter("Note_To_Supplier")
 Add Attachment	SetObjectIndexByWebTableParent_TKS	"Add Attachment"

Here is an example of a component that is using this keyword for image object. The order of the steps are to verify that the Add Attachment Page is open and then set the index of the Show More Search Options Image if its WebTable Parent has an inner text value of "Show More Search Options". Then the value provided in the Add column of the datasheet will be selected from the list of the Add WebList Field.




 Add Attachment	VerifyExists_TKS	
 Show More Search Options	SetObjectIndexByWebTableParent_TKS	"Show More Search Options"
 Add	Select_TKS	Parameter("Add")

Here is an example of a component that is using this keyword for webtable object. The order of the steps are to verify that Lead Page is open and then set the index of the Leads WebTable if its WebTable Parent has an inner text value of "Leads".

 Leads	VerifyExists_TKS	
 Leads 	SetObjectIndexByWebTableParent_TKS	"NewCalender"


## SetToParameter\_TKS

This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.

Item	Operation	Input	Output
 WebButton  Image  WebTable	SetToParameter_TKS		LocalParameter("WebButtonObj")  LocalParameter("ImageObj")  LocalParameter("WebTableObj")

### Examples


Here is an example of a component that is using this keyword for webbutton. The order of the steps are to enter the values provided in the Note\_To Buyer and Note\_To\_Supplier columns of the datasheet into the Note To Buyer and Note To Supplier WebEdit Fields. Then the Add Attachment button will be set to the LocalParameter Add\_Attachment for use later in the component.

 Note To Buyer	Enter_TKS	Parameter("Note_To_Buyer")	
 Note To Supplier	Enter_TKS	Parameter("Note_To_Supplier")	
 Add Attachment	SetToParameter_TKS		LocalParameter("Add_Attachment")

Here is an example of a component that is using this keyword for an image. The order of the steps are to verify that the Add Attachment Page is open and then set the Show More Search Options Image object to a LocalParameter called Show\_More\_Search\_Options so it can be used later in the component. Then the value provided in the Add column of the datasheet will be selected from the list of the Add WebList Field.


 Add Attachment	VerifyExists_TKS		
 Show More Search Options	SetToParameter_TKS		LocalParameter("Show_More_Search_Options")
 Add	Select_TKS	Parameter("Add")	

Here is an example of a component that is using this keyword for webtable. The order of the steps are to verify that the Leads page is open within 90 seconds. Then the "Leads" table will be set to the LocalParameter "tempTable" for use later in the component.

 Leads	VerifyExists_TKS		
 Leads	SetToParameter_TKS		LocalParameter("tempTable")

## SetWebRecordNumber\_TKS

This Function Outputs the 'RecordNumber' to the output or local parameter of the component. Used in keyword/non-scripted components.

Item	Operation	Input	Output
 WebTable	SetWebRecordNumber_TKS	LocalParameter("RecordNumber")	

### Parameters

*RecordNumber*




This is the record number of the record into which to enter data. Use "New" to select the next new record location.

### Example

Function Description : Passes RecordNumber from a variable to an Output Parameter for web table.

## Sync\_TKS

This keyword syncs for specified object until a set amount of seconds or a specified message appears on the status bar.

Item	Operation	Input	Output
 Browser  Page  Frame	Sync_TKS	Parameter("Status_Bar_Message"), Parameter("Timeout")	

### Parameters

#### *Status\_Bar\_Message*


This the expected message on the browsers status bar.

#### *Timeout*

This is the time to wait in seconds until the browser navigation is completed.

### Examples




Here is an example of a component that is using this keyword for a browser type object. The order of the steps are to select the value provided by the Tax\_Format column of the datasheet from the list of the Tax Format WebList Field. The next step is to sync until the status bar message is equal to the value provided in the Status\_Bar\_Message column of the datasheet or until the number of seconds provided in the Timeout column of the datasheet have passed. Then the link specified by the values provided in the Link\_Path and Index columns of the datasheet will be clicked.

 Tax Format	SelectWait_TKS	Parameter("Tax_Format")
 Oracle Bill Presentment Template Management Tab	Sync_TKS	Parameter("Status_Bar_Message"),Parameter("Timeout")
 Template Management Tab Create Template: General Information	NavigateLinkPath_TKS	Parameter("Link_Path"),Parameter("Index")

Here is an example of a component that is using this keyword for a Page type object. The order of the steps are to sync until the status bar message is equal to the value provided in the Status\_Bar\_Message column of the datasheet or until the number of seconds provided in the Timeout column of the datasheet have passed. Then the values provided in the Hyperlink\_Name and Hyperlink\_Description columns of the datasheet will be entered into the Hyperlink Name and Hyperlink Description WebEdit Fields.


 Configuration Tab Search Hyperlink	Sync_TKS	Parameter("Status_Bar_Message"),Parameter("Timeout")
 Hyperlink Name	Enter_TKS	Parameter("Hyperlink_Name")
 Hyperlink Description	Enter_TKS	Parameter("Hyperlink_Description")

Here is an example of a component that is using this keyword for a frame type object. The order of the steps are to verify that the Search and Select List Page is open and to sync until the status bar message is equal to the value provided in the Status\_Bar\_Message column of the datasheet or until the number of seconds provided in the Timeout column of the datasheet have passed. Then the value provided in the Search\_By column of the datasheet will be selected from the list of the searchBy WebList Field.

 Search and Select List	VerifyExists_TKS	
 Frame	Sync_TKS	Parameter("Status_Bar_Message"),Parameter("Timeout")
 searchBy	SelectWait_TKS	Parameter("Search_By")

## TriageReportWeb

This function Gather information about the current state of web forms during reporting events. This information is then reported along with the original event.

Item	Function	Input	Output
 Operation	TriageReportWeb	Parameter("eventStatus") Parameter("reportStepName") Parameter("details") Parameter("currentObj")	

### Parameters

*eventStatus*

Event Status- micFail, micPass, micDone, micWarning.

*reportStepName*

This is description of step to be executed.

*Details*

Description of step & Error details

*currentObj*

Current Object.

### Return Values










The Navigator screen is returned after clicking on link to navigate to navigator web.

### Example

Description      Gather information about the current state of Web forms during reporting events. This information is then reported along with the original event.

## VerifyDefault\_TKS

This keyword verifies that there is a default value for the field.

Item	Operation	Input	Output
 Link	VerifyDefault_TKS		
 WebElement			
 SF_WebList			
 WebList			
 SF_WebEdit			
 WebEdit			
 WebFile			
 SF_WebCheckBox			
 WebCheckBox			




### Parameters

### Examples



Here is an example of a component that is using this keyword. The order of the steps are to verify that the View Invoices Tab Invoice Details Page is open and then verifies that the Hold Reasons Link has a default value. Then the value in the InvoiceDate WebElement Field will be compared to the value provided in the Invoice\_Date column of the datasheet to verify that they are equal.

 View Invoices Tab Invoice Details	VerifyExists_TKS	
 Hold Reasons	VerifyDefault_TKS	
 InvoiceDate	Verify_TKS	Parameter("Invoice_Date")



Here is an example of a component that is using this keyword. The order of the steps are to verify that the value in the ApprovedDate WebElement Field is equal to the value provided in the Approved\_Date column of the datasheet and then verify that the Supplier WebElement has a default value. Next the value in the Currency WebElement will be examined and if it contains the text from the Left\_String and Right\_String columns of the datasheet. If it contains the values, the value will be compared to the value provided in the Currency column of the datasheet.

 ApprovedDate	Verify_TKS	Parameter("Approved_Date")
 Supplier	VerifyDefault_TKS	
 Currency	VerifyPartialText_TKS	Parameter("Left_String"),Parameter("Right_String"),Parameter("Currency")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the County SF\_WebEdit field has a default value. Then the status of the Payment SF\_WebCheckBox will be verified against the value provided in the Payment column of the datasheet. Next it will be verified that the State SF\_WebList Field has a default value.

 County	VerifyDefault_TKS	
 Payment	Verify_TKS	Parameter("Payment")
 State	VerifyDefault_TKS	




Here is an example of a component that is using this keyword. The order of the steps are to verify that the Supplementary Data Source WebList Field has a default value and then verify that the value provided in the Tax\_Format column of the datasheet is equal to the value in the Tax Format WebList Field. Next the value provided in the Search\_Value column of the datasheet will be searched for in the location provided by the values provided in the add\_x and add\_y columns of the datasheet and then the link provided in the Link column of the datasheet will be clicked.

 Supplementary Data Source	VerifyDefault_TKS	
 Tax Format	Verify_TKS	Parameter("Tax_Format")
 Template Management Tab Create Template: General Information	SearchAndClickLink_TKS	Parameter("Search_Value"),Parameter("add_x"),Parameter("add_y"),Parameter("Link")


Here is an example of a component that is using this keyword. The order of the steps are to verify that the County SF\_WebEdit field has a default value. Then the status of the Payment SF\_WebCheckBox will be verified against the value provided in the Payment column of the datasheet. Next it will be verified that the State SF\_WebList Field has a default value.

 County	VerifyDefault_TKS	
 Payment	Verify_TKS	Parameter("Payment")
 State	VerifyDefault_TKS	




Here is an example of a component that is using this keyword. The order of the steps are to verify that the Configuration Tab Search Hyperlink Page is open. Then it will be verified that the Hyperlink Name WebEdit field has a default value. Next it will be verified that the value provided in the Hyperlink\_Description column of the datasheet is equal to the value in the Hyperlink Description WebEdit field.

 Configuration Tab Search Hyperlink	VerifyExists_TKS	
 Hyperlink Name	VerifyDefault_TKS	
 Hyperlink Description	Verify_TKS	Parameter("Hyperlink_Description")

Here is an example of a component that is using this keyword. The order of the steps are to verify that Note\_To\_Supplier WebFile field will be verified that the value provided in the that Note\_To\_Supplier column of the datasheet is equal to the value in the that Note\_To\_Supplier WebFile field.

 Note To Supplier	Verify_TKS	Parameter("Note_To_Supplier")
 Checkout Approvers	SelectImage_TKS	Parameter("Button_Label")


Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the County column of the datasheet into the County SF\_WebEdit field if it is found in the application. Then it will be verified that the Payment SF\_WebCheckBox has a default value. Next the partial value provided in the State column of the datasheet will be selected from the list of the State SF\_WebList Field.

 County	EnterIfExist_TKS	Parameter("County")
 Payment	VerifyDefault_TKS	
 State	SelectSubString_TKS	Parameter("State")

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the Search\_Keyword column of the datasheet into the Search Keyword WebEdit Field and then the Show All Sites checkbox





status will be compared to the value provided in the Show\_All\_Sites column of the datasheet to verify that they are equal. Next the Search By Name or Number checkbox will be examined to verify if it has a default value or not.

 Search Keyword	Enter_TKS	Parameter("Search_Keyword")
<input checked="" type="checkbox"/> Show All Sites	Verify_TKS	Parameter("Show_All_Sites")
<input checked="" type="checkbox"/> Search By Name or Number	VerifyDefault_TKS	

## VerifyFieldDefault\_TKS

This keyword Checks to see if table field has a default.

Item	Operation	Input	Output
 WebTable  SF_WebTable	VerifyFieldDefault_TKS	LocalParameter("Record_Number"), "ColumnName"	

### Parameters

*RecordNumber*




This is the record number(row) of the cell with the value to be verified.

*ColumnName*


This is the column name or index of the cell with the value to be verified.

### Example

Here is an example of a component that is using this keyword for a WebTable type object. Verify if the specified row, column has a default value. Verify Test Object Name test Object Type has a default value in column record.


 Change Order Review an...	VerifyExists_TKS		
 Change Requisition Details	GetRecordByValueMulti...	"Line",Parameter("Line"),"False","NextTableObj...	LocalPar...
 Change Requisition Details	VerifyFieldDefault_TKS	LocalParameter("Record_Number"),"Line"	

Here is an example of a component that is using this keyword for a SF\_WebTable type object. Verify if the specified row, column has a default value. Verify Test Object Name test Object Type has a default value in column record.

 Report Generated table	EnterField_TKS	LocalParameter("Record_Number"),"Range",Parameter("Range")	
 Report Generated table	VerifyFieldDefault_TKS	LocalParameter("Record_Number"),Parameter("Range")	

## VerifyFieldRounded\_TKS

This keyword Verifies that a specified value is in a specified field in a specified table.

Item	Operation	Input	Output
 WebTable	VerifyFieldRounded_TKS	LocalParameter("Record_Number"), "ColumnName" Parameter("DataValue")	LocalParameter("Record_Number_2")

### Parameters

#### *RecordNumber*

This is the record number(row) of the cell with the value to be verified.

#### *ColumnName*

This is the column name or index of the cell with the value to be verified.

#### *DataValue*

This is the data value to be verified.

### Return Values

RecordNumber of the verified Record.


### Example

Here is an example of a component that is using this keyword for a WebTable type object. Verifies that a specified value is in a specified field in a specified table, based on test data sheet. Verifies that DataValue is in ColumnName column and RecordNumber row of the Test Object Name Test Object Type.

Change Order Review an...	VerifyExists_TKS		
Change Requisition Details	GetRecordByValueMulti...	"Line",Parameter("Line"),"False","NextTableObj...	LocalParameter(...
Change Requisition Details	VerifyFieldRounded_TKS	LocalParameter("Record_Number"),"Line",Para...	<p_VerifyFiel...
Change Requisition Details	VerifyField TKS	LocalParameter("Record Number")."Order Tvo...	

## VerifyPartialText\_TKS

This keyword verifies that a specified value is in a specified element between specified boundaries.

Item	Operation	Input	Output
 SF_WebElement	VerifyPartialText_TKS	Parameter("LeftString"), Parameter("RightString"), Parameter("DataValue")	

### Parameters

#### *LeftString*

This is the text preceding the one to be verified. It can be left blank.

#### *RightString*




This is the text that is after the one to be verified. It can be left blank.

#### *DataValue*

This is the value to be verified.


### Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the value in the ApprovedDate WebElement Field is equal to the value provided in the Approved\_Date column of the datasheet and then verify that the Supplier SF\_WebElement has a default value. Next the value in the Currency SF\_WebElement will be examined and if it contains the text from the Left\_String and Right\_String columns of the datasheet. If it contains the values, the value will be compared to the value provided in the Currency column of the datasheet.

 ApprovedDate	Verify_TKS	Parameter("Approved_Date")
 Supplier	VerifyDefault_TKS	
 Currency	VerifyPartialText_TKS	Parameter("Left_String"),Parameter("Right_String"),Parameter("Currency")

## VerifyWithSearch\_TKS

This keyword Finds record corresponding to search value and verifies value in verified column for the record found.

Item	Operation	Input	Output
 WebTable	VerifyWithSearch_TKS	" SearchColumnName", Parameter("searchValue"), Parameter("VerifyColumnName"), Parameter("DataValue")	LocalParameter("Record_Number")

### Parameters

*SearchColumnName*

Column in which to search for the record number for unique value.

*searchValue*

Unique value to search by.

*VerifyColumnName*




Column in which value to be verified should be located.

*DataValue*

Value to be verified with the web table value.


### Example

Here is an example of a component that is using this keyword. Verifies that DataValue is in VerifyColumnName column and record number found by searching for searchValue in SearchColumnName column of webtable Notes & Attachments.

 Contact Details	VerifyExists_TKS		
 Notes & Attachments	GetRecordByValue_TKS	Parameter("Search_Criteria")	LocalParameter("Record_N
 Notes & Attachments	VerifyWithSearch_TKS	LocalParameter("Record_Number"),"20","Action",Parameter("Action")	

## VerifyWithSearchByIndex\_TKS

This keyword verifies that specific value matches a table value.

Item	Operation	Input	Output
 WebTable	VerifyWithSearchByIndex_TKS	" SearchColumnName", Parameter("searchValue"), Parameter("VerifyColumnName"), Parameter("DataValue"), Parameter("IndexValue")	LocalParameter("Record_Number")

### Parameters

*SearchColumnName*

Column in which to search for the record number for unique value.

*searchValue*

Unique value to search by.

*VerifyColumnName*

Column in which value to be verified should be located.

*DataValue*

Value to be verified with the web table value.

*IndexValue*

This is the index of the specified button.

### Example

Here is an example of a component that is using this keyword Verifies that DataValue starting from index is in VerifyColumnName column and record number found by searching for searchValue in SearchColumnName column of Table Notes & Attachments.

Contact Details	VerifyExists_TKS		
Notes & Attachments	GetRecordByValue_TKS	Parameter("Search_Criteria")	LocalParameter("Record_Nu
Notes & Attachments	VerifyWithSearchByIn...	LocalParameter("Record_Number"), "20", "Action", Parameter("Action"), "1"	