

# TKS Web Keywords

User guide 2016



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# **TKS Web Keywords**

This is a reference for information about the keywords used for the Web.



# Web Keyword Help

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# **TKS Web Standard Keywords**

### Modules:

| Browser        | Custom Functions for use with "Browser" Test Objects.       |
|----------------|---|
| Dialog         | Custom Functions for use with "Dialog" Test Objects.        |
| 🕌 <u>Frame</u> | Custom Functions for use with "Frame" Test Objects.         |
| 🕌 <u>Image</u> | Custom Functions for use with "Image" Test Objects.         |
| 👬 Link         | Custom Functions for use with "Link" Test Objects.          |
| 🚔 <u>Page</u>  | Custom Functions for use with "Page" Test Objects.          |
| MebButton      | Custom Functions for use with "WebButton" Test Objects.     |
| MebCheckBox    | Custom Functions for use with "WebCheckBox" Test Objects.   |
| MebEdit        | Custom Functions for use with "WebEdit" Test Objects.       |
| MebElement     | Custom Functions for use with "WebElement" Test Objects.    |
| MebFile        | Custom Functions for use with "WebFile" Test Objects.       |
| MebList        | Custom Functions for use with "WebList" Test Objects.       |
| MebRadioGroup  | Custom Functions for use with "WebRadioGroup" Test Objects. |
| MebTable       | Custom Functions for use with "WebTable" Test Objects.      |
| MinButton      | Custom Functions for use with "WinButton" Test Objects.     |
| MinComboBox    | Custom Functions for use with "WinComboBox" Test Objects.   |
| MinEdit        | Custom Functions for use with "WinEdit" Test Objects.       |



# **TKS Web Standard Keywords**

Modules:

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| <b>Dialog</b>  | Custom Functions for use with "Dialog" Test Objects.        |
| 🚔 <u>Frame</u> | Custom Functions for use with "Frame" Test Objects.         |
| 🕌 <u>Image</u> | Custom Functions for use with "Image" Test Objects.         |
| Link           | Custom Functions for use with "Link" Test Objects.          |
| 🚔 <u>Page</u>  | Custom Functions for use with "Page" Test Objects.          |
| MebButton      | Custom Functions for use with "WebButton" Test Objects.     |
| WebCheckBox    | Custom Functions for use with "WebCheckBox" Test Objects.   |
| MebEdit        | Custom Functions for use with "WebEdit" Test Objects.       |
| MebElement     | Custom Functions for use with "WebElement" Test Objects.    |
| MebFile        | Custom Functions for use with "WebFile" Test Objects.       |
| MebList        | Custom Functions for use with "WebList" Test Objects.       |
| MebRadioGroup  | Custom Functions for use with "WebRadioGroup" Test Objects. |
| MebTable       | Custom Functions for use with "WebTable" Test Objects.      |
| MinButton      | Custom Functions for use with "WinButton" Test Objects.     |
| MinComboBox    | Custom Functions for use with "WinComboBox" Test Objects.   |
| MinEdit        | Custom Functions for use with "WinEdit" Test Objects.       |



### Browser

Custom Functions for use with "Browser" Test Objects.

| Name                                 | Description   |
|--------------------------------------|---|
| CaptureScreenClip TKS                | This keyword captures a screenclip of the application and saves the image to the run results. |
| <sup>≝</sup> <u>VerifyExists_TKS</u> | This keyword verifies that a specified Browser window opens.                                  |



# Dialog

Custom Functions for use with "Dialog" Test Objects.

| Name                          | Description  |
|-------------------------------|--|
| <sup>≅</sup> VerifyExists TKS | This keyword verifies that a specified Dialog window |
|                               | opens.   |



# Frame

Custom Functions for use with "Frame" Test Objects.

| Name                 | Description   |
|----------------------|---|
| ClickButtonText_TKS  | This keyword clicks a button on a window that displays the text in the LabelText parameter. |
| ClickLink_TKS        | This keyword clicks a specified hyper link.   |
| NavigateLinkPath_TKS | This keyword drills down to a matching link in a the specified link path and index.         |
| SerifyExists TKS     | This keyword verifies that a specified Frame window opens.                                  |



# Image

Custom Functions for use with "Image" Test Objects.

| Name      | Description  |
|-----------|--|
| Click TKS | This keyword clicks an Image if the ClickStatus is set to <on>. If the Image does not exist, execution will continue.</on> |



# Link

Custom Functions for use with "Link" Test Objects.

| Name                           | Description   |
|--------------------------------|---|
| Click_TKS                      | This keyword clicks a Link if the ClickStatus is set to <on>. If the Link does not exist, execution will continue.</on>   |
| OutputToSheet_TKS              | This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.  |
| <sup>l</sup> <u>Verify_TKS</u> | This keyword verifies that the actual value in the link<br>matches the expected value in the datasheet. If the<br>expected value is left empty, this step will be skipped and<br>execution will continue. |
| VerifyDefault_TKS              | This keyword checks to see if a field has a default value.<br>It is used with generic test objects to change their<br>identifying properties at runtime.  |



# Page

Custom Functions for use with "Page" Test Objects.

| Name                 | Description   |
|----------------------|---|
| ClickButtonText_TKS  | This keyword clicks a button on a window that displays the text in the LabelText parameter. |
| ClickLink_TKS        | This keyword clicks a specified hyper link.   |
| NavigateLinkPath_TKS | This keyword drills down to a matching link in a the specified link path and index.         |
| SerifyExists TKS     | This keyword verifies that a specified Page window opens.                                   |



# WebButton

Custom Functions for use with "WebButton" Test Objects.

| Name      | Description   |
|-----------|---|
| Click TKS | This keyword clicks a WebButton if the ClickStatus is set to <on>. If the WebButton does not exist, execution will</on> |
|           | continue.   |



# WebCheckBox

Custom Functions for use with "WebCheckBox" Test Objects.

| Name                              | Description   |
|-----------------------------------|---|
| OutputToSheet_TKS                 | This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.  |
| Select_TKS                        | This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF). If no data value is specified, this step will be skipped and execution will continue.                              |
| <sup>less</sup> <u>Verify_TKS</u> | This keyword verifies that the actual value in the link<br>matches the expected value in the datasheet. If the<br>expected value is left empty, this step will be skipped and<br>execution will continue. |
| VerifyDefault_TKS                 | This keyword checks to see if a field has a default value.<br>It is used with generic test objects to change their<br>identifying properties at runtime.  |



# WebEdit

Custom Functions for use with "WebEdit" Test Objects.

| Name                            | Description   |
|---------------------------------|---|
| Enter TKS                       | This keyword optionally enters a value into a field after looking for tags.   |
| OutputToSheet_TKS               | This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.  |
| <sup>≝®</sup> <u>Verify_TKS</u> | This keyword verifies that the actual value in the link<br>matches the expected value in the datasheet. If the<br>expected value is left empty, this step will be skipped and<br>execution will continue. |
| VerifyDefault TKS               | This keyword checks to see if a field has a default value.<br>It is used with generic test objects to change their<br>identifying properties at runtime.  |



# WebElement

Custom Functions for use with "WebElement" Test Objects.

| Name                             | Description   |
|----------------------------------|---|
| <sup>≝®</sup> <u>Click_TKS</u>   | Clicks a specified button if OptionalClickStatus is set to<br>"TRUE" - do nothing if it is set to "FALSE", but log this in<br>Test Results.   |
| SutputToSheet_TKS                | This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.  |
| æ <sup>S</sup> <u>Verify_TKS</u> | This keyword verifies that the actual value in the link<br>matches the expected value in the datasheet. If the<br>expected value is left empty, this step will be skipped and<br>execution will continue. |
| VerifyDefault_TKS                | This keyword checks to see if a field has a default value.<br>It is used with generic test objects to change their<br>identifying properties at runtime.  |



# WebFile

Custom Functions for use with "WebFile" Test Objects.

| Name                | Description   |
|---------------------|---|
| Enter TKS           | This keyword optionally enters a value into a field after looking for tags.   |
| OutputToSheet_TKS   | This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.  |
| ₩ <u>Verify TKS</u> | This keyword verifies that the actual value in the link<br>matches the expected value in the datasheet. If the<br>expected value is left empty, this step will be skipped and<br>execution will continue. |
| VerifyDefault TKS   | This keyword checks to see if a field has a default value.<br>It is used with generic test objects to change their<br>identifying properties at runtime.  |



# WebList

Custom Functions for use with "WebList" Test Objects.

| Name  | Description   |
|---|---|
| OutputToSheet_TKS                             | This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.  |
| <sup>≝®</sup> <u>Select_TKS</u>               | This keyword selects a specified item in a list of values.<br>If no data value is specified, this step will be skipped and<br>execution will continue.  |
| <sup>щ™</sup> <u>Verify TKS</u>               | This keyword verifies that the actual value in the link<br>matches the expected value in the datasheet. If the<br>expected value is left empty, this step will be skipped and<br>execution will continue. |
| <sup>æ®</sup> <u>VerifyDefault</u> <u>TKS</u> | This keyword checks to see if a field has a default value.<br>It is used with generic test objects to change their<br>identifying properties at runtime.  |



# WebRadioGroup

Custom Functions for use with "WebRadioGroup" Test Objects.

| Name                            | Description   |
|---------------------------------|---|
| <sup>æ®</sup> <u>Select_TKS</u> | This keyword selects a specified radiobutton in a<br>WebRadioGroup. If no data value is specified, this step will<br>be skipped and execution will continue.  |
| SelectFromList_TKS              | This keyword selects a radio button based on a specified value from the provided list of values.  |
| Serify TKS                      | This keyword verifies that the actual value in the link<br>matches the expected value in the datasheet. If the<br>expected value is left empty, this step will be skipped and<br>execution will continue. |



# WebTable

Custom Functions for use with "WebTable" Test Objects.

| Name                               | Description  |
|------------------------------------|--|
| <sup>l</sup> <u>EnterField_TKS</u> | This keyword enters a value into a cell of a table and<br>supports WebEdit, WebList and WebCheckBox controls for<br>entering data. If the record number or the data value is<br>blank, it will skip the entry and continue with execution.<br>Check box cell values are "ON" or "OFF".   |
| SetRecordByValue TKS               | This keyword will return a web table record number (row)<br>based on a search value in a specified column. After the<br>execution of this keyword is complete, the record will<br>be selected. This function is limited to 100 records. The<br>VerifyMaxRows flag will go to the last record to get the<br>number of records in the table. |
| SerifyField_TKS                    | This keyword verifies a data value specified in a data sheet with a value in a cell in a table.  |



# WinComboBox

Custom Functions for use with "WinComboBox" Test Objects.

| Name       | Description  |
|------------|--|
| Select TKS | This keyword selects a specified item in a list of values.<br>If no data value is specified, this step will be skipped and |
|            | execution will continue.   |



# WinButton

Custom Functions for use with "WinButton" Test Objects.

| Name      | Description   |
|-----------|---|
| Click_TKS | This keyword clicks a WinButton if the ClickStatus is set to <on>. If the WinButton does not exist, execution will</on> |
|           | continue.   |



# WinEdit

Custom Functions for use with "WinEdit" Test Objects.

| Name                     | Description   |
|--------------------------|---|
| ≝ <sup>©</sup> Enter TKS | This keyword optionally enters a value into a field after |
|                          | looking for tags.   |



# **Standard Keywords**

### **Keywords:**

| CaptureScreenClip_TKS                                 | This keyword captures a screenclip of the application and saves the image to the run $r$   |
|---|--|
| <sup>25</sup> <u>Click_TKS</u>                        | This keyword clicks an Image, WebButton, Link, or WinButton if the ClickStatus is set exist, execution will continue.  |
| ClickButtonText_TKS                                   | This keyword clicks a button on a window that displays the text in the LabelText paran   |
| ClickLink_TKS   | This keyword clicks a specified hyper link.  |
| 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 V data. If the record number or the data value is blank, it will skip the entry and continu values are "ON" or "OFF".   |
| <sup>≝</sup> <sup>®</sup> <u>GetRecordByValue_TKS</u> | This keyword will return a web table record number (row) based on a search value in the execution of this keyword is complete, the record will be selected. This function is VerifyMaxRows flag will go to the last record to get the number of records in the table           |
| NavigateLinkPath TKS                                  | This keyword drills down to a matching link in a the specified link path and index.  |
| OutputToSheet TKS                                     | This keyword retrieves the value from the selected object and outputs it to the specific   |
| Select_TKS  | This keyword selects a specified item in a list of values. If no data value is specified, the will continue. If using this keyword for a checkbox, this keyword checks or unchecks a specifications (ON/OFF). If no data value is specified, this step will be skipped and exe |
| SelectFromList_TKS                                    | This keyword selects a radio button based on a specified value from the provided list o  |
| <sup>щ®</sup> <u>Verify_TKS</u>                       | This keyword verifies that the actual value in the link matches the expected value in the left empty, this step will be skipped and execution will continue.   |
| SerifyDefault_TKS                                     | This keyword checks to see if a field has a default value. It is used with generic test ol properties at runtime.  |
| <sup>20</sup> <u>VerifyExists_TKS</u>                 | This keyword verifies that a specified window opens.   |
| <sup>25</sup> <u>VerifyField_TKS</u>                  | This keyword verifies a data value specified in a data sheet with a value in a cell in a t   |



# CaptureScreenClip\_TKS

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

| Item             | Operation             | Input     | Output |
|------------------|-----------------------|-----------|--------|
| <i>S</i> 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 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")  |
|--|-----------------------|--|
| 👏 Oracle Bill Presentment 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")  |



# Click\_TKS

This keyword clicks an Image, WebButton, Link, or WinButton if the ClickStatus is set to <ON>. If the object 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 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. 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. 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. 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. 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_T | 'KS                       |
| 🚾 Yes          | Click_TKS       | Parameter("Click_Status") |

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 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.

| 🜮 Currency      | Verify_TKS        | Parameter("Currency")     |                         |
|-----------------|-------------------|---------------------------|-------------------------|
| 😚 AmountOrdered | Click_TKS         | Parameter("Click_Status") |                         |
| 😚 Global        | OutputToSheet_TKS | "Global_Out"              | Parameter("Global_Out") |



# ClickButtonText\_TKS

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

| Item  | Operation           | Input                     | Output |
|-------|---------------------|---------------------------|--------|
| Frame |                     |                           |        |
| Page  | 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 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")    |

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")  |
|--|-----------------------|--|
| 👏 Oracle Bill Presentment 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")  |



# ClickLink\_TKS

This keyword clicks a specified hyper link.

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

### Parameters

linktext

This is the text identifying the hyper link to click.

#### Example

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 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") |

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 Oracle 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") |
|--|------------------|---|
| 👏 Oracle Bill Presentment Template Management Tab                | CloselfExist_TKS |   |
| 🎦 Template Management Tab Create Template: General Information 👘 | ClickLink_TKS    | Parameter("Link")                                 |



# Enter\_TKS

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

| Item    | Operation | Input                  | Output |
|---------|-----------|------------------------|--------|
| WebEdit |           |                        |        |
| WebFile |           |                        |        |
| WinEdit | Enter_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 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 |                                   |
|--|------------------|-----------------------------------|
| 5 Template Name  | Enter_TKS        | Parameter("Template_Name")        |
| 5 Template Description   | Enter_TKS        | Parameter("Template_Description") |

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 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 "Oracle iProcurement: Checkout" 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")   |
|-----------------------|-----------------------|---------------------------------|
| 👏 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 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 |
|------------|----------------|-----------------------------|--------|
|            |                | LocalParameter("Record_Numb | er"),  |
| Im         |                | "ColumnName",               |        |
| 🖽 WebTable | EnterField_TKS | 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") |



# 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 | 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 Oracle iProcurement page opens. 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 Requisition column of the datasheet into the cell of the record provided by the LocalParameter("Record\_Number") and the Requisition column of the Requisition WebTable.

| 🗋 Oracle iProcurement | VerifyExists_TKS     |  |                                 |
|-----------------------|----------------------|--|---------------------------------|
| III Requisition       | GetRecordByValue_TKS | Parameter("Search_Criteria")   | LocalParameter("Record_Number") |
| III Requisition       | EnterField_TKS       | LocalParameter ("Record_Number"), "Requisition", Parameter ("Requisition") |                                 |



# NavigateLinkPath\_TKS

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

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

Here is an example of a component that is using this keyword. 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")            |



# 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      |                   |                   |                              |      |
| 5           |                   |                   |                              |      |
| WebCheckBox |                   |                   |                              |      |
| 📴 ' WebEdit |                   |                   |                              |      |
| <b>\$</b>   |                   |                   |                              |      |
| WebElement  |                   |                   |                              |      |
| 📴 ' WebFile |                   |                   |                              |      |
| 🔚 ' WebList | OutputToSheet_TKS | "SheetColumnName" | Parameter("SheetColumnName_O | ut") |

#### Parameters

#### SheetColumnName

This is the name of the column header in the spreadsheet to receive the output data. This must 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 View Invoices Tab Invoice Details 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.

| Piew Invoices Tab Invoice Details | 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 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") |                                 |
| 🌌 Show All Sites | OutputToSheet_TKS | "Show_All_Sites_Out"        | Parameter("Show_All_Sites_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 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.

| 🔊 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 value from the Note To Supplier WebFile field and save it to the Note\_To\_Supplier\_Out column in the Datasheet. Next, a screenclip of the Oracle iProcurement browser will be taken and saved to the run results with a description of "Oracle iProcurement: Checkout". Finally, the image with the name that is provided in the Button\_Label column of the Datasheet will be selected from the Checkout Approvers web page.

| 🚾 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 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")  |                                    |



# 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. If using this keyword for a checkbox, this keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF). If no data value is specified, this step will be skipped and execution will continue.

| Item                                    | Operation  | Input                       | Output |
|---|------------|-----------------------------|--------|
| WebList<br>WinComboBox<br>WebRadioGroup | Select_TKS | Parameter("DataValue")      |        |
| WebCheckBox                             | Select_TKS | Parameter("checkboxstatus") |        |

#### Parameters

DataValue (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 (WebRadioGroup)

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")  |
|--|-----------------------|--|
| 👏 Oracle Bill Presentment 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 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 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 verify that the iSupplier Portal: Supplier Agreements 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.

| 🚡 iSupplier Portal: Supplier Agreements Advanced Search | VerifyExists_TKS |  |
|---|------------------|--|
| 🔊 Advanced Search RadioGroup                            | Select_TKS       | Parameter("Advanced_Search_Radio_Group") |
| 😓 Operating Unit List                                   | Select_TKS       | Parameter("Operating_Unit_List")         |



# SelectFromList\_TKS

This keyword selects a radio button based on a specified value from the provided list of values.

| Item          | Operation          | Input                     | Output |
|---------------|--------------------|---------------------------|--------|
|               |                    | Parameter("DataValue"),   |        |
| WebRadioGroup | SelectFromList_TKS | Parameter("ListOfValues") |        |

#### Parameters

#### DataValue

This is the value of the radiobutton to select and is typically a component parameter with the value being taken from the datasheet at runtime.

#### ListOfValues

This is the list of displayed label values for the radiogroup and is typically a component parameter with the value being taken from the datasheet at runtime. Each item in the list should be separated by a comma.

#### Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the iSupplier Portal: Supplier Agreements 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 from the list of radiobuttons provided in the Search\_List column of the datasheet. 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.

| 🕞 iSupplier Portal: Supplier Agreements Advanced Search | VerifyExists_TKS   |   |
|---|--------------------|---|
| 🔊 Advanced Search RadioGroup                            | SelectFromList_TKS | Parameter("Advanced_Search_Radio_Group"),Parameter("Search_List") |
| 🚝 Operating Unit List                                   | Select_TKS         | Parameter("Operating_Unit_List")                                  |



# 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          |            |                        |        |
| WebCheckBox   |            |                        |        |
| WebEdit       |            |                        |        |
| 🌮 WebElement  |            |                        |        |
| WebFile       |            |                        |        |
| 🔙 ' WebList   |            |                        |        |
| WebRadioGroup | Verify_TKS | Parameter("DataValue") |        |

#### 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. 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.

| Diew 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. 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 |                             |

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 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 value in the Note To Supplier WebFile field matches the value provided by the user in the Note\_To\_Supplier column in the Datasheet. Next, a screenclip of the Oracle iProcurement browser will be taken and saved to the run results with a description of "Oracle iProcurement: Checkout". Finally, the image with the name that is provided in the Button\_Label column of the Datasheet will be selected from the Checkout Approvers web page.

| 🚾 Note To Supplier    | Verify_TKS            | Parameter("Note_To_Supplier")   |
|-----------------------|-----------------------|---------------------------------|
| 👏 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 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 Oracle iProcurement: Contractor Page is open. Then the status of the SupplierRadioGroup TKSWebRadioGroup will be verified against the value provided in the User\_Preferred\_Suppliers column of the datasheet.

| 🗋 Oracle iProcurement: Con | VerifyExists |                                       |  |
|----------------------------|--------------|---------------------------------------|--|
| SupplierRadioGroup         | Verify_TKS   | Parameter("User_Preferred_Suppliers") |  |

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Oracle iProcurement: Contractor Page is open. Then the status of the SupplierRadioGroup TKSWebRadioGroup will be verified against the value provided in the User\_Preferred\_Suppliers column of the datasheet.

| 🗋 Oracle iProcurement: Con | VerifyExists | -                    |                    |  |
|----------------------------|--------------|----------------------|--------------------|--|
| 🧔 User Preferred Suppliers | Verify_TKS   | Parameter("User_Pret | ferred_Suppliers") |  |



# VerifyDefault\_TKS

This keyword checks to see if a Link field has a default value. It is used with generic test objects to change their identifying properties at runtime.

| Item         | Operation         | Input | Output |
|--------------|-------------------|-------|--------|
| 🔊 Link       |                   |       |        |
| WebCheckBox  |                   |       |        |
| WebEdit      |                   |       |        |
| ✤ WebElement |                   |       |        |
| WebFile      |                   |       |        |
| 😼 ' WebList  | VerifyDefault_TKS | 5     |        |

#### 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 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 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 |                             |

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 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 Note To Supplier WebFile field has a default value in it. Next, a screenclip of the Oracle iProcurement browser will be taken and saved to the run results with a description of "Oracle iProcurement: Checkout". Finally, the image with the name that is provided in the Button\_Label column of the Datasheet will be selected from the Checkout Approvers web page.

| 🚾 Note To Supplier    | VerifyDefault_TKS     |                                 |
|-----------------------|-----------------------|---------------------------------|
| 👏 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 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") |



# VerifyExists\_TKS

This keyword verifies that a specified window opens.

| Item      | Operation       | Input | Output |
|-----------|-----------------|-------|--------|
| 🗭 Browser |                 |       |        |
| Page      |                 |       |        |
| Frame     |                 |       |        |
| Dialog    | VerifyExists_TK | s     |        |

#### 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 if it is found in the application and it will be verified that the Oracle Bill 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")                             |
|--|----------------------------|---|
| 👏 Oracle Bill 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. 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 |                                   |
|--|------------------|-----------------------------------|
| 5 Template Name  | Enter_TKS        | Parameter("Template_Name")        |
| 5 Template Description   | Enter_TKS        | Parameter("Template_Description") |

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 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. 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 |
|------------|-----------------|-----------------------------|--------|
|            |                 | LocalParameter("Record_Numb | er"),  |
| m          |                 | "ColumnName",               |        |
| 🖽 WebTable | VerifyField_TKS | 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.

#### 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 the value in the cell determined by the row saved into the LocalParameter Record\_Number and Template Name column will be compared to the value provided in the Template\_Name column of the datasheet to verify that they are equal.

| 📆 Template Name | GetRecordByValue_TKS   | Parameter("Search_Column"),Parameter("Search_Value"),"False"               | LocalParameter("Record_Number") |
|-----------------|------------------------|--|---------------------------------|
| 🕼 Operation     | SetOutputParameter_TKS | LocalParameter("Record_Number")  |                                 |
| 🚰 Template Name | VerifyField_TKS        | LocalParameter("Record_Number"),"Template Name",Parameter("Template_Name") |                                 |

Here is an example of a component that is using this keyword. The order of the steps are to Verify Oracle iProcurement page opens. 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 the value in the cell determined by the row saved into the LocalParameter Record\_Job\_Description column will be compared to the value provided in the Job\_Description column of the datasheet to verify that they are equal.

| 🗋 Oracle iProcurement | VerifyExists_TKS     |  |                                 |
|-----------------------|----------------------|--|---------------------------------|
| 🖽 Contractors         | GetRecordByValue_TKS | Parameter("Search_Criteria")   | LocalParameter("Record_Number") |
| 🖽 Contractors         | VerifyField_TKS      | LocalParameter("Record_Number"), "Job Description", Parameter("Job_Description") |                                 |



# **TKS Web Advanced Keywords**

## Modules:

| Browser            | Custom Functions for use with "Browser" Test Objects.       |
|--------------------|---|
| 📸 <u>Dialog</u>    | Custom Functions for use with "Dialog" Test Objects.        |
| 🕌 <u>Frame</u>     | Custom Functions for use with "Frame" Test Objects.         |
| 🏙 Image            | Custom Functions for use with "Image" Test Objects.         |
| 📸 <u>Link</u>      | Custom Functions for use with "Link" Test Objects.          |
| 📸 <u>Page</u>      | Custom Functions for use with "Page" Test Objects.          |
| 📸 WebButton        | Custom Functions for use with "WebButton" Test Objects.     |
| MebCheckBox        | Custom Functions for use with "WebCheckBox" Test Objects.   |
| 📸 <u>WebEdit</u>   | Custom Functions for use with "WebEdit" Test Objects.       |
| MebElement         | Custom Functions for use with "WebElement" Test Objects.    |
| 🏙 <u>WebFile</u>   | Custom Functions for use with "WebFile" Test Objects.       |
| 🏙 <u>WebList</u>   | Custom Functions for use with "WebList" Test Objects.       |
| MebRadioGroup      | Custom Functions for use with "WebRadioGroup" Test Objects. |
| 🏙 <u>WebTable</u>  | Custom Functions for use with "WebTable" Test Objects.      |
| 🚔 <u>WinButton</u> | Custom Functions for use with "WinButton" Test Objects.     |



# TKS Web Advanced Object Types

## Modules:

| Browser              | Custom Functions for use with "Browser" Test Objects.       |
|----------------------|---|
| 📸 <u>Dialog</u>      | Custom Functions for use with "Dialog" Test Objects.        |
| A Frame              | Custom Functions for use with "Frame" Test Objects.         |
| 🏙 Image              | Custom Functions for use with "Image" Test Objects.         |
| 🕌 Link               | Custom Functions for use with "Link" Test Objects.          |
| 🏙 <u>Page</u>        | Custom Functions for use with "Page" Test Objects.          |
| 🏙 <u>WebButton</u>   | Custom Functions for use with "WebButton" Test Objects.     |
| 🏙 <u>WebCheckBox</u> | Custom Functions for use with "WebCheckBox" Test Objects.   |
| 🏙 <u>WebEdit</u>     | Custom Functions for use with "WebEdit" Test Objects.       |
| 🏙 <u>WebElement</u>  | Custom Functions for use with "WebElement" Test Objects.    |
| 🏙 <u>WebFile</u>     | Custom Functions for use with "WebFile" Test Objects.       |
| 🏙 <u>WebList</u>     | Custom Functions for use with "WebList" Test Objects.       |
| MebRadioGroup        | Custom Functions for use with "WebRadioGroup" Test Objects. |
| 📸 <u>WebTable</u>    | Custom Functions for use with "WebTable" Test Objects.      |
| MinButton            | Custom Functions for use with "WinButton" Test Objects.     |



## Browser

Custom Functions for use with "Browser" Test Objects.

| Name                                   | Description   |
|--|---|
| Activate TKS                           | This keyword Activate a Browser window for use in a later function.   |
| CloseIfExist_TKS                       | This keyword closes the browser or window if it exists.   |
| <sup>2</sup> <sup>™</sup> Maximize_TKS | This keyword maximizes a Browser window for use in a later function.  |
| Minimize TKS                           | This keyword minimizes a Browser window for use in a later function.  |
| Sync_TKS                               | 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

OptionalDialogBoxApprove TKS

Description

This keyword verifies that a specified Dialog window opens.



# Frame

Custom Functions for use with "Frame" Test Objects.

| Name                          | Description   |
|-------------------------------|---|
| ClickButtonTextByIndex TKS    | This keyword clicks a specified button by its label and index values.   |
| NavigateLinkPathNew_TKS       | This keyword drills down to a matching link in a the specified link path and index.   |
| <sup>≝®</sup> <u>Sync_TKS</u> | This keyword syncs for specified object until a set amount<br>of seconds or a specified message appears on the status<br>bar. |



# Image

Custom Functions for use with "Image" Test Objects.

| Name                                  | Description  |
|---------------------------------------|--|
| SlickByIndex TKS                      | This keyword clicks a Image by its index.  |
| <sup>2</sup> <u>ClickIfExists</u> TKS | This keyword clicks an Image only if it exists. If it does not exist, execution will continue.   |
| SetObjectIndexByWebTableParent_TKS    | This keyword sets a test object index based on inner text<br>of one of the parent tables. Make sure the index property<br>is set in the object repository prior to using this keyword. |
| SetToParameter TKS                    | This keyword sets a test object to a Local Parameter.<br>If working with Scripted components, use the Set vbs<br>command.  |



## Link

Custom Functions for use with "Link" Test Objects.

| Name             | Description  |
|------------------|--|
| ClickIfExist_TKS | This keyword clicks a Link only if it exists. If it does not exist, execution will continue. |



# Page

Custom Functions for use with "Page" Test Objects.

| Name                       | Description   |
|----------------------------|---|
| ClickButtonTextByIndex_TKS | This keyword clicks a specified button by its label and index values.   |
| NavigateHomeWeb            | This function Clicks on Home or Close Window link in first<br>available web browser, or any other link that was sent<br>inside a list of links. |
| NavigateLinkPathNew TKS    | This keyword drills down to a matching link in a the specified link path and index.   |
| SearchAndClickLink_TKS     | This keyword searches for the specified link on a page determined by the add_x and add_y properties and selects it.                             |
| SelectIcon_TKS             | This keyword selects an icon based on the specified icon and an image column number.  |
| SelectImage TKS            | This keyword selects the specified image.   |
| SelectImageIfExist_TKS     | This keyword selects the specified image if it exists.  |
| Sync_TKS                   | This keyword syncs for specified object until a set amount<br>of seconds or a specified message appears on the status<br>bar.                   |



# WebButton

Custom Functions for use with "WebButton" Test Objects.

| Name                               | Description  |
|------------------------------------|--|
| ClickByIndex TKS                   | This keyword clicks a WebButton by its index.  |
| ClickIfExists TKS                  | This keyword clicks a button only if it exists. If it does not exist, execution will continue.   |
| SetObjectIndexByWebTableParent_TKS | This keyword sets a test object index based on inner text<br>of one of the parent tables. Make sure the index property<br>is set in the object repository prior to using this keyword. |
| SetToParameter_TKS                 | This keyword sets a test object to a Local Parameter.<br>If working with Scripted components, use the Set vbs<br>command.  |



# WebCheckBox

Custom Functions for use with "WebCheckBox" Test Objects.

| Name                      | Description   |
|---------------------------|---|
| SelectCheckBoxIfExist_TKS | This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF) only if the checkbox is found in the application. If no data value is specified, this step will be skipped and execution will continue. |
| SelectWait_TKS            | This keyword checks or unchecks a checkbox per the data<br>sheet specifications (ON/OFF) and then waits 1 second.<br>If no data value is specified, this step will be skipped and<br>execution will continue.                 |



# WebEdit

Custom Functions for use with "WebEdit" Test Objects.

| Name                                 | Description  |
|--------------------------------------|--|
| CopyFromExcel_TKS                    | This keyword Copies and pastes specified test data sheet content to a specified object.  |
| EnterByIndex_TKS                     | This keyword enters a specified value in an object by the object index value.  |
| <sup>≟</sup> <u>EnterIfExist_TKS</u> | This keyword allows a specified value to be entered into<br>a field only if it exists. If it does not exist, execution will<br>continue.   |
| EnterMore_TKS                        | This keyword enters a value into WebEdit. If the value<br>is not found in the initial list of acceptable values for the<br>field, the More option will be selected and the value will be<br>searched for in the column provided. |
| EnterMoreSlow_TKS                    | This keyword enters a value into WebEdit. If the value<br>is not found in the initial list of acceptable values for the<br>field, the More option will be selected and the value will be<br>searched for in the column provided. |
| EnterWait_TKS                        | This keyword optionally enters a value into a field after looking for tags then waits one second.  |



# WebElement

Custom Functions for use with "WebElement" Test Objects.

## Methods:

Name

# VerifyPartialText TKS

## Description

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



# WebFile

Custom Functions for use with "WebFile" Test Objects.

| Name              | Description  |
|-------------------|--|
| EnterMore TKS     | This keyword enters a value into WebFile. If the value is<br>not found in the initial list of acceptable values for the<br>field, the More option will be selected and the value will be<br>searched for in the column provided. |
| EnterMoreSlow TKS | This keyword enters a value into WebFile. If the value is<br>not found in the initial list of acceptable values for the<br>field, the More option will be selected and the value will be<br>searched for in the column provided. |



# WebList

Custom Functions for use with "WebList" Test Objects.

| Name                                | Description  |
|-------------------------------------|--|
| 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.  |
| <sup>≝®</sup> <u>SelectMore_TKS</u> | This keyword selects a specified item in a list of values<br>only if the specified list exists. If the value is not found,<br>the "More" value will be selected and then searches the<br>list of values returned for the value to select. If no data<br>value is specified, this step is skipped and execution will<br>continue. |
| SelectSubstring TKS                 | This keyword selects a specified partial value from a drop-<br>down list of values.  |
| SelectWait_TKS                      | This keyword selects a specified value from a selected drop-down list of values, then waits one second.  |



# WebRadioGroup

Custom Functions for use with "WebRadioGroup" Test Objects.

| Name              | Description   |
|-------------------|---|
| SelectByIndex TKS | This keyword selects a specified radiobutton by its index<br>in a WebRadioGroup. If no data value is specified or the<br>index is not found, this step will be skipped and execution<br>will continue.  |
| SelectIfExist_TKS | This keyword selects a specified radiobutton in a<br>WebRadioGroup only if it exists. If it is not found,<br>execution will continue without showing as failed. If no<br>data value is specified, this step will be skipped and<br>execution will continue. |



# WebTable

Custom Functions for use with "WebTable" Test Objects.

| ••                                     | <b>-</b> ···  |
|--|---|
| Name                                   | Description   |
| ClickButtonTillCellEquals TKS          | This keyword clicks a button object until the table<br>cells actual value matches the specified expected<br>value. This is valuable when scroll or wheel buttons<br>are used to change a record or value in a table cell.   |
| ClickItemInCell_TKS                    | This keyword selects an image or link in a specified column and record location in a specified table, if it exists.   |
| EnterAllRowsMultiplePages_TKS          | This keyword will enter value for all rows in the table<br>for maximum of MaxPages the record number, if not<br>will click on next link and will try to find it again   |
| EnterFieldByIndex TKS                  | This keyword enters a value into a cell of a table<br>and supports WebEdit, WebList and WebCheckBox<br>controls for entering data. If the record number or<br>the data value is blank, it will skip the entry and<br>continue with execution. Check box cell values are<br>"ON" or "OFF". Optionally enters a value in a specific<br>cell of a web table by index starting from zero. |
| EnterWithExactSearch TKS               | This keyword Enters value into row that matches the search criteria in a table.   |
| EnterWithExactSearchMore 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.   |
| EnterWithSearch TKS                    | This keyword Search for row, where search column<br>and value match and then enter DataValue into the<br>EnterColumnName column.  |
| 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.   |
| FindOptionRow TKS                      | This keyword Gets the record number of a specified object by searching a specific column for a specified value, then expands the item.  |
| <sup>≝¶</sup> <u>GetCellColumn_TKS</u> | This keyword will return column number by searching for a specified value and record number. Supports a wildcard search ("*") if regular expression is needed.  |
| SetPartialROPropertyFromCell TKS       | This keyword Outputs a value from a table to a test data sheet and to output parameter.   |
| SetRecordBy3Values TKS                 | This keyword will return a web table record number<br>(row) based on a search value in a specified column.<br>After the execution of this keyword is complete, the<br>record will be selected. This function is limited to 100<br>records. The VerifyMaxRows flag will go to the last<br>record to get the number of records in the table.  |
| SetRecordBy3ValuesMultiplePages TKS    | This keyword will return a web table record number (row) based on a search value in a specified column.   |





GetReportNumber\_TKS

OptionalClickButtonInCell\_TKS

After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table. This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will return a web table record number (row) based on search of up to three text values of cell context when there are gaps and some values could become below blank value. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will capture a record based on a search for a value in a specified column in a specified table.

The value can be searched for by use of a partial or exact match, determined by substring settings of True or False, ON or OFF. The search is run for a maximum number of pages.

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

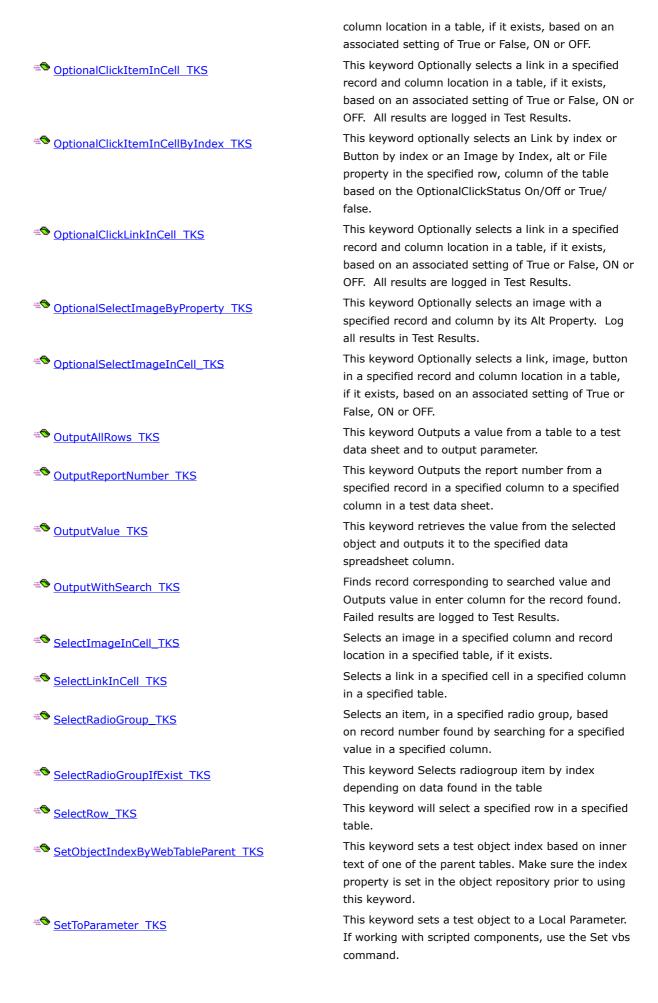
This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will return a web table record number (row) based on a search value in a specified column. Finds the row by searching for DataValue in specified column in the table. DataValue is matched partially or completely, depending on substring settings.

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

This keyword will return column number by searching for a specified value and record number. Supports a wildcard search ("\*") if regular expression is needed. Optionally selects a button in a specified record and







- SetWebRecordNumber\_TKS
- VerifyFieldByIndex\_TKS
- VerifyFieldContains TKS
- VerifyFieldDefault TKS
- VerifyPartialText\_TKS
- VerifyTableWithOffsetIndex\_TKS
- VerifyWithSearch TKS
- VerifyWithSearchByIndex TKS

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

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

This keyword verifies that a specified value is in a specified field in a specified table, based on test data sheet.

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

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

This keyword Verify value in field in table using column offset for tables with merged columns.

Finds record corresponding to searched value and verifies value in verified column for the record found. Failed results are logged to Test Results.

Finds record corresponding to searched value and verifies value in verified column for the record found. Failed results are logged to Test Results.



## WinButton

Custom Functions for use with "WinButton" Test Objects.

## Methods:

Name

## Description

ClickIfExists TKS

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



# **Advanced Keywords**

## **Keywords:**

| Name                                      | Description   |
|---|---|
| Activate_TKS                              | This keyword Activate a Browser window for use in a later function.   |
| ClickButtonTextByIndex_TKS                | This keyword clicks a specified button by its label and index values.   |
| ClickButtonTillCellEquals_TKS             | This keyword clicks a button object until the table<br>cells actual value matches the specified expected<br>value. This is valuable when scroll or wheel buttons<br>are used to change a record or value in a table cell.   |
| ClickByIndex_TKS                          | This keyword clicks a Image by its index.   |
| SclickIfExists TKS                        | This keyword clicks an Image only if it exists. If it does not exist, execution will continue.  |
| ClickItemInCell_TKS                       | This keyword selects an image or link in a specified column and record location in a specified table, if it exists.   |
| Science CloseIfExist_TKS                  | This keyword closes the browser if it exists.   |
| ScopyFromExcel_TKS                        | This keyword Copies and pastes specified test data sheet content to a specified object.   |
| EnterAllRowsMultiplePages_TKS             | This keyword will enter value for all rows in the table<br>for maximum of MaxPages the record number, if not<br>will click on next link and will try to find it again   |
| SenterByIndex_TKS                         | This keyword enters a specified value in an object by the object index value.   |
| <sup>■</sup> <u>EnterFieldByIndex_TKS</u> | This keyword enters a value into a cell of a table<br>and supports WebEdit, WebList and WebCheckBox<br>controls for entering data. If the record number or<br>the data value is blank, it will skip the entry and<br>continue with execution. Check box cell values are<br>"ON" or "OFF". Optionally enters a value in a specific<br>cell of a web table by index starting from zero. |
| SenterIfExist_TKS                         | This keyword allows a specified value to be entered<br>into a field only if it exists. If it does not exist,<br>execution will continue.  |
| <sup>≞</sup> EnterMore_TKS                | This keyword enters a value into TKSWebEdit. If<br>the value is not found in the initial list of acceptable<br>values for the field, the More option will be selected<br>and the value will be searched for in the column<br>provided.  |
| EnterMoreSlow_TKS                         | This keyword enters a value into TKSWebEdit. If<br>the value is not found in the initial list of acceptable<br>values for the field, the More option will be selected<br>and the value will be searched for in the column<br>provided.  |
| EnterWait TKS                             | This keyword optionally enters a value into a field after looking for tags then waits one second.   |
| EnterWithExactSearch_TKS                  | This keyword Enters value into row that matches the search criteria in a table.   |

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| EnterWithExactSearchMore_TKS | 5 |
|------------------------------|---|
|------------------------------|---|

- EnterWithSearch TKS
- EnterWithSearchMore TKS
- FindOptionRow\_TKS
- GetCellColumn TKS
- GetPartialROPropertyFromCell TKS
- GetRecordBy3Values TKS

GetRecordBy3ValuesMultiplePages\_TKS

GetRecordBy3ValuesMultiplePagesPlainText\_TKS

GetRecordBy3ValuesPlainText\_TKS

GetRecordBy3ValuesPlainTextWithGaps\_TKS

<sup>20</sup> <u>GetRecordByValueExpandTable\_TKS</u>

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.

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

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.

This keyword Gets the record number of a specified object by searching a specific column for a specified value, then expands the item.

This keyword will return column number by searching for a specified value and record number. Supports a wildcard search ("\*") if regular expression is needed. This keyword Outputs a value from a table to a test data sheet and to output parameter.

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will return a web table record number (row) based on search of up to three text values of cell context when there are gaps and some values could become below blank value. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

This keyword will capture a record based on a search for a value in a specified column in a specified table. The value can be searched for by use of a partial or exact match, determined by substring settings



|  | of True or False, ON or OFF. The search is run for a maximum number of pages.  |
|--|--|
| SetRecordByValueMultiplePages_TKS          | This keyword will return a web table record number<br>(row) based on a search value in a specified column.<br>After the execution of this keyword is complete, the<br>record will be selected. This function is limited to 100<br>records. The VerifyMaxRows flag will go to the last<br>record to get the number of records in the table. |
| SetRecordByValueMultiplePagesPlainText_TKS | This keyword will return a web table record number<br>(row) based on a search value in a specified column.<br>After the execution of this keyword is complete, the<br>record will be selected. This function is limited to 100<br>records. The VerifyMaxRows flag will go to the last<br>record to get the number of records in the table. |
| SetRecordByValuePlainText_TKS              | This keyword will return a web table record number<br>(row) based on a search value in a specified column.<br>Finds the row by searching for DataValue in specified<br>column in the table. DataValue is matched partially or<br>completely, depending on substring settings.  |
| GetReportNumber_TKS                        | This keyword Gets the report number from a specified record in a specified column.   |
| <sup>28</sup> <u>Maximize_TKS</u>          | This keyword maximizes a Browser window for use in a later function.   |
| <sup>≝®</sup> <u>Minimize_TKS</u>          | This keyword minimizes a Browser window for use in a later function.   |
| NavigateHomeWeb                            | This function Clicks on Home or Close Window link in first available web browser, or any other link that was sent inside a list of links.  |
| ** <u>NavigateLinkPathNew_TKS</u>          | This keyword drills down to a matching link in a the specified link path and index.  |
| OptionalClickButtonInCell_TKS              | This keyword will return column number by searching<br>for a specified value and record number. Supports a<br>wildcard search ("*") if regular expression is needed.<br>Optionally selects a button in a specified record and<br>column location in a table, if it exists, based on an<br>associated setting of True or False, ON or OFF.  |
| OptionalClickItemInCell 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.   |
| OptionalClickItemInCellByIndex_TKS         | This keyword optionally selects an Link by index or<br>Button by index or an Image by Index, alt or File<br>property in the specified row, column of the table<br>based on the OptionalClickStatus On/Off or True/<br>false.   |
| OptionalClickLinkInCell_TKS                | This keyword Optionally selects a link in a specified<br>record and column location in a table, if it exists,<br>based on an associated setting of True or False, ON or<br>OFF. All results are logged in Test Results.  |
| OptionalSelectImageByProperty_TKS          | This keyword Optionally selects an image with a  |

This keyword Optionally selects an image with a specified record and column by its Alt Property. Log all results in Test Results.



| OptionalSelectImageInCell_TKS      | This keyword Optionally selects a link, image, button<br>in a specified record and column location in a table,<br>if it exists, based on an associated setting of True or<br>False, ON or OFF.   |
|------------------------------------|--|
| OutputAllRows_TKS                  | This keyword Outputs a value from a table to a test data sheet and to output parameter.  |
| SoutputReportNumber_TKS            | This keyword Outputs the report number from a specified record in a specified column to a specified column in a test data sheet.   |
| OutputValue_TKS                    | This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.   |
| Search TKS                         | Finds record corresponding to searched value and<br>Outputs value in enter column for the record found.<br>Failed results are logged to Test Results.  |
| SearchAndClickLink_TKS             | This keyword searches for the specified link on a page determined by the add_x and add_y properties and selects it.  |
| SelectByIndex_TKS                  | This keyword selects a specified radiobutton by<br>its index in a WebRadioGroup. If no data value is<br>specified or the index is not found, this step will be<br>skipped and execution will continue.   |
| SelectCheckBoxIfExist TKS          | This keyword checks or unchecks a checkbox per<br>the data sheet specifications (ON/OFF) only if the<br>checkbox is found in the application. If no data value<br>is specified, this step will be skipped and execution<br>will continue.  |
| SelectIcon_TKS                     | This keyword selects an icon based on the specified icon and an image column number.   |
| 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.  |
| SelectImage_TKS                    | This keyword selects the specified image.  |
| SelectImageIfExist_TKS             | This keyword selects the specified image if it exists.   |
| SelectImageInCell TKS              | Selects an image in a specified column and record location in a specified table, if it exists.   |
| SelectLinkInCell_TKS               | Selects a link in a specified cell in a specified column in a specified table.   |
| <sup>l</sup> <u>SelectMore_TKS</u> | This keyword selects a specified item in a list of<br>values only if the specified list exists. If the value is<br>not found, the "More" value will be selected and<br>then searches the list of values returned for the value<br>to select. If no data value is specified, this step is<br>skipped and execution will continue. |
| SelectRadioGroup_TKS               | Selects an item, in a specified radio group, based<br>on record number found by searching for a specified<br>value in a specified column.  |
| SelectRadioGroupIfExist TKS        | This keyword Selects radiogroup item by index depending on data found in the table   |



| SelectRow_TKS                      | This keyword will select a specified row in a specified table.   |
|------------------------------------|--|
| SelectSubstring TKS                | This keyword selects a specified partial value from a drop-down list of values.  |
| SelectWait_TKS                     | This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF) and then waits 1 second. If this keyword is used for a list box, this keyword selects a specified value from a selected drop-down list of values, then waits one second. If no data value is specified, this step will be skipped and execution will continue. |
| SetObjectIndexByWebTableParent TKS | This keyword sets a test object index based on inner<br>text of one of the parent tables. Make sure the index<br>property is set in the object repository prior to using<br>this keyword.  |
| SetToParameter TKS                 | This keyword sets a test object to a Local Parameter.<br>If working with scripted components, use the Set vbs<br>command.  |
| SetWebRecordNumber_TKS             | This Function Outputs the 'RecordNumber' to the output or local parameter of the component. Used in keyword/non-scripted components.   |
| <sup>l</sup> ≊® <u>Sync_TKS</u>    | This keyword syncs for specified object until a set<br>amount of seconds or a specified message appears on<br>the status bar.  |
| VerifyFieldByIndex_TKS             | This keyword verifies a data value specified in a data sheet with a value in a cell in a table.  |
| VerifyFieldContains TKS            | This keyword verifies that a specified value is in a specified field in a specified table, based on test data sheet.   |
| VerifyFieldDefault_TKS             | This keyword Checks to see if table field has a default value.   |
| VerifyPartialText_TKS              | This keyword verifies that a specified value is in a specified element between specified boundaries.   |
| VerifyTableWithOffsetIndex_TKS     | This keyword Verify value in field in table using column offset for tables with merged columns.  |
| VerifyWithSearch_TKS               | Finds record corresponding to searched value and verifies value in verified column for the record found.<br>Failed results are logged to Test Results.   |
| VerifyWithSearchByIndex_TKS        | Finds record corresponding to searched value and verifies value in verified column for the record found.   |

Failed results are logged to Test Results.



# Activate\_TKS

This keyword Activate a Browser window for use in a later function.

| Item    | Operation    | Input | Output |
|---------|--------------|-------|--------|
| Srowser | Activate_TKS |       |        |

# Example

Here is an example of a component that is using this keyword. The order of the steps are to activate Change Order Browser & then Verify Change Order Review Page.

| 🔊 Change Order           | Activate_TKS     |
|--------------------------|------------------|
| 📄 Change Order Review an | VerifyExists_TKS |



# ClickButtonTextByIndex\_TKS

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

| Item  | Operation | Input   | Output |
|-------|-----------|---|--------|
| Frame |           | Parameter("ButtonLabel")<br>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 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")                       |

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 Oracle Bill 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")                             |
|--|----------------------------|---|
| 👏 Oracle Bill Presentment Template Management Tab                | VerifyExists_TKS           |   |
| 🔁 Template Management Tab Create Template: General Information 👘 | ClickButtonTextByIndex_TKS | Parameter("Button_Label"),Parameter("Button_Index") |



# 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 |
|------------|-------------------------------|--------------------------------------|--------|
|            |                               | LocalParameter("RecordNumber"),      |        |
|            |                               | "ColumnName",                        |        |
| 🔢 WebTable | ClickButtonTillCellEquals_TKS | "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" |
|---|---------------------------------------|---|
| III 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 Image by its index.

| Item        | Operation        | Input                   | Output |
|-------------|------------------|-------------------------|--------|
| 퇴 Image     |                  |                         |        |
| 🚰 WebButton | ClickByIndex_TKS | Parameter("IndexValue") |        |

## Parameters

IndexValue

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

## Example

Here is an example of a component that is using this keyword. 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")   |

Here is an example of a component that is using this keyword. 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")     |



# ClickIfExists\_TKS

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

| Item      | Operation         | Input | Output |
|-----------|-------------------|-------|--------|
| Image     |                   |       |        |
| Link      |                   |       |        |
| WebButton |                   |       |        |
| WinButton | ClickIfExists_TKS | 5     |        |

## Example

Here is an example of a component that is using this keyword. 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 it is found in the application. 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 | ClickIfExists_TKS |                  |
| 😓 Add                      | Select_TKS        | Parameter("Add") |

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") |

Here is an example of a component that is using this keyword. 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 it is found in the application.

| 🚾 Note To Buyer  | Enter_TKS         | Parameter("Note_To_Buyer")    |
|------------------|-------------------|-------------------------------|
| Note To Supplier | Enter_TKS         | Parameter("Note_To_Supplier") |
| 🚰 Add Attachment | ClickIfExists_TKS |                               |

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 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") |



# ClickItemInCell\_TKS

This keyword selects an image or link in a specified column and record location in a specified table, if it exists.

| Item         | Operation | Input  | Output |
|--------------|-----------|--|--------|
| 199 WebTable |           | LocalParameter("Record_Number"),<br>"ColumnName" |        |

#### 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. Column where link or image is located.

## Example

Here is an example of a component that is using this keyword. The order of the steps are to Verify Oracle iProcurement page opens. 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 Click link or Image in "Requisition" column and the value of the "Record\_Number" local parameter row of "Requisition" WebTable.

 □ Oracle iProcurement:...
 VerifyExists\_TKS

 Ⅲ Requisition
 GetRecordByValue\_TKS
 Parameter("Search\_Criteria")
 LocalParameter("Record\_Number"), "Requisition"

 Ⅲ Requisition
 ClickItemInCell\_TKS
 LocalParameter("Record\_Number"), "Requisition"



# CloseIfExist\_TKS

This keyword closes the browser if it exists.

| Item             | Operation        | Input | Output |
|------------------|------------------|-------|--------|
| <i>S</i> 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 Oracle 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") |
|--|------------------|---|
| 👏 Oracle Bill Presentment Template Management Tab                | CloselfExist_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 |
|---------|-------------------|------------------------|--------|
|         |                   | Parameter("DataFile"), |        |
| WebEdit | CopyFromExcel_TKS | 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 TKSWebEdit / 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 |
|------------|-------------------------------|------------------------|--------|
|            |                               | "ColumnName",          |        |
| m          |                               | Paramter("DataValue"), |        |
| 🚰 WebTable | EnterAllRowsMultiplePages_TKS | 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

#### MaxPages

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

## Example

Here is an example of a component that is using this keyword. The order of the steps are to Verify Oracle iProcurement page opens. Then Enter Name value in Contractors TKSWebTable Name column until 20 pages are reached.

|                            | ·-                            | × /  |
|----------------------------|-------------------------------|--|
| 🗋 Oracle iProcurement: Con | VerifyExists_TKS              |  |
| III Requisition            | EnterAllRowsMultiplePages_TKS | "Requisition",Parameter("Requisition"), "20" |



# EnterByIndex\_TKS

This keyword enters a specified value in an object by the object index value.

| Item    | Operation        | Input                   | Output |
|---------|------------------|-------------------------|--------|
|         |                  | Parameter("DataValue"), |        |
| WebEdit | EnterByIndex_TKS | Parameter("IndexValue") |        |

## 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.

### IndexValue

This is the index of the object. Indexes start at 0.

#### 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 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")             |



# 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 |
|------------|-----------------------|----------------------------------|--------|
|            |                       | LocalParameter("Record_Number"), |        |
|            |                       | "ColumnName",                    |        |
| (m)        | EnterFieldByIndex_TKS | Parameter("DataValue"),          |        |
| 🚰 WebTable |                       | 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 |
|---------|------------------|------------------------|--------|
| 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 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") |
| Sec Hyperlink Description            | EnterlfExist_TKS | Parameter("Hyperlink_Description")             |



# EnterMore\_TKS

This keyword enters a value into TKSWebEdit. 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 |
|---------|---------------|-------------------------|--------|
| WebEdit |               | Parameter("DataValue"), |        |
| WebFile | EnterMore_TKS | Parameter("SearchBy")   |        |

#### 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 verify that the Configuration Tab Search Hyper link Page is open. Then the value provided in the Hyperlink\_Name column of the datasheet will be entered in the Hyper link 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 Hyper link Description WebEdit field and then wait one second.

| 🔁 Configuration Tab Search Hyperlink | VerifyExists_TKS |  |
|--------------------------------------|------------------|--|
| 📴 Hyperlink Name                     | EnterMore_TKS    | Parameter("Hyperlink_Name"),Parameter("Search_By") |
| Fee Hyperlink Description            | EnterWait_TKS    | Parameter("Hyperlink_Description")                 |

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    | EnterMore_TKS         | Parameter("Note_To_Supplier"),Parameter("Search_By") |
|-----------------------|-----------------------|--|
| 👏 Oracle iProcurement | CaptureScreenClip_TKS | "Oracle iProcurement: Checkout"                      |
| 🕒 Checkout Approvers  | SelectImage_TKS       | Parameter("Button_Label")                            |



# EnterMoreSlow\_TKS

This keyword enters a value into TKSWebEdit. 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 |
|---------|-----------|-------------------------|--------|
| WebEdit |           | Parameter("DataValue"), |        |
| WebFile |           | Parameter("SearchBy")   |        |

#### 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 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") |  |
| Bec 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 |
|---------|---------------|------------------------|--------|
| 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.

#### 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 Search Hyper link Page is open. Then the value provided in the Hyperlink\_Name column of the datasheet will be entered in the Hyper link 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 Hyper link 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")                 |



# EnterWithExactSearch\_TKS

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

| Item       | Operation                | Input                         | Output |
|------------|--------------------------|-------------------------------|--------|
|            |                          | "SearchColumnName",           |        |
| m          |                          | Parameter("searchValue"),     |        |
| 🖽 WebTable | EnterWithExactSearch_TKS | Parameter("EnterColumnName"), |        |
|            |                          | Parameter("DataValue")        |        |

## 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.

## 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 Change\_Requisition\_Details.

| III Change Requisition Details GetRecordByValueMultiple "Line", Parameter ("Line"), "False", | ,"NextTableObj", Loc. |
|--|-----------------------|
| H Change Requisition Details EnterWithExactSearch_TKS "Line",Parameter("Line"),"Line",P      | 'arameter("Line")     |



# EnterWithExactSearchMore\_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 |
|------------|------------------------------|-------------------------------|--------|
|            |                              | "SearchColumnName",           |        |
| Imm        |                              | Parameter(``searchValue"),    |        |
| 🖼 WebTable |                              | Parameter("EnterColumnName"), |        |
|            | EnterWithExactSearchMore_TKS | 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         |  |
|--------------------------------|--------------------------|--|
| III Change Requisition Details | GetRecordByValueMultiple | "Line",Parameter("Line"),"False","NextTableObj","NextTableLi.  |
| III Change Requisition Details | EnterWithExactSearchMor  | "Unit",Parameter("Unit"), "Unit",Parameter("Unit"), "Unit_Val" |



# 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 |
|------------|---------------------|-------------------------------|--------|
|            |                     | "SearchColumnName",           |        |
| (m)        |                     | Parameter("searchValue"),     |        |
| 🖼 WebTable | EnterWithSearch_TKS | Parameter("EnterColumnName"), |        |
|            |                     | Parameter("DataValue")        |        |

#### 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.

## Example

Here is an example of a component that is using this keyword. The order of the steps are to Verify Change Order Review page opens. Then 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. Enter DataValue in the Enter Line column and record number found by searching for searchValue in SearchColumnName column of Change\_Requisition\_Details WebTable.

| VerifyExists_TKS         |   |  |
|--------------------------|---|--|
| GetRecordByValueMultiple | "Line",Parameter("Line"),"False","NextTableObj", I                  |  |
| EnterWithSearch_TKS      | "Line",Parameter("Line"),"Line",Parameter("Line")                   |  |
|                          | VerifyExists_TKS<br>GetRecordByValueMultiple<br>EnterWithSearch_TKS | GetRecordByValueMultiple "Line",Parameter ("Line"), "False", "NextTableObj", I |



# 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 |
|------------|-------------------------|-------------------------------|--------|
|            |                         | " SearchColumnName",          |        |
| Imp        |                         | Parameter(``searchValue"),    |        |
| 🖼 WebTable |                         | Parameter("EnterColumnName"), |        |
|            | EnterWithSearchMore_TKS | 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         |   |
|--------------------------------|--------------------------|---|
| III Change Requisition Details | GetRecordByValueMultiple | "Line",Parameter ("Line"), "False", "NextTableObj", "NextTableLi Lı |
| 🏢 Change Requisition Details   | EnterWithSearchMore_TKS  | "Unit",Parameter("Unit"), "Unit",Parameter("Unit"), "Unit_Val"      |
|                                |                          |   |



# FindOptionRow\_TKS

This keyword Gets the record number of a specified object by searching a specific column for a specified value, then expands the item.

| Item       | Operation         | Input                      | Output               |        |
|------------|-------------------|----------------------------|----------------------|--------|
|            |                   | "ColumnName",              |                      |        |
| Irm        |                   | Parameter("DataValue"),    |                      |        |
| 🔢 WebTable | FindOptionRow_TKS | Parameter("imageProperty") | LocalParameter("Reco | ord_Nu |
|            |                   |                            |                      |        |

## Parameters

## 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.

imageProperty

Image to expand.

## **Return Values**

# RecordNumber

This is the record number (row) of the cell with 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 find the row with the cell value provided in the Line column of the datasheet under the column provided in the Line column of the datasheet. The row number will be saved in the LocalParameter Record\_Number of a specified object by searching a specific column for a specified value, then expands the item.

| 🖽 Change Requisition Details   | FindOptionRow_TKS | "Line",Parameter("Line"),"Expand" | 🟠 <record_number></record_number> |
|--------------------------------|-------------------|-----------------------------------|-----------------------------------|
| III Change Requisition Details | VerifyField_TKS   | LocalParameter("Record_Number")," |                                   |



# GetCellColumn\_TKS

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

| Item       | Operation | Input   | Output                          |
|------------|-----------|---|---------------------------------|
| 🖽 WebTable |           | LocalParameter("Record_Number"),<br>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 and RecordNumber. Supports ".\*" in case regular expression is needed.

Change Order Review an... VerifyExists\_TKS
Change Requisition Details GetCellColumn\_TKS LocalParameter("Record\_Number"),Parameter("Description")



# GetPartialROPropertyFromCell\_TKS

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

| Item       | Operation                        | Input                     | Output                  |
|------------|----------------------------------|---------------------------|-------------------------|
|            |                                  | Parameter(RecordNumber"), |                         |
|            |                                  | "ColumnName",             |                         |
|            | GetPartialROPropertyFromCell_TKS | Parameter(LeftString"),   |                         |
| 🔢 WebTable | _TKS                             | Parameter(RightString"),  |                         |
|            |                                  | Parameter(PropertyName")  | Parameter("ROProperty_O |

#### Parameters

#### RecordNumber

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.

LeftString

Left part of string.

RightString

Right part of string.

PropertyName

Property name for the value we want to retrieve.

## **Return Values**

ROProperty\_Out

This keyword will return Partial or full runtime property retrieved.

#### Example

Here is an example of a component that is using this keyword. Get partial or full runtime property from object in a table cell. Captures full or partial RO property "text" of cell object between left "The" and right "approved" string values in Column Order\_Type and record RecordNumber of table "Change".

 Change ...
 VerifyExists\_TKS

 III Change ...
 GetRecordBy3Va...

 "Line",Parameter ("Line"), "False", "Description", Parameter ("Descripti...

 LocalParameter ("Record\_Number")

 III Change ...
 GetPartialROPro...

 "Order Type", Parameter ("Order\_Type"), "The", "approved", "text"
 Parameter ("Record\_Number")



# GetRecordBy3Values\_TKS

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

| Item       | Operation             | Input  | Output                          |
|------------|-----------------------|--|---------------------------------|
| 🕶 WebTable | GetRecordBy3Value_TKS | "ColumnName1",<br>Parameter("DataValue1"),<br>"isSubstring1"<br>"ColumnName2",<br>Parameter("DataValue2"),<br>"isSubstring2"<br>"ColumnName1",<br>Parameter("DataValue3"),<br>"isSubstring3" | LocalParameter("Record_Number") |

#### Parameters

#### ColumnName1

This is the first column name to be searched.

#### DataValue1

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

#### isSubstring1

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### ColumnName2

This is the second column name to be searched.

#### DataValue2

This is the Data value to be searched for in the second column name.

#### isSubstring2

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### ColumnName3

This is the Third column name to be searched.

## DataValue3

This is the Data value to be searched for in the second column name.

#### isSubstring3

This is whether to search by an exact value or by a partial Substring. The value should be True or False.



## **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the three cells that have the values provided in the Search\_Value, Search\_Value2 and Search\_Value3 columns of the datasheet under the columns provided in the Search\_Column, Search\_Column2 and Search\_Column3 columns 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.

 □ Change Order Review an...
 VerifyExists\_TKS

 Ⅲ Change Requisition Details
 GeRecordBy3Values\_TKS

 Ⅱ Change Requisition Details
 GeRecordBy3Values\_TKS

 Ⅱ Change Requisition Details
 VerifyField\_TKS

 LocalParameter("Record\_Number"),"Order Type",Parameter("Order\_Type")



# GetRecordBy3ValuesMultiplePages\_TKS

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

| Item       | Operation                           | Input                    | Output                   |         |
|------------|-------------------------------------|--------------------------|--------------------------|---------|
| Im         |                                     | "ColumnName1",           |                          |         |
| 鬪 WebTable |                                     | Parameter("DataValue1"), | LocalParameter("Record_N | umber") |
|            | GetRecordBy3ValuesMultiplePages_TKS | "isSubstring1"           |                          |         |
|            |                                     | "ColumnName2",           |                          |         |
|            |                                     | Parameter("DataValue2"), |                          |         |
|            |                                     | "isSubstring2"           |                          |         |
|            |                                     | "ColumnName1",           |                          |         |
|            |                                     | Parameter("DataValue3"), |                          |         |
|            |                                     | "isSubstring3",          |                          |         |
|            |                                     | NextTableObj,            |                          |         |
|            |                                     | NextTableLink,           |                          |         |
|            |                                     | MaxPages                 |                          |         |

## Parameters

### ColumnName1

This is the first column name to be searched.

#### DataValue1

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

## isSubstring1

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### ColumnName2

This is the second column name to be searched.

## DataValue2

This is the Data value to be searched for in the second column name.

#### isSubstring2

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

## ColumnName3

This is the Third column name to be searched.

#### DataValue3

This is the Data value to be searched for in the second column name.



### isSubstring3

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

### 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).

#### **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the three cells that have the values provided in the Search\_Value, Search\_Value2 and Search\_Value3 columns of the datasheet under the columns provided in the Search\_Column, Search\_Column2 and Search\_Column3 columns 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. Gets record by partial or exact match of DataValue by use NextTableLink to navigate to multiple pages. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out.

Change Order Review an... VerifyExists\_TKS
Change Requisition Details
GetRecordBy3Value...
Line",Parameter("Line"), "False", "Details",Parameter("Details"), "False", "Unit", Parameter("Unit"), "False", "Next", "Next", "Next", "Next", "Next", "S0"
LocalPar...
Change Requisition Details
VerifyField\_TKS
LocalParameter("Record\_Number"), "Need-By", Parameter("Need\_By")



# GetRecordBy3ValuesMultiplePagesPlainText\_TKS

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

| Item       | Operation                                    | Input                    | Output                  |        |
|------------|--|--------------------------|-------------------------|--------|
| Irm        |  | "ColumnName1",           |                         |        |
| 鬪 WebTable |  | Parameter("DataValue1"), | LocalParameter("Record_ | Number |
|            | GetRecordBy3ValuesMultiplePagesPlainText_TKS | "isSubstring1"           |                         |        |
|            |  | "ColumnName2",           |                         |        |
|            |  | Parameter("DataValue2"), |                         |        |
|            |  | "isSubstring2"           |                         |        |
|            |  | "ColumnName1",           |                         |        |
|            |  | Parameter("DataValue3"), |                         |        |
|            |  | "isSubstring3",          |                         |        |
|            |  | NextTableObj,            |                         |        |
|            |  | NextTableLink,           |                         |        |
|            |  | MaxPages                 |                         |        |

## Parameters

### ColumnName1

This is the first column name to be searched.

### DataValue1

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

#### isSubstring1

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### ColumnName2

This is the second column name to be searched.

#### DataValue2

This is the Data value to be searched for in the second column name.

#### isSubstring2

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

## ColumnName3

This is the Third column name to be searched.

#### DataValue3

This is the Data value to be searched for in the second column name.



## isSubstring3

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### 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).

## **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the three cells that have the values provided in the Search\_Value, Search\_Value2 and Search\_Value3 columns of the datasheet under the columns provided in the Search\_Column, Search\_Column2 and Search\_Column3 columns 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. Gets record by partial or exact match of DataValue by use NextTableLink to navigate to multiple pages. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out.

| 🗋 Change Ve  | rifyExists_TKS               |   |           |
|--------------|------------------------------|---|-----------|
| 🎹 Change Ge  | tRecordBy3ValuesMultiplePage | "Line", Parameter ("Line"), "False", "Details", Parameter ("Details"), "False", "Unit", Parameter ("Unit"), "False", "Next", "NextLink", "50" | LocalPar. |
| 🌐 Change Vei | rifyField_TKS                | LocalParameter("Record_Number"), "Need-By",Parameter("Need_By")   |           |



# GetRecordBy3ValuesPlainText \_TKS

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

| Item       | Operation            | Input   | Output                          |
|------------|----------------------|---|---------------------------------|
| 🕶 WebTable | GetRecordByValue_TKS | "ColumnName1",<br>Paramter("DataValue1"),<br>"isSubstring1"<br>"ColumnName2",<br>Parameter("DataValue2"),<br>"isSubstring2"<br>"ColumnName1",<br>Parameter("DataValue3"),<br>"isSubstring3" | LocalParameter("Record_Number") |

#### Parameters

#### ColumnName1

This is the first column name to be searched.

#### DataValue1

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

#### isSubstring1

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### ColumnName2

This is the second column name to be searched.

#### DataValue2

This is the Data value to be searched for in the second column name.

#### isSubstring2

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

### ColumnName3

This is the Third column name to be searched.

## DataValue3

This is the Data value to be searched for in the second column name.

#### isSubstring3

This is whether to search by an exact value or by a partial Substring. The value should be True or False.



## **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the three cells that have the values provided in the Search\_Value, Search\_Value2 and Search\_Value3 columns of the datasheet under the columns provided in the Search\_Column, Search\_Column2 and Search\_Column3 columns 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.

 □ Change Order Review an...
 VerifyExists\_TKS

 Ⅲ Change Requisition Details
 GetRecordBy3Values\_TKS

 "Line", Parameter ("Line"), "False", "Description", Parameter ("Description"), "False", "Order", Parameter ("Order"), "False"

 Ⅲ Change Requisition Details
 VerifyField\_TKS

 LocalParameter ("Record\_Number"), "Order Type", Parameter ("Order\_Type")



# GetRecordBy3ValuesPlainTextWithGaps\_TKS

This keyword will return a web table record number (row) based on search of up to three text values of cell context when there are gaps and some values could become below blank value. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

| Item                   | Operation                               | Input                    | Output                       |
|------------------------|---|--------------------------|------------------------------|
|                        |   | "ColumnName1",           |                              |
|                        |   | Parameter("DataValue1"), |                              |
|                        |   | "isSubstring1"           | LocalParameter("Record_Numbe |
|                        |   | "ColumnName2",           |                              |
| <sup>55</sup> WebTable |   | Parameter("DataValue2"), |                              |
|                        | GetRecordBy3ValuesPlainTextWithGaps_TKS | "isSubstring2"           |                              |
|                        |   | "ColumnName1",           |                              |
|                        |   | Parameter("DataValue3"), |                              |
|                        |   | "isSubstring3"           |                              |

## Parameters

#### ColumnName1

This is the first column name to be searched.

#### DataValue1

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

#### isSubstring1

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### ColumnName2

This is the second column name to be searched.

#### DataValue2

This is the Data value to be searched for in the second column name.

#### isSubstring2

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

#### ColumnName3

This is the Third column name to be searched.

#### DataValue3

This is the Data value to be searched for in the second column name.

#### isSubstring3

This is whether to search by an exact value or by a partial Substring. The value should be True or False.



# **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. Get record based on search of up to three text values of cell context when there are gaps and some values could become below blank value. The order of the steps are to verify that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the three cells that have the values provided in the Search\_Value, Search\_Value2 and Search\_Value3 columns of the datasheet under the columns provided in the Search\_Column, Search\_Column2 and Search\_Column3 columns 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.

 Change ...
 VerifyExists\_TKS

 Iff Change ...
 GetRecordBy3ValuesPlainTextWit...

 "Line",Parameter("Line"),"False","Description",Parameter("Description"),"False","Order",Parameter("Order"),"False"

 LocalParameter("Record\_Number"),"Need-By",Parameter("Need\_By")



# GetRecordByValueExpandTable\_TKS

This keyword will capture a record based on a search for a value in a specified column in a specified table. The value can be searched for by use of a partial or exact match, determined by substring settings of True or False, ON or OFF. The search is run for a maximum number of pages.

| Item       | Operation                       | Input   | Output                      |
|------------|---------------------------------|---|-----------------------------|
| 🔀 WebTable | GetRecordByValueExpandTable_TKS | "ColumnName",<br>Parameter("ParentValue"),<br>Parameter("isSubstringParent"),<br>Parameter("ChildValue"),<br>Parameter("isSubstringChild"),<br>Parameter("ExpandProperty"),<br>Parameter("MaxPages"), | LocalParameter("Record_Numb |

## Parameters

#### ColumnName

This is the Column in which to search for value..

## ParentValue

This is Value for which to search.

#### isSubstringParent

Whether to search for the text value by exact or partial value. This parameter is set to True or False, ON or OFF.

## ChildValue

Value for which to search.

### isSubstringChild

Whether to search for the text value by exact or partial value. This parameter is set to True or False, ON or OFF.

#### ExpandProperty

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

#### MaxPages

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

## **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found record based on ParentValue "Line" and ChildValue in "ChildVal" a specified ColumnName "Line" column of table until MaxPages pages is reached. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out.

🗋 Change... VerifyExists\_TKS

III Change... GetRecordByValueExpandTabl... "Line", Parameter ("Line"), "False", "ChildVal", "true", "alt", "20" Change... OptionalClickButtonInCell\_TKS
LocalParameter("Record\_Number"), "Need-By", "<ON>"

LocalParameter ("Record\_Number")



# GetRecordByValueMultiplePages\_TKS

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

| Item       | Operation                         | Input                   | Output                          |
|------------|-----------------------------------|-------------------------|---------------------------------|
|            |                                   | "ColumnName",           |                                 |
|            |                                   | Parameter("DataValue"), | LocalParameter("Record_Number") |
| 🖽 WebTable | GetRecordByValueMultiplePages_TKS | "isSubstring1"          |                                 |
|            |                                   | 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

### isSubstring

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

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).

## **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the six cells that have the values provided in the Search\_Value columns of the datasheet under the columns provided in the Search\_Column columns of the datasheet. Gets record by partial or exact match of DataValue by use NextTableLink to navigate to multiple pages. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out.



| 🗋 Change Order Review an       | VerifyExists_TKS                |  |                                 |
|--------------------------------|---------------------------------|--|---------------------------------|
| III Change Requisition Details | GetRecordByValueMultiplePages 📼 | "Line",Parameter("Line"),"False","NextTableObj","NextTableLink","10" | LocalParameter("Record_Number") |
| III Change Requisition Details | VerifyField_TKS                 | LocalParameter("Record_Number"),"Order Type",Parameter("Order_Type") |                                 |
|                                | 1                               | 1  | 1                               |



## GetRecordByValueMultiplePagesPlainText\_TKS

This keyword will return a web table record number (row) based on a search value in a specified column. After the execution of this keyword is complete, the record will be selected. This function is limited to 100 records. The VerifyMaxRows flag will go to the last record to get the number of records in the table.

| Item       | Operation                                  | Input                 | Output                      |
|------------|--|-----------------------|-----------------------------|
|            |  | "ColumnName",         |                             |
|            |  | Parameter("DataValue" | ,                           |
| 🚟 WebTable | GetRecordByValueMultiplePagesPlainText_TKS | "isSubstring1"        | LocalParameter("Record_Numb |
|            |  | 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

#### isSubstring

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

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).

### **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the six cells that have the values provided in the Search\_Value columns of the datasheet under the columns provided in the Search\_Column columns of the datasheet. Gets record by partial or exact match of DataValue by use NextTableLink to navigate to multiple pages. The row number will be saved in the LocalParameter Record\_Number. Then the Record\_Number will set to an output parameter Record\_Number\_Out.



| 🗋 Change Order Review an       | VerifyExists_TKS                |  |                                 |
|--------------------------------|---------------------------------|--|---------------------------------|
| III Change Requisition Details | GetRecordByValueMultiplePages 📼 | "Line",Parameter("Line"),"False","NextTableObj","NextTableLink","10" | LocalParameter("Record_Number") |
| III Change Requisition Details | VerifyField_TKS                 | LocalParameter("Record_Number"),"Order Type",Parameter("Order_Type") |                                 |
|                                | 1                               | 1  | 1                               |



## GetRecordByValuePlainText\_TKS

This keyword will return a web table record number (row) based on a search value in a specified column. Finds the row by searching for DataValue in specified column in the table. DataValue is matched partially or completely, depending on substring settings.

| Item       | Operation                     | Input   | Output                          |
|------------|-------------------------------|---|---------------------------------|
| 🔀 WebTable | GetRecordByValuePlainText_TKS | "ColumnName",<br>Parameter("DataValue"),<br>"isSubstring" | LocalParameter("Record_Number") |

### Parameters

## ColumnName

This is the first column name to be searched.

#### DataValue

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

#### isSubstring

This is whether to search by an exact value or by a partial Substring. The value should be True or False.

### **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 that the Change Order Review page is open within 90 seconds. Then the row number will be found that contains the three cells that have the value provided in the Search\_Value column of the datasheet under the columns 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.

| 🗋 Change | VerifyExists_TKS              |                                     |                                 |
|----------|-------------------------------|-------------------------------------|---------------------------------|
| 🔠 Change | GetRecordByValuePlainText_TKS | "Line",Parameter("Line"), "False"   | LocalParameter("Record_Number") |
| 🏢 Change | VerifyField_TKS               | LocalParameter("Record_Number"),"Or |                                 |



## GetReportNumber\_TKS

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

| Item       | Operation           | Input                          | Output                        |
|------------|---------------------|--------------------------------|-------------------------------|
|            |                     | LocalParameter(RecordNumber"), |                               |
| 冠 WebTable | GetReportNumber_TKS | "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             |   |                                 |
|---------------------------------------|---|---------------------------------|
| III Change GetRecordByValueExpandTabl | "Line",Parameter("Line"),"False","ChildVal","true","alt","20" | LocalParameter("Record_Number") |
| III Change VerifyField_TKS            | LocalParameter ("Record_Number"), "Quantity", Parameter ("Q   |                                 |
| III Change GetReportNumber_TKS        | LocalParameter("Record_Number"), "Quantity"                   | Parameter("Quantity_Out")       |
|                                       | •   | •                               |



## Maximize\_TKS

This keyword maximizes a Browser window for use in a later function.

| Item    | Operation    | Input | Output |
|---------|--------------|-------|--------|
| Srowser | Maximize_TKS |       |        |

## Example

Here is an example of a component that is using this keyword. The order of the steps are to Minimize Change Order Browser & then Maximize Change Order Browser and then activate Change Order Browser & then Verify Change Order Review Page.

| 🔊 Change Order           | Minimize_TKS     |
|--------------------------|------------------|
| 🔊 Change Order           | Maximize_TKS     |
| 🔊 Change Order           | Activate_TKS     |
| 🗋 Change Order Review an | VerifyExists_TKS |
|                          |                  |



## Minimize\_TKS

This keyword minimizes a Browser window for use in a later function.

| Item      | Operation    | Input | Output |
|-----------|--------------|-------|--------|
| ጆ Browser | Minimize_TKS |       |        |

## Example

Here is an example of a component that is using this keyword. The order of the steps are to Minimize Change Order Browser & then Maximize Change Order Browser and then activate Change Order Browser & then Verify Change Order Review Page.

| 🔊 Change Order           | Minimize_TKS     |
|--------------------------|------------------|
| 🔊 Change Order           | Maximize_TKS     |
| 🔊 Change Order           | Activate_TKS     |
| 🗋 Change Order Review an | VerifyExists_TKS |
|                          |                  |



## NavigateHomeWeb

This function Clicks on Home or Close Window link in first available web browser, or any other link that was sent inside a list of links.

| Item | Function        | Input                    | Output |
|------|-----------------|--------------------------|--------|
| Page | NavigateHomeWeb | Parameter("ListOfLinks") |        |

## Parameters

ListOfLinks

This is list of links separated by coma. If empty - take default Oracle links "Home" or "Close Window".

#### **Return Values**

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

#### Example

Description Clicks on Home or Close Window link in first available web browser, or any other link that was sent inside a list

of links.



## NavigateLinkPathNew\_TKS

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

| Item | Operation               | Input                 | Output |
|------|-------------------------|-----------------------|--------|
| Page | 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 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 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. 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. 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")                    |



## OptionalClickButtonInCell\_TKS

This keyword will return column number by searching for a specified value and record number. Supports a wildcard 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 |
|------------|-------------------------------|----------------------------------|--------|
| m          |                               | LocalParameter("Record_Number"), |        |
| 冠 WebTable | OptionalClickButtonInCell_TKS | "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. 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. 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") |
|------------|------------------------|---|---------------------------------|
| III Change | OptionalClickButtonInC | LocalParameter("Record_Number"),"Need-By"," <on>"</on>          |                                 |
| III Change | Useificiald TVC        | I acalDarameter/"Decord Mumber"\ "Mead Du" Darameter/"Mead Du"\ |                                 |



## OptionalClickItemInCell\_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 |
|------------|-----------------------------|----------------------------------|--------|
|            |                             | LocalParameter("Record_Number"), |        |
| m          |                             | "ColumnName",                    |        |
| 冠 WebTable | OptionalClickItemInCell_TKS | Parameter("OptionalClickStatus") |        |

## Parameters

#### RecordNumber

This is the record number into which to enter data. Use "New" to select the next new record location. Record where link or Image Or Button is located.

#### ColumnName

This is the name of the column into which to enter data. Column where link or Image or Button is located.

#### 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. The order of the steps are to Verify Oracle iProcurement page opens. 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. Click Link or Image or Button in "Requisition" Column and (the value of the "Record\_Number" local parameter) row of "Requisition" WebTable, if it exists.

| 🗋 Oracle iProcurement: | <br>VerifyExists_TKS  | · · ·   |                                 |   |
|------------------------|-----------------------|---|---------------------------------|---|
| III Requisition        | GetRecordByValue_TKS  | Parameter ("Search_Criteria")   | LocalParameter("Record_Number") | C |
| I Requisition          | OptionalClickItemInCe | LocalParameter ("Record_Number"), "Requisition", Parameter ("Requisition_Status") |                                 | C |



## OptionalClickItemInCellByIndex\_TKS

This keyword optionally selects an Link by index or Button by index or an Image by Index, alt or File property in the specified row, column of the table based on the OptionalClickStatus On/Off or True/false.

| Item                    | Operation                          | Input                             | Output |
|-------------------------|------------------------------------|-----------------------------------|--------|
| Im                      |                                    | LocalParameter("Record_Number"),  |        |
| <sup>511</sup> WebTable | OptionalClickItemInCellByIndex_TKS | "ColumnName",                     |        |
|                         |                                    | Parameter("OptionalClickStatus"), |        |
|                         |                                    | Parameter("IndexValue")           |        |

#### Parameters

#### RecordNumber

This is the record number into which to enter data. Use "New" to select the next new record location. Record where link or Image Or Button is located.

#### ColumnName

This is the name of the column into which to enter data. Column where link or Image or Button is located.

#### 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.

#### IndexValue

Index value of the Link or Image or Button. In case of Image, alt property or file property value can be provided instead of index.

#### Example

Here is an example of a component that is using this keyword. The order of the steps are to Verify Oracle iProcurement page opens. 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. Click Link or Image or Button by index in "Requisition" Column and (the value of the "Record\_Number" local parameter) row of "Requisition" WebTable, if it exists.

| 🗋 Oracle iProcurement: | VerifyExists_TKS               |  |          |
|------------------------|--------------------------------|--|----------|
| III Requisition        | GetRecordByValue_TKS           | Parameter("Search_Criteria")   | LocalPar |
| III Requisition        | OptionalClickItemInCellByIndex | LocalParameter ("Record_Number"), "Requisition", Parameter ("Requisition_Status"), "0" |          |



## 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 |
|-------------------------|-----------------------------|----------------------------------|--------|
|                         |                             | LocalParameter("Record_Number"), |        |
| m                       | OptionalClickLinkInCell_TKS | "ColumnName",                    |        |
| <sup>511</sup> WebTable |                             | 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. The order of the steps are to Verify Oracle iProcurement page opens. 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. Click Link in "Requisition" Column and (the value of the "Record\_Number" local parameter) row of "Requisition" WebTable, if it exists.

| 🗋 Oracle iProcurement | VerifyExists_TKS            |   |          |
|-----------------------|-----------------------------|---|----------|
| III Requisition       | GetRecordByValue_TKS        | Parameter("Search_Criteria")  | LocalPar |
| III Requisition       | OptionalClickLinkInCell_TKS | LocalParameter ("Record_Number"), "Requisition", Parameter ("Requisition_Status") |          |



# OptionalDialogBoxApprove\_TKS

This function optionally approves a dialog box if it exists.

| Item   | Operation                    | Input | Output |
|--------|------------------------------|-------|--------|
| Dialog | OptionalDialogBoxApprove_TKS |       |        |

## Example

Description Optionally approve dialog box if exists



## OptionalSelectImageByProperty\_TKS

This keyword Optionally selects an image with a specified record and column by its Alt Property. Log all results in Test Results.

| Item       | Operation                         | Input                            | Output |
|------------|-----------------------------------|----------------------------------|--------|
| m          |                                   | LocalParameter("Record_Number"), |        |
| 冠 WebTable | OptionalSelectImageByProperty_TKS | "ColumnName",                    |        |
|            |                                   | Parameter("altProperty")         |        |

## 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.

## altProperty

Used to select the image.

## Example

Here is an example of a component that is using this keyword. Optionally selects an image with a specified record and column by its Alt Property. Selects an image within a cell in web table with RecordNumber and Column by Alt property <altProperty>

| 🗋 Change Order Review an     | VerifyExists_TKS            |   |                                 |
|------------------------------|-----------------------------|---|---------------------------------|
| 🔠 Change Requisition Details | GetRecordByValueMultiplePag | "Line",Parameter("Line"), "False", "NextTableObj", "N | LocalParameter("Record_Number") |
| 🎹 Change Requisition Details | OptionalSelectImageByPro 💌  | LocalParameter("Record_Number"),"Link","ON"           |                                 |
| 🏢 Change Requisition Details | VerifyField_TKS             | LocalParameter ("Record_Number"), "Order Type", Pa    |                                 |



## OptionalSelectImageInCell\_TKS

This keyword Optionally selects a link, image, 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 |
|------------|-------------------------------|----------------------------------|--------|
| m          |                               | LocalParameter("Record_Number"), |        |
| 冠 WebTable | OptionalSelectImageInCell_TKS | "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/Button/Link 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 an image in a table with record and column locations specified, if the image exists. Determination of selection is made with True or False, ON or OFF settings. All results are logged in Test Results.

 Image Order Review an...
 VerifyExists\_TKS

 Image Requisition Details
 GetRecordByValueMultiplePag...

 Image Requisition Details
 GetRecordByValueMultiplePag...

 Image Requisition Details
 OptionalSelectImageInCell\_TKS

 LocalParameter("Record\_Number"), "Link", "ON"



## OutputAllRows\_TKS

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

| Item       | Operation         | Input                                  | Output                           |
|------------|-------------------|--|----------------------------------|
|            |                   | LocalParameter(BeginningRecordNumber") | r                                |
| Im         |                   | "ColumnName",                          |                                  |
| 冠 WebTable | OutputAllRows_TKS | "SheetColumnName"                      | Parameter("SheetColumnName_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 must match the output parameter name.

## **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(                                 |
| III 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                        |
|------------|------------------------|--|-------------------------------|
| 闭 WebTable | OutputReportNumber_TKS | LocalParameter(RecordNumber"),<br>"ColumnName",<br>"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 Ver | rifyExists_TKS           |   |                                 |
|--------------|--------------------------|---|---------------------------------|
| 🎹 Change Get | tRecordBy∨alueExpandTabl | "Line",Parameter("Line"),"False","ChildVal","true","alt","20" | LocalParameter("Record_Number") |
| 🎹 Change Ver | rifyField_TKS            | LocalParameter("Record_Number"), "Quantity", Parameter("Q     |                                 |
| 🎹 Change Out | tputReportNumber_TKS     | LocalParameter("Record_Number"), "Quantity", "Quantity_Out"   | Parameter("Quantity_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                           |
|------------|-----------------|--------------------------------|----------------------------------|
|            |                 | LocalParameter(RecordNumber"), |                                  |
| l em       |                 | "ColumnName",                  |                                  |
| 冠 WebTable | OutputValue_TKS | "SheetColumnName"              | Parameter("SheetColumnName_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 mus 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 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")           |  |



## OutputWithSearch\_TKS

Finds record corresponding to searched value and Outputs value in enter column for the record found. Failed results are logged to Test Results.

| Item                     | Operation            | Input                     | Output                     |    |
|--------------------------|----------------------|---------------------------|----------------------------|----|
| Parameter("SearchColumnN |                      | Name"),                   |                            |    |
|                          |                      | Parameter("searchvalue"), |                            |    |
| <b>5</b>                 |                      | "OutputColumnName",       |                            |    |
| WebTable                 | OutputWithSearch_TKS | "SheetColumnName"         | Parameter("SheetColumnName | _C |

#### Parameters

#### SearchColumnName

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

#### searchValue

Unique value to search by.

#### *OutputColumnName*

Identifier for the column in the table for which the data is to be output to.

### SheetColumnName

Identifier for the column on the datasheet into which a specified value is to be saved.

## **Return Values**

Specified value from specified location in specified table.

## 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 |
| III 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 searches for the specified link on a page determined by the add\_x and add\_y properties and selects it.

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

#### Parameters

search\_value

This is the value on the page to search for.

## add\_x

This is the difference between the  $abs_x$  of the link and of the search value.

### add\_y

This is the difference between the abs\_y of the link and of the 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 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") |



## SelectByIndex\_TKS

This keyword selects a specified radiobutton by its index in a WebRadioGroup. If no data value is specified or the index is not found, this step will be skipped and execution will continue.

| Item          | Operation         | Input                   | Output |
|---------------|-------------------|-------------------------|--------|
| WebRadioGroup | SelectByIndex_TKS | Parameter("IndexValue") |        |

## Parameters

### IndexValue

This is the index for the radio button that is to be selected. Indexes start at 1.

## Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the iSupplier Portal: Supplier Agreements Advanced Search Page is open. Then the radiobutton with the index provided in the Advanced\_Search\_Radio\_Group\_Index 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.

| 👼 iSupplier Portal: Supplier Agreements Advanced Search | VerifyExists_TKS  |  |
|---|-------------------|--|
| 🔊 Advanced Search RadioGroup                            | SelectByIndex_TKS | Parameter("Advanced_Search_Radio_Group_Index") |
| 😓 Operating Unit List                                   | Select_TKS        | Parameter("Operating_Unit_List")               |



## SelectCheckBoxIfExist\_TKS

This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF) only if the checkbox is found in the application. If no data value is specified, this step will be skipped and execution will continue.

| Item        | Operation                 | Input                  | Output |
|-------------|---------------------------|------------------------|--------|
| WebCheckBox | SelectCheckBoxIfExist_TKS | Parameter("DataValue") |        |

## Parameters

## DataValue

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  $\langle ON \rangle$ , the checkbox will be checked. If the value is set to  $\langle OFF \rangle$ , 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 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 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") |



## SelectIcon\_TKS

This keyword selects an icon based on the specified icon and an image column number.

| Item | Operation      | Input                      | Output |
|------|----------------|----------------------------|--------|
|      |                | Parameter("DataValue"),    |        |
| Page | SelectIcon_TKS | Parameter("ImageColumnNumb | er")   |

### Parameters

DataValue

This is the Icon to select.

#### ImageColumnNumber

This is column where the icon to be selected is located.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to select the icon that is specified in the Icon column of the datasheet and that is located in the column specified in the Column\_Number column of the datasheet. Then the values provided in the Template\_Name and Transaction\_Class columns of the datasheet will be compared to the values in the cells of the row saved in the LocalParameter Record\_Number and the Template Name and Transaction Class columns of the Template Name to verify that they are equal.

| 🚡 Template Assignment Tab Search Assigned Templates 👘 | SelectIcon_TKS  | Parameter("Icon"),Parameter("Column_Number")                                       |
|---|-----------------|--|
| 🖽 Template Name                                       | VerifyField_TKS | LocalParameter("Record_Number"),"Template Name",Parameter("Template_Name")         |
| 🖽 Template Name                                       | VerifyField_TKS | LocalParameter("Record_Number"),"Transaction Class",Parameter("Transaction_Class") |



## 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 | n             | Operation         | Input                  | Output |
|------|---------------|-------------------|------------------------|--------|
| 5    | WebList       |                   |                        |        |
| ୍ତ   | WebRadioGroup | SelectIfExist_TKS | Parameter("DataValue") |        |

### Parameters

DataValue (WebList / TKSWebList)

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 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 Oracle Bill 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")                             |
|--|----------------------------|---|
| 👏 Oracle Bill 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. The order of the steps are to verify that the iSupplier Portal: Supplier Agreements 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.

| 🔁 iSupplier Portal: Supplier Agreements Advanced Search | VerifyExists_TKS  |  |
|---|-------------------|--|
| 🔊 Advanced Search RadioGroup                            | SelectIfExist_TKS | Parameter("Advanced_Search_Radio_Group") |
| 🔚 Operating Unit List                                   | Select_TKS        | Parameter("Operating_Unit_List")         |



## SelectImage\_TKS

This keyword selects the specified image.

| Item | Operation       | Input                  | Output |
|------|-----------------|------------------------|--------|
| Page | SelectImage_TKS | Parameter("ImageName") |        |

## Parameters

### ImageName

This is the name of the image to be selected based on the image's Alt property.

#### Example

Here is an example of a component that is using this keyword. The order of the steps are to select the image specified by the value provided in the Image\_Name column of the datasheet. 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 | SelectImage_TKS | Parameter("Image_Name")            |
|--------------------------------------|-----------------|------------------------------------|
| 🚾 Hyperlink Name                     | Enter_TKS       | Parameter("Hyperlink_Name")        |
| Hyperlink Description                | Enter_TKS       | Parameter("Hyperlink_Description") |



## SelectImageIfExist\_TKS

This keyword selects the specified image if it exists.

| Item | Operation              | Input                  | Output |
|------|------------------------|------------------------|--------|
| Page | SelectImageIfExist_TKS | Parameter("ImageName") |        |

## Parameters

### ImageName

This is the name of the image to be selected based on the image's Alt property.

#### Example

Here is an example of a component that is using this keyword. The order of the steps are to select the image specified by the value provided in the Image\_Name column of the datasheet if it is found on the Configuration Tab Search Hyperlink Page. 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 👘 | SelectImageIfExist_TKS | Parameter("Image_Name")            |
|--|------------------------|------------------------------------|
| 🚾 Hyperlink Name                       | Enter_TKS              | Parameter("Hyperlink_Name")        |
| 🚾 Hyperlink Description                | Enter_TKS              | Parameter("Hyperlink_Description") |



## SelectImageInCell\_TKS

Selects an image in a specified column and record location in a specified table, if it exists.

| Item       | Operation            | Input                 | Output      |
|------------|----------------------|-----------------------|-------------|
|            |                      | LocalParameter("Recor | d_Number"), |
| 🔀 WebTable | SelectImageInCell_TK | S "ColumnName"        |             |

### Parameters

#### RecordNumber

Record where image is located.

## ColumnName

Column where image is located.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to select the radio button with the value that is provided in the Presentment column of the Datasheet from the Radio Buttons that are in the Presentment column of the Template Name table in the application. Next, the link that is in the Primary Data Source column of the Template Name table will be selected. Finally the image that is the Supplementary Data Source column of the Template Name table will be clicked.

| 📆 Template Name | SelectRadioGroup_TKS  | "Presentment",Parameter("Presentment"),"Presentment"        |
|-----------------|-----------------------|---|
| 🖽 Template Name | SelectLinkInCell_TKS  | LocalParameter("Record_Number"),"Primary Data Source"       |
| 🚰 Template Name | SelectImageInCell_TKS | LocalParameter("Record_Number"),"Supplementary Data Source" |



## SelectLinkInCell\_TKS

Selects a link in a specified cell in a specified column in a specified table.

| Item     | Operation            | Input                      | Output  |
|----------|----------------------|----------------------------|---------|
|          |                      | LocalParameter("Record_Num | ıber"), |
| WebTable | SelectLinkInCell_TKS | "ColumnName"               |         |

### Parameters

#### RecordNumber

Identifies the record in the table from where a is link to be selected.

## ColumnName

Identifies the column in the table from where a is link to be selected.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to select the radio button with the value that is provided in the Presentment column of the Datasheet from the Radio Buttons that are in the Presentment column of the Template Name table in the application. Next, the link that is in the Primary Data Source column of the Template Name table will be selected. Finally the image that is the Supplementary Data Source column of the Template Name table will be clicked.

| 📆 Template Name | SelectRadioGroup_TKS  | "Presentment",Parameter("Presentment"),"Presentment"        |
|-----------------|-----------------------|---|
| 📆 Template Name | SelectLinkInCell_TKS  | LocalParameter("Record_Number"),"Primary Data Source"       |
| 📆 Template Name | SelectImageInCell_TKS | LocalParameter("Record_Number"),"Supplementary Data Source" |



## 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 |
|-------------|----------------|-------------------------|--------|
|             |                | Parameter("DataValue"), |        |
| 🔚 ' WebList | SelectMore_TKS | 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 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 Oracle 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") |
|--|------------------|---|
| 👏 Oracle Bill Presentment Template Management Tab                | CloselfExist_TKS |   |
| 🔁 Template Management Tab Create Template: General Information 👘 | ClickLink_TKS    | Parameter("Link")                                 |



## SelectRadioGroup\_TKS

Selects an item, in a specified radio group, based on record number found by searching for a specified value in a specified column.

| Item       | Operation            | Input                   | Output |
|------------|----------------------|-------------------------|--------|
|            |                      | "ColumnName",           |        |
|            |                      | Parameter("DataValue"), |        |
| 🖽 WebTable | SelectRadioGroup_TKS | "RadioGroupColumnName"  |        |

### Parameters

## 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. The order of the steps are to select the radio button with the value that is provided in the Presentment column of the Datasheet from the Radio Buttons that are in the Presentment column of the Template Name table in the application. Next, the link that is in the Primary Data Source column of the Template Name table will be selected. Finally the image that is the Supplementary Data Source column of the Template Name table will be clicked.

| 📆 Template Name | SelectRadioGroup_TKS  | "Presentment",Parameter("Presentment"),"Presentment"        |
|-----------------|-----------------------|---|
| 📆 Template Name | SelectLinkInCell_TKS  | LocalParameter("Record_Number"),"Primary Data Source"       |
| 🚰 Template Name | SelectImageInCell_TKS | LocalParameter("Record_Number"),"Supplementary Data Source" |



## SelectRadioGroupIfExist\_TKS

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

| Item       | Operation                   | Input                             | Output |
|------------|-----------------------------|-----------------------------------|--------|
|            |                             | Parameter("SearchTable "),        |        |
|            |                             | Parameter("ColumnName"),          |        |
| l m        |                             | Parameter("DataValue"),           |        |
| 冠 WebTable | SelectRadioGroupIfExist_TKS | 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. The order of the steps are to Verify Oracle iProcurement page opens. 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 Select radiogroup item in "Requisition\_Status" Column and record\_number found by searching for in "Requisition" column of "Requisition" WebTable if Exists.

 Oracle iProcurement: ...
 VerifyExists\_TKS

 III Requisition
 GetRecordByValue\_TKS

 Parameter("Search\_Criteria")

 III Requisition
 SelectRadioGroupIfExist\_TKS

LocalPara...



## SelectRow\_TKS

This keyword will select a specified row in a specified table.

| Item     | Operation     | Input                   | Output                          |
|----------|---------------|-------------------------|---------------------------------|
| WebTable | SelectRow_TKS | Parameter("Row_Number") | LocalParameter("Record_Number") |

### Parameters

Row\_Number

Row to be selected

## **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 Oracle iProcurement page opens. The order of the Select the row number "2" in the "Requisition" Web table. Clicks and selects the Second row.

Oracle iProcurement: Con... VerifyExists\_TKS
 Requisition SelectRow\_TKS "2"

.

LocalParameter("Record\_Number")



## SelectSubString\_TKS

This keyword selects a specified partial value from a drop-down list of values.

| Item        | Operation           | Input                  | Output |
|-------------|---------------------|------------------------|--------|
| 写 ' WebList | SelectSubString_TKS | Parameter("DataValue") |        |

### Parameters

DataValue

The partial value selected from a specified list of values.

### **Return Values**

The value selected from the specified list of values.

### Example

Here is an example of a component that is using this keyword. The order of the steps are to Click Clear\_All Button the value provided in the Clear\_All\_Button column of the datasheet. Then the value provided in the Item\_Type column of the datasheet will be selected from the list of the State WebList Field. Then enter the value provided in the Item\_Description column of the datasheet into the Item WebEdit Field

Select value from dropdown list by searching for partial DataValue in WebList box .

| 🔲 Clear All        | Click_TKS       | Parameter("Clear_All_Button")  |
|--------------------|-----------------|--------------------------------|
| 🔚 Item Type        | SelectSubString | Parameter("Item_Type")         |
| 🥖 Item Description | Enter_TKS       | Parameter ("Item_Description") |



## SelectWait\_TKS

This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF) and then waits 1 second. If this keyword is used for a list box, this keyword selects a specified value from a selected drop-down list of values, then waits one second. If no data value is specified, this step will be skipped and execution will continue.

| Item        | Operation      | Input                       | Output |
|-------------|----------------|-----------------------------|--------|
| WebList     | SelectWait_TKS | Parameter("DataValue")      |        |
| WebCheckBox | SelectWait_TKS | Parameter("checkboxstatus") |        |

## Parameters

#### DataValue

This is the value to search for.

#### checkboxstatus

This is the status to set the checkbox/ TKSWebCheckBox 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/ TKSWebCheckBox will be checked. If the value is set to <OFF>, the checkbox/ TKSWebCheckBox 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 datasheet.

| 📴 Search Keyword   | Enter_TKS                 | Parameter("Search_Keyword")           |
|--|---------------------------|---------------------------------------|
| 🚰 Show All Sites   | SelectCheckBoxIfExist_TKS | Parameter("Show_All_Sites")           |
| <section-header> Search By Name or Number</section-header> | 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 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")            |



## SetObjectIndexByWebTableParent\_TKS

This keyword sets a 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 |
|------------|------------------------------------|-----------------------|--------|
| 퇴 Image    |                                    |                       |        |
| <b>.</b>   |                                    |                       |        |
| WebButton  |                                    |                       |        |
| 🔢 WebTable | SetObjectIndexByWebTableParent_TKS | Parameter("InnerTextS | tart") |

### 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. 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. 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")    |
|----------------------|------------------------------------|-------------------------------|
| Sec 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. The order of the steps are to set the Template Name table object to an output parameter called Template\_Name\_Table. This is so the table can be used as an input to a subsequent step of the component not shown here. Next, the index of the Template Name table is being set based on the parent table the Template Name is a child of. In this example, the name of the parent table is Bill Creation To Date. Finally, a radio button specified in the Datasheet column called "Rule\_Name" is being selected in the Rule Name column of the Template Name table.

| 📆 Template Name | SetToParameter_TKS                 |  | Parameter("Template_Name_Table") |
|-----------------|------------------------------------|--|----------------------------------|
| 🚰 Template Name | SetObjectIndexByWebTableParent_TKS | "Bill Creation To Date"                        |                                  |
| 🚰 Template Name | SelectRadioGroupIfExist_TKS        | "Rule Name",Parameter("Rule_Name"),"Rule Name" |                                  |



## 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   |                    |       |                       |
| WebElement | SetToParameter_TKS |       | LocalParameter("Obj") |
| 🔉 Link     |                    |       |                       |

## Example

÷.

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

| 📄 Expenses Home            | VerifyExists_TKS   |  |                                 |
|----------------------------|--------------------|--|---------------------------------|
| III Notifications Previous | SetToParameter_TKS |  | LocalParameter("tempTable")     |
| III Notifications          | GetRecordByValue   | "Subject",Parameter("Subject"),"True", | LocalParameter("Record_Number") |
| III Notifications          | EnterField_TKS     | LocalParameter ("Record_Number"), "Se  |                                 |

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Oracle iProcurement: Contractor Page is open and then set the Category WebElement object to a LocalParameter called Category so it can be used later in the component.

| 🗋 Oracle iProcurement: Contractor | VerifyExists_TKS   |                            |
|-----------------------------------|--------------------|----------------------------|
| 💷 Category                        | SetToParameter_TKS | LocalParameter("Category") |



Here is an example of a component that is using this keyword. The order of the steps are to verify that the Oracle iProcurement: Contractor Page is open and then set the Non\_Catalog\_Request link object to a LocalParameter called Non\_Catalog\_Request so it can be used later in the component.

Oracle iProcurement: Contractor VerifyExists\_TKS 📾 Non-Catalog Request

SetToParameter\_TKS

LocalParameter ("Non\_Catalog\_Request")



# 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  |
|------------------|-----------|---------------------------|---------|
| <i>S</i> Browser |           |                           |         |
| Frame            |           |                           |         |
|                  |           | Parameter("Status_Bar_Mes | sage"), |
| Page             | Sync_TKS  | 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.

## Example

Here is an example of a component that is using this keyword. 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. 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")                               |

Here is an example of a component that is using this keyword. 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")                          |
| Sec Hyperlink Description              | Enter_TKS | Parameter("Hyperlink_Description")                   |



# 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 |
|----------|------------------------|----------------------------------|--------|
|          |                        | LocalParameter("Record_Number"), |        |
|          |                        | "ColumnName",                    |        |
| m        | VerifyFieldByIndex_TKS | Parameter("DataValue"),          |        |
| WebTable |                        | 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.

## 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 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       |  |          |  |
|--------------------------------|------------------------|--|----------|--|
| III Change Requisition Details | GetRecordByValueMulti  | "Line",Parameter("Line"),"False","NextTableObj","NextTableLink","10" | LocalPar |  |
| 🎹 Change Requisition Details   | VerifyFieldByIndex_TKS | LocalParameter("Record_Number"), "Line",Parameter("Line"), "0"       |          |  |



# VerifyFieldContains\_TKS

This keyword verifies that a specified value is in a specified field in a specified table, based on test data sheet.

| Item       | Operation               | Input  | Output |
|------------|-------------------------|--|--------|
| 🖽 WebTable | VerifyFieldContains_TKS | LocalParameter("Record_Number"),<br>"ColumnName"<br>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.

## Example

Here is an example of a component that is using this keyword. 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 WebTable.

| 📄 Change Order Review an       | VerifyExists_TKS      |  |                 |
|--------------------------------|-----------------------|--|-----------------|
| III Change Requisition Details | GetRecordByValueMulti | "Line",Parameter("Line"),"False","NextTableObj | LocalParameter( |
| III Change Requisition Details | VerifyFieldContains 💌 | LocalParameter("Record_Number"),"Line",Para    | LocalParameter( |
| I Change Requisition Details   | VerifyField_TKS       | LocalParameter("Record_Number"),"Order Typ     |                 |



# VerifyFieldDefault\_TKS

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

| Item       | Operation              | Input                            | Output |
|------------|------------------------|----------------------------------|--------|
| l m        |                        | LocalParameter("Record_Number"), |        |
| 🖽 WebTable | VerifyFieldDefault_TKS | "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. The order of the steps are to Verify Oracle iProcurement page opens. 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 the value in the cell determined by the row saved into the LocalParameter Record\_Number and "Requisition Status" column starting from index will be compared to the value provided in the Requisition\_status column of the datasheet to verify that they are equal.

Oracle iProcurement: ... VerifyExists\_TKS III Requisition III Requisition

GetRecordByValue\_TKS Parameter("Search\_Criteria") VerifyFieldDefault\_TKS LocalParameter("Record\_Number"), "Requistion Status" LocalPara..



# VerifyPartialText\_TKS

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

| Item         | Operation             | Input                     | Output  |
|--------------|-----------------------|---------------------------|---------|
|              |                       | Parameter("LeftString"),  |         |
| <u>^</u>     |                       | Parameter("RightString"), |         |
| 🎾 WebElement | VerifyPartialText_TKS | Parameter("DataValue")    |         |
|              |                       | LocalParameter("Record_Nu | nber"), |
|              |                       | "ColumnName",             |         |
|              |                       | Parameter("LeftString"),  |         |
|              |                       | Parameter("RightString"), |         |
| 🖽 WebTable   | VerifyPartialText_TKS | Parameter("DataValue")    |         |

#### Parameters

#### RecordNumber

Record in which value to be verified is located.

#### ColumnName

Column in which value to be verified is located.

#### 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 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 search for the row in the table that has the value provided in the Search\_Value column of the Datasheet that is under the column provided in the Search\_Column column of the Datasheet. If multiple rows are found, the row with the index that is provided in the Index column of the Datasheet will be used. It will then verify that the value in cell from that row and the Template Name column



matches the value provided in the Template\_Name column of the Datasheet. Next, same row will be found and the value in the Transaction Class column will be compared to the value provided in the Transaction\_Class column of the Datasheet. Finally, the value provided in the Template\_Status column of the Datasheet will be verified against the partial value that is found in the cell from the row provided by LocalParameter("Record\_Number") (which is determined in a step prior to the steps shown in this example) and the Template Status column of the template Name table. The value will be compared against the value that is in between the text provided in the Right\_String and Left\_String columns of the Datasheet. If the value is found in the cell, but not between the left and right strings, the step will fail.

 Template Name
 VerifyWithSearchByIndex\_TKS
 Parameter("Search\_Column").Parameter("Search\_Value")."Template Name").Parameter("Template\_Name").Parameter("Index")

 Template Name
 VerifyWithSearch\_TKS
 Parameter("Search\_Column").Parameter("Search\_Value")."Transaction Class".Parameter("Transaction\_Class")

 Template Name
 VerifyWithSearch\_TKS
 LocalParameter("Record\_Number")."Template Status".Parameter("Left\_String").Parameter("Right\_String").Parameter("Template\_Status")



## VerifyTableWithOffsetIndex\_TKS

This keyword Verify value in field in table using column offset for tables with merged columns.

| Item       | Operation                      | Input                            | Output |
|------------|--------------------------------|----------------------------------|--------|
|            |                                | LocalParameter("Record_Number"), |        |
| 冠 WebTable |                                | "ColumnName",                    |        |
|            | VerifyTableWithOffsetIndex_TKS | Parameter("colOffset"),          |        |
|            |                                | 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.

colOffset

Offset integer value for the column for tables with merged columns.

DataValue

This is the data value to be verified.

## Example

Here is an example of a component that is using this keyword. Verify value in field in table using column offset for tables with merged columns. Verify the value in specified field in the table based on data in the datasheet.

| 🗋 Change Order Review an       | VerifyExists_TKS             |   |                                 |
|--------------------------------|------------------------------|---|---------------------------------|
| III Change Requisition Details | GetRecordByValueMultiplePag  | "Line",Parameter("Line"),"False","NextTableObj","NextTableLink","10"    | LocalParameter("Record_Number") |
| III Change Requisition Details | VerifyTableWithOffsetIndex_T | LocalParameter("Record_Number"), "Line", "ColOffSet", Parameter("Line") |                                 |
| III Change Requisition Details | VerifyField_TKS              | LocalParameter("Record_Number"),"Order Type",Parameter("Order_Type")    |                                 |
| _                              | 1                            |   |                                 |



## VerifyWithSearch\_TKS

Finds record corresponding to searched value and verifies value in verified column for the record found. Failed results are logged to Test Results.

| Item       | Operation            | Input                      | Output |
|------------|----------------------|----------------------------|--------|
|            |                      | Parameter("SearchColumnNan | ne"),  |
|            |                      | Parameter("searchValue"),  |        |
|            |                      | "VerifyColumnName"         |        |
| 🖼 WebTable | VerifyWithSearch_TKS | Parameter("DataValue")     |        |

#### 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. The order of the steps are to search for the row in the table that has the value provided in the Search\_Value column of the Datasheet that is under the column provided in the Search\_Column column of the Datasheet. If multiple rows are found, the row with the index that is provided in the Index column of the Datasheet will be used. It will then verify that the value in cell from that row and the Template Name column matches the value provided in the Template\_Name column of the Datasheet. Next, same row will be found and the value in the Transaction Class column will be compared to the value provided in the Transaction\_Class column of the Datasheet. Finally, the value provided in the Template\_Status column of the Datasheet will be verified against the partial value that is found in the cell from the row provided by LocalParameter("Record\_Number") (which is determined in a step prior to the steps shown in this example) and the Template Status column of the template Name table. The value will be compared against the value that is in between the text provided in the Right\_String and Left\_String columns of the Datasheet. If the value is found in the cell, but not between the left and right strings, the step will fail.

| 📆 Template Name | VerifyWithSearchByIndex_TKS | Parameter("Search_Column"),Parameter("Search_Value"),"Template Name",Parameter("Template_Name"),Parameter("Index")                |
|-----------------|-----------------------------|---|
| 📆 Template Name | VerifyWithSearch_TKS        | Parameter("Search_Column"),Parameter("Search_Value"),"Transaction Class",Parameter("Transaction_Class")                           |
| 🚼 Template Name | VerifyPartialText_TKS       | LocalParameter("Record_Number"),"Template Status",Parameter("Left_String"),Parameter("Right_String"),Parameter("Template_Status") |



## VerifyWithSearchByIndex\_TKS

Finds record corresponding to searched value and verifies value in verified column for the record found. Failed results are logged to Test Results.

| Item    | Operation                | Input Output                   |
|---------|--------------------------|--------------------------------|
|         |                          | Parameter("SearchColumnName"), |
|         |                          | Parameter("searchValue"),      |
|         |                          | "VerifyColumnName"             |
|         |                          | Parameter("DataValue"),        |
| 📅 WebTa | ble VerifyWithSearchByIn | dex_TKS Parameter("index")     |

## 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.

#### index

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 search for the row in the table that has the value provided in the Search\_Value column of the Datasheet that is under the column provided in the Search\_Column column of the Datasheet. If multiple rows are found, the row with the index that is provided in the Index column of the Datasheet will be used. It will then verify that the value in cell from that row and the Template Name column matches the value provided in the Template\_Name column of the Datasheet. Next, same row will be found and the value in the Transaction Class column will be compared to the value provided in the Transaction\_Class column of the Datasheet. Finally, the value provided in the Template\_Status column of the Datasheet will be verified against the partial value that is found in the cell from the row provided by LocalParameter("Record\_Number") (which is determined in a step prior to the steps shown in this example) and the Template Status column of the template Name table. The value will be compared against the value that is in between the text provided in the Right\_String and Left\_String columns of the Datasheet. If the value is found in the cell, but not between the left and right strings, the step will fail.

 Image: Template Name
 VerifyWithSearchByIndex\_TKS
 Parameter("Search\_Column"),Parameter("Search\_Value"),"Template Name"),Parameter("Template\_Name"),Parameter("Index")

 Image: Template Name
 VerifyWithSearch\_TKS
 Parameter("Search\_Column"),Parameter("Search\_Value"),"Transaction Class",Parameter("Transaction\_Class")

 Image: Template Name
 VerifyWithSearch\_TKS
 Parameter("Search\_Column"),Parameter("Search\_Value"),"Transaction Class",Parameter("Transaction\_Class")

 Image: Template Name
 VerifyPartialTex\_TKS
 LocalParameter("Record\_Number"),"Template Status",Parameter("Left\_String"),Parameter("Right\_String'),Parameter("Template\_Status")