



TKS Oracle JInit Keywords

User guide
2016

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TKS Oracle JInit Keywords

This is a reference for information about the keywords used for the Oracle E-Business Suite.

Oracle Jinit Keyword Help

TurnKey Confidential - Do not Distribute

TKS Oracle JInit Standard Keywords

Modules:

 JavaCheckBox	Custom Functions for use with "JavaCheckBox" Test Objects.
 JavaEdit	Custom Functions for use with "JavaEdit" Test Objects.
 JavaList	Custom Functions for use with "JavaList" Test Objects.
 JavaWindow	Custom Functions for use with "JavaWindow" Test Objects.
 Operation	Custom Operations for use with Oracle.
 OracleApplications	Custom Functions for use with "OracleApplications" Test Objects.
 OracleButton	Custom Functions for use with "OracleButton" Test Objects.
 OracleCheckbox	Custom Functions for use with "OracleCheckbox" Test Objects.
 OracleFlexWindow	Custom Functions for use with "OracleFlexWindow" Test Objects.
 OracleFormWindow	Custom Functions for use with "OracleFormWindow" Test Objects.
 OracleList	Custom Functions for use with "OracleList" Test Objects.
 OracleListOfValues	Custom Functions for use with "OracleListOfValues" Test Objects.
 OracleNotification	Custom Functions for use with "OracleNotification" Test Objects.
 OracleNavigator	Custom Functions for use with "OracleNavigator" Test Objects.
 OracleRadioGroup	Custom Functions for use with "OracleRadioGroup" Test Objects.
 OracleStatusLine	Custom Functions for use with "OracleStatusLine" Test Objects.
 OracleTabbedRegion	Custom Functions for use with "OracleTabbedRegion" Test Objects.
 OracleTable	Custom Functions for use with "OracleTable" Test Objects.
 OracleTextField	Custom Functions for use with "OracleTextField" Test Objects.
 OracleTree	Custom Functions for use with "OracleTree" Test Objects.

Standard Object Types

Modules:

 JavaCheckBox	Custom Functions for use with "JavaCheckBox" Test Objects.
 JavaEdit	Custom Functions for use with "JavaEdit" Test Objects.
 JavaList	Custom Functions for use with "JavaList" Test Objects.
 JavaWindow	Custom Functions for use with "JavaWindow" Test Objects.
 Operation	Custom Operations for use with Oracle.
 OracleApplications	Custom Functions for use with "OracleApplications" Test Objects.
 OracleButton	Custom Functions for use with "OracleButton" Test Objects.
 OracleCheckbox	Custom Functions for use with "OracleCheckbox" Test Objects.
 OracleFlexWindow	Custom Functions for use with "OracleFlexWindow" Test Objects.
 OracleFormWindow	Custom Functions for use with "OracleFormWindow" Test Objects.
 OracleList	Custom Functions for use with "OracleList" Test Objects.
 OracleListOfValues	Custom Functions for use with "OracleListOfValues" Test Objects.
 OracleNotification	Custom Functions for use with "OracleNotification" Test Objects.
 OracleNavigator	Custom Functions for use with "OracleNavigator" Test Objects.
 OracleRadioGroup	Custom Functions for use with "OracleRadioGroup" Test Objects.
 OracleStatusLine	Custom Functions for use with "OracleStatusLine" Test Objects.
 OracleTabbedRegion	Custom Functions for use with "OracleTabbedRegion" Test Objects.
 OracleTable	Custom Functions for use with "OracleTable" Test Objects.
 OracleTextField	Custom Functions for use with "OracleTextField" Test Objects.
 OracleTree	Custom Functions for use with "OracleTree" Test Objects.

JavaCheckBox

Custom Functions for use with "JavaCheckBox" Test Objects.

Methods:

Name	Description
 Set_TKS	This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF). If the data sheet is left blank, this step will be skipped and execution will continue.

JavaEdit

Custom Functions for use with "JavaEdit" Test Objects.

Methods:

Name	Description
 Set_TKS	This keyword enters a specified data value. If the value is left blank, this step will be skipped and execution will continue.

JavaCheckBox

Custom Functions for use with "JavaList" Test Objects.

Methods:

Name	Description
 SelectJavaListItem	This keyword finds and selects an item from a Java List by matching the input values provided.

JavaWindow

Custom Functions for use with "JavaWindow" Test Objects.

Methods:

Name	Description
 VerifyExists_TKS	This keyword verifies that a specified Java Window opens.

Operation

Custom Operations for use with Oracle.

Methods:

Name	Description
 ClickButtonIfExists_TKS	This keyword clicks a button based on the input arguments provided in the Datasheet (the parent window title, the button label and the tab title) if the button exists.
 CloseAllForms	This keyword closes all open Oracle forms, returning the user to the Navigator screen. If any forms or windows are closed, the status will be reported to Test Results. This is used as part of the DataLoad component and not generally needed outside this component.
 CloseWindow_TKS	This form closes a window based on the title of the parent window. This method can be useful in a reusable context where it is unknown at development time what form will be present.
 Wait_TKS	This keyword waits for certain number of seconds. If left blank, this step is skipped and execution will continue.

OracleApplications

Custom Functions for use with "OracleApplications" Test Objects.

Methods:

Name	Description
 VerifyExists_TKS	This keyword verifies that a specified Oracle window, OracleFlexWindow, OracleListOFValues, or OracleNotification opens.

OracleButton

Custom Functions for use with "OracleButton" Test Objects.

Methods:

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

OracleCheckbox

Custom Functions for use with "OracleCheckbox" Test Objects.

Methods:

Name	Description
 Select_TKS	This keyword sets a checkbox value to on or off as specified in the Datasheet. If nothing is specified for the checkbox in the Datasheet, this step will be skipped and execution will continue.
 Verify_TKS	This keyword verifies that the actual value matches the expected value. If the expected value is left empty, this step will be skipped and execution will continue.

OracleFlexWindow

Custom Functions for use with "OracleFlexWindow" Test Objects.

Methods:

Name	Description
 ClickButtonText_TKS	This keyword clicks a button on a window that displays the text in the LabelText parameter.
 VerifyExists_TKS	This keyword verifies that a specified Oracle window, OracleFlexWindow, OracleListOFValues, or OracleNotification opens.

OracleFormWindow

Custom Functions for use with "OracleFormWindow" Test Objects.

Methods:

Name	Description
 ClickButtonText_TKS	This keyword clicks a button on a window that displays the text in the LabelText parameter.
 CloseIfExists_TKS	This keyword will close a window if it is open.
 VerifyExists_TKS	This keyword verifies that a specified Oracle window, OracleFlexWindow, OracleListOFValues, or OracleNotification opens.

OracleList

Custom Functions for use with "OracleList" Test Objects.

Methods:

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 selects a specified item in a list of values. If no data value is specified, this step will be skipped and execution will continue.
 Verify_TKS	This keyword verifies that the actual value matches the expected value. If the expected value is left empty, this step will be skipped and execution will continue.

OracleListOfValues

Custom Functions for use with "OracleListOfValues" Test Objects.

Methods:

Name	Description
 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.
 VerifyExists_TKS	This keyword verifies that a specified Oracle window, OracleFlexWindow, OracleListOfValues, or OracleNotification opens.

OracleNotification

Custom Functions for use with "OracleNotification" Test Objects.

Methods:

Name	Description
 ApproveIfExists_TKS	This keyword retrieves the Request ID, Journal number or the first number found in a notification message in the notification window for multiple formats. In the message, if the ID comes after a numeric string without prefix of " ID", " Request" or " Number," then use the ParseNumberFromText function directly, or modify this function to check for a new prefix.
 ClickButtonText_TKS	This keyword clicks a button on a window that displays the text in the LabelText parameter.
 MultipleApprove_TKS	This keyword optionally approves multiple instances of an Oracle notification window, if it is present. A screenshot of the window will be placed in Test Results and attached to Run Results. If the notification windows are not present, this step will be skipped and execution will continue.
 VerifyExists_TKS	This keyword verifies that a specified Oracle window, OracleFlexWindow, OracleListOfValues, or OracleNotification opens.

OracleNavigator

Custom Functions for use with "OracleNavigator" Test Objects.

Methods:

Name	Description
 SelectPath_TKS	This keyword will select a path in the navigator form.

OracleRadioGroup

Custom Functions for use with "OracleRadioGroup" Test Objects.

Methods:

Name	Description
 Select_TKS	This keyword selects a specified radio button in an OracleRadioGroup. If no data value is specified, this step will be skipped and execution will continue.
 Verify_TKS	This keyword verifies that the actual value matches the expected value. If the expected value is left empty, this step will be skipped and execution will continue.

OracleStatusLine

Custom Functions for use with "OracleStatusLine" Test Objects.

Methods:

Name	Description
 Verify_TKS	This keyword verifies that the actual date matches the expected date.

OracleTabbedRegion

Custom Functions for use with "OracleTabbedRegion" Test Objects.

Methods:

Name	Description
 ClickButtonText_TKS	This keyword clicks a button on a window that displays the text in the LabelText parameter.
 Select_TKS	This keyword selects the tab as specified, as long as it exists and is enabled. If the tab does not exist, this step is skipped and execution will continue.

OracleTable

Custom Functions for use with "OracleTable" Test Objects.

Methods:

Name	Description
 AddEditLineOperation_TKS	This keyword will either Add or Edit a line in a table.
 EnterField_TKS	This keyword enters a value into a cell of a table. If the record number or the data value is blank, it will skip the entry and continue with execution.
 EnterFieldNoValidation_TKS	This keyword enters a value into a cell of a table. If the record number is blank or the data value is blank, it will skip the entry and continue with execution.
 OpenDialogIfNotOpen_TKS	This keyword opens a dialog window for a cell in a table if the dialog is not already open. This is most commonly used to open Oracle Flex Fields from a table.
 OutputToSheet_TKS	This keyword retrieves the value from the selected cell in the table object and outputs it to the specified data spreadsheet column.
 VerifyField_TKS	This keyword verifies a data value specified in a data sheet with a value within a cell in a table.

OracleTextField

Custom Functions for use with "OracleTextField" Test Objects.

Methods:

Name	Description
 Enter_TKS	This keyword optionally enters a value into a field after looking for tags.
 OpenDialogIfNotOpen_TKS	This keyword opens a dialog window from an Oracle Text Field if the window is not already open.
 OutputToSheet_TKS	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.
 Verify_TKS	This keyword verifies that the actual value matches the expected value. If the expected value is left empty, this step will be skipped and execution will continue.

OracleTree

Custom Functions for use with "OracleTree" Test Objects.

Methods:

Name	Description
 ExpandSelect_TKS	This keyword will expand each node of an Oracle tree path and then select/activate the last node shown in the tree path.

Standard Keywords

Keywords:

 [AddEditLineOperation_TKS](#)

This keyword will either Add or Edit a line in a table based on the input parameters.

 [ApproveIfExists_TKS](#)

This keyword will check to see if a notification window is open. If the notification exists Yes or OK or Continue (whichever button is on the window that will approve it). If the continue without failing but will report to the run results that no notification opened.

 [ClickButtonIfExists_TKS](#)

This keyword clicks a button based on the input arguments provided in the Datasheet (label and the tab title) if the button exists.

 [ClickButtonText_TKS](#)

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

 [ClickIfExist_TKS](#)

This keyword clicks a button only if it exists.

 [CloseAllForms](#)

This keyword closes all open Oracle forms, returning the user to the Navigator screen.

 [CloseIfExists_TKS](#)

This keyword will close a window if it is open.

 [CloseWindow_TKS](#)

This form closes a window based on the title of the parent window.

 [Enter_TKS](#)

This keyword optionally enters a value into a field.

 [EnterField_TKS](#)

This keyword enters a value into a cell of a table.

 [EnterFieldNoValidation_TKS](#)

This keyword enters a value into a cell of a table without a verification.

 [ExpandSelect_TKS](#)

This keyword enters a value into a cell of a table without a verification.

 [MultipleApprove_TKS](#)

This keyword optionally approves multiple instances of an Oracle notification window.

 [OpenDialogIfNotOpen_TKS](#)

This keyword opens a dialog window for a cell in a table if the dialog is not already open.

 [OutputToSheet_TKS](#)

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

 [Select_TKS](#)

This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF).

 [SelectJavaListItem](#)

This keyword finds and selects an item from a Java List by matching the input values.

 [SelectPath_TKS](#)

This keyword will select a path in the navigator form.

 [Set_TKS](#)

This keyword enters a specified data value.

 [Verify_TKS](#)

This keyword verifies that the actual value matches the expected value.

 [VerifyExists_TKS](#)

This keyword verifies that a specified Java Window opens.

 [VerifyField_TKS](#)

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

 [Wait_TKS](#)

This keyword waits for certain number of seconds.

AddEditLineOperation_TKS

This keyword will either Add or Edit a line in a table based on the input parameters. If it is to Add a line, the first blank record number (row) will be used. If it is to Edit a line, it will use the search column and search value provided to find the correct record number (row).

Item	Operation	Input	Output
 OracleTable	AddEditLineOperation_TKS	Parameter ("AddEditLine"), Parameter ("SearchColumn"), Parameter ("SearchValue")	LocalParameter ("RecordNumber")

Parameters

AddEditLine

This value will determine which action is taken on the table. If the value is "Add", the first blank record number (row) will be found and the focus will be set to it so that data will be entered into the new row. If the value is "Edit", the record number (row) that contains the searched for value in the searched column will be found and the focus will be set to it so the data in that row can be edited. If the value is set to a numeric value, that is the record number (row) that the focus will be set to so the data in that row can be edited. It is only recommended to use the numeric value if the same row will be interacted with every time the test scenario is run.

SearchColumn

This is the name of the column to search in for the data value given in the SearchValue parameter. This need only have a value if "Edit" is being used in the AddEditLine parameter.

SearchValue

This is the data value to search for in the column given in the SearchColumn parameter. This need only have a value if "Edit" is being used in the AddEditLine parameter.

Return Values

This keyword will return the record number of the current record that the focus was set to. It is typically saved to a Local Parameter so the row number can be used in subsequent automation steps in the component.

Example

Here is an example of a component that is using this keyword. The order of the steps are to Load the data from the Datasheet and verify that the AutoAllocation Workbench form has opened in the Datasheet. The next step is to use the AddEditLineOperation_TKS keyword. This will output a LocalParameter called Record_Number that is the row in the table to automate. The row will be determined by the values provided by the user in the Datasheet. The next step is an operation called SetOutputParameter_TKS that will take the LocalParameter Record_Number and convert it into an output parameter for the component so that it could be used to link another component to this one.

Operation	LoadData		
AutoAllocation Workbench	VerifyExists_TKS		
ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine");Parameter("Search_Column");Parameter("Search_Value")	LocalParameter("Record_Number")
Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")

ApproveIfExists_TKS

This keyword will check to see if a notification window is open. If the notification exists, it will be approved by clicking Yes or OK or Continue (whichever button is on the window that will approve it). If the window is not open, the test will continue without failing but will report to the run results that no notification opened.

Item	Operation	Input	Output
 OracleNotification	ApproveIfExists_TKS	Parameter ("Contains")	

Parameters

Contains

This is the block of text to match in notification message to identify the correct note.

Example

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and capture a screenshot of the application and title the screenshot Notification Window. Then the notification will be approved if the notification window contains the value provided in the Contains column of the Datasheet.

 Operation	LoadData	
 Generic Notification	CaptureScreenClip_TKS	"Notification Window"
 Generic Notification	ApproveIfExists_TKS	Parameter("Contains")

ClickButtonIfExists_TKS

This keyword clicks a button based on the input arguments provided in the Datasheet (the parent window title, the button label and the tab title) if the button exists. If the form that is named in the formTitle argument is not found in the time provided in the formTimeOut argument, this automation step will report an error to the run results.

Item	Operation	Input	Output
 Operation	ClickButtonIfExists_TKS	Parameter ("formTitle"), Parameter ("buttonLabel"), Parameter ("tabRegionLabel"), Parameter ("formTimeOut")	

Parameters

formTitle

This is the title on the Oracle form where the button is located.

buttonLabel

This is the text on the button to be clicked.

tabRegionLabel

This is the title of the tab where the button is located.

formTimeOut

This is the number of seconds to wait for the Oracle form before reporting an error.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds. Then the button provided in the Button_Label column of the Datasheet that is on the tab provided in the Tab_Region column of the Datasheet which is on the form provided in the Form_Title column of the Datasheet will be clicked within the number of seconds provided in the Timeout column of the Datasheet. Next the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList.

 Account Inquiry	VerifyExists_TKS	
 Operation	ClickButtonIfExists_TKS	Parameter("Form_Title"),Parameter("Button_Label"),Parameter("Tab_Region"),Parameter("Timeout")
 Currency Type	Select_TKS	Parameter("Currency_Type")

ClickButtonText_TKS

This keyword clicks any button on a window. Just provide the text of the button on the form that is to be clicked. If no button label is provided, the automation step will be skipped.

Item	Operation	Input	Output
 OracleFlexWindow			
 OracleFormWindow			
 OracleNotification			
 OracleTabbedRegion	ClickButtonText_TKS	Parameter ("ButtonLabel")	

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 Open the Location Flexfield from the Location TextField object and then to click the button on the Location Flexfield that is supplied by the user in the Button_Label column of the Datasheet. Next, the Site TextField will be searched for and if it is found, the value provided by the user in the Site column of the Datasheet will be entered into the Site TextField.

 Location	OpenDialogIfNotOpen_TKS	"Location Flexfield"
 Location Flexfield	ClickButtonText_TKS	Parameter("Button_Label")
 Site	EnterIfExist_TKS	Parameter("Site")

Here is an example of a component that is using this keyword. The order of the steps are to enter the value in the Lease_Number_Description column of the Datasheet into the Lease Number Description EditField. Next a screenshot of the application will be taken and titled Find Assets Form in the run results. Next the button that is provided in the Button_Label column of the Datasheet will be clicked if it is found on the Find Assets OracleFormWindow.

 Lease Number Description	Enter_TKS	Parameter("Lease_Number_Description")
 Find Assets	CaptureScreenClip_TKS	"Find Assets Form"
 Find Assets	ClickButtonText_TKS	Parameter("Button_Label")

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and then approve the number of notifications that is provided in the NumberOfWindows column of the Datasheet. The status that will be reported to the run results will be based on whether or not the notifications were successfully approved and the value provided in the Status column of the Datasheet. Then the button that is provided in the Button_Label column of the Datasheet will be clicked if it is found on the Notification window.

 Operation	LoadData	
 Generic Notification	MultipleApprove_TKS	Parameter("NumberOfWindows"),Parameter("Status")
 Generic Notification	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 Distributions form is open within 90 seconds. Next the button provided in the Button_Label column of the Datasheet will be clicked if it is found in the More Tab on the Distributions form. Next the AddEditLine step will determine the row in the PO_DISTRIBUTIONS OracleTable to work with based on the values provided in the AddEditLine, Search_Column, and Search_Value columns of the Datasheet.

 Distributions	VerifyExists_TKS	
 More	ClickButtonText_TKS	Parameter("Button_Label")
 PO_DISTRIBUTIONS	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")

ClickIfExist_TKS

This keyword clicks a button only if it exists. If it does not exist, execution will continue without reporting a failure to the run results.

Item	Operation	Input	Output
 OracleButton	ClickIfExist_TKS		

Example

Here is an example of a component that is using this keyword. The order of the steps are to open the Category Flexfield Oracle FlexWindow from the Category field. Then a verification step will check to see if the Category Flexfield is open and enter the data that is in the Category_Major and Category_Minor into the respective fields if they are found on the Category Flexfield Oracle FlexWindow. Finally, the OK button on the FlexWindow will be clicked if it is found in the application.

 Category	OpenDialogIfNotOpen_TKS	"Category Flexfield"
 Category Flexfield	VerifyExists_TKS	
 Major Category	EnterIfExist_TKS	Parameter("Category_Major")
 Minor Category	EnterIfExist_TKS	Parameter("Category_Minor")
 OK	ClickIfExist_TKS	

CloseAllForms

This keyword closes all open Oracle forms, returning the user to the Navigator screen. If any forms or windows are closed, the status will be reported to Test Results. This is used as part of the Return To Navigator component and not generally needed outside this component.

Item	Operation	Input	Output
 Operation	CloseAllForms	Parameter ("eventStatus")	

Parameters

eventStatus

This is the status to be reported to Test Results if any forms have to be closed. The possible values are micFail/micPass/micWarning/micGeneral.

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 Description EditField is equal to the value provided in the Description column of the Datasheet. Then a screenshot of the application will be taken and titled Account Inquiry Header in the run results and the button provided in the Button_Label column of the Datasheet will be clicked. Next all open forms in the application will be closed.

 Description	Verify_TKS	Parameter("Description")
 Account Inquiry	CaptureScreenClip_TKS	"Account Inquiry Header"
 Account Inquiry	ClickButtonText_TKS	Parameter("Button_Label")
 Operation	CloseAllForms	Parameter("eventStatus")

CloseIfExists_TKS

This keyword will close a window if it is open.

Item	Operation	Input	Output
 OracleFormWindow	CloseIfExists_TKS		

Example

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the Amortize Adjustment and New Category and Description checkboxes based on the values provided in the Amortize_Adjustment and New_Category_and_Description columns of the Datasheet. Then the Add to Asset Form will be closed if it is found to be open.

 Amortize Adjustment	Select_TKS	Parameter("Amortize_Adjustment")
 New Category and Description	Select_TKS	Parameter("New_Category_and_Description")
 Add to Asset	CloseIfExists_TKS	

CloseWindow_TKS

This form closes a window based on the title of the title provided. This method can be useful in a reusable context where it is unknown at development time what form will be present.

Item	Operation	Input	Output
 Operation	CloseWindow_TKS	Parameter ("FormTitle"), Parameter ("FormTimeOut")	

Parameters

FormTitle

This is the title on the form to close.

FormTimeOut

This is the number of seconds to find the form in the application before it tries to close the form. If you provide 0 for the FormTimeOut, you are telling the tool that the form should already be open. If the tool does not find the form in the given time, it will report an error to the run results.

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 Description EditField is equal to the value provided in the Description column of the Datasheet. Then a screenshot of the application will be taken and titled Account Inquiry Header and the button provided in the Button_Label column of the Datasheet will be clicked. Next form that has the title provided in the Form_Title column of the Datasheet will be closed within the number of seconds provided in the Timeout column of the Datasheet.

 Description	Verify_TKS	Parameter("Description")
 Account Inquiry	CaptureScreenClip_TKS	"Account Inquiry Header"
 Account Inquiry	ClickButtonText_TKS	Parameter("Button_Label")
 Operation	CloseWindow_TKS	Parameter("Form_Title"),Parameter("Timeout")

Enter_TKS

This keyword optionally enters a value into a field.

Item	Operation	Input	Output
 OracleTextField	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. If you provide a value other than one of the tags provided, the exact value you enter in the Datasheet will be entered into the OracleTextField.

Some Useful Tags: (To see a full list of available tags, please reference the Index tab of any of your Datasheets)

<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 the value in the Transfer Date OracleTextField matches the value provided in the Transfer_Date column of the Datasheet, and then enter the value in the Comments column of the Datasheet into the Comments OracleTextField. Next the value provided in the Distribution_Set column of the Datasheet will be selected from the list of the Distribution Set OracleList field.

 Transfer Date	Verify_TKS	Parameter("Transfer_Date")
 Comments	Enter_TKS	Parameter("Comments")
 Distribution Set	Select_TKS	Parameter("Distribution_Set")

EnterField_TKS

This keyword enters a value into a cell of a table. Once the value is entered into the cell, this keyword verifies that it was actually entered in the application. If the record number or the data value is blank, it will skip the entry and continue with execution.

Item	Operation	Input	Output
 OracleTable	EnterField_TKS	LocalParameter ("RecordNumber"), "ColumnName", Parameter ("DataValue")	

Parameters

RecordNumber

This is the record number (row) into which to enter data. This is typically the Local Parameter "RecordNumber" that is determined by the AddEditLineOperation_TKS keyword.

ColumnName

This is the name of the column into which to enter data. This is typically a constant value (because you always want to enter data in the same column for a given automation step) and you will have an automation step for every column present in a table.

DataValue

This is the data value to enter into the cell. If the cell is a check box, use the values of "ON", "OFF", <ON>, <OFF>, TRUE, or FALSE. If the cell is to be cleared, use <CLEAR> as the value. If the cell is a Text Field or a List of Values, provide the exact text of the value to be typed in or selected.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the AutoAllocation Workbench form is open in the application, use the AddEditLineOperation_TKS keyword to determine what row to modify in the table and save it in a LocalParameter Record_Number. Then set that row number to an output parameter of the component called Record_Number_Out. The next step is to use the EnterField_TKS keyword to enter the value provided in the Step column of the Datasheet into the cell of the table corresponding to the row that is being edited and the "Step" column.

 AutoAllocation Workbench	VerifyExists_TKS		
 ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
 ALLOCATION_BATCHES	EnterField_TKS	LocalParameter("Record_Number"),"Step",Parameter("Step")	

EnterFieldNoValidation_TKS

This keyword enters a value into a cell of a table without a verification. If the record number is blank or the data value is blank, it will skip the entry and continue with execution.

Item	Operation	Input	Output
 OracleTable	EnterFieldNoValidation_TKS	LocalParameter (RecordNumber), "ColumnName", Parameter ("DataValue")	

Parameters

RecordNumber

This is the record number (row) into which to enter data. This is typically the Local Parameter "RecordNumber" that is determined by the AddEditLineOperation_TKS keyword.

ColumnName

This is the name of the column into which to enter data. This is typically a constant value (because you always want to enter data in the same column for a given automation step) and you will have an automation step for every column present in a table.

DataValue

This is the data value to enter into the cell. If the cell is a check box, use the values of "ON", "OFF", <ON>, <OFF>, TRUE, or FALSE. If the cell is to be cleared, use <CLEAR> as the value. If the cell is a Text Field or a List of Values, provide the exact text of the value to be typed in or selected.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the AutoAllocation Workbench form is open in the application, use the AddEditLineOperation_TKS keyword to determine what row to work with and set that row number to an Output Parameter of the component. The next step is to enter the value specified in the Datasheet by the user in the Step column into the cell of the table corresponding to the row that is being edited and the "Step" column without verifying that this action has taken place.

 AutoAllocation Workbench	VerifyExists_TKS		
 ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
 ALLOCATION_BATCHES	EnterFieldNoValidation_TKS	LocalParameter("Record_Number"),"Step",Parameter("Step")	

ExpandSelect_TKS

This keyword will expand each node of an Oracle tree path and then select/activate the last node shown in the tree path.

Item	Operation	Input	Output
 OracleTree	ExpandSelect_TKS	Parameter ("TreePath")	

Parameters

TreePath

This is the path to follow. Each node in a tree path should be separated by "->". If this 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. A step with object type as Oracle Tree is present in the business component. The user needs to provide a value in Parameter **Groups** such as **Root->Node1->Node2** in the Datasheet. The keyword ExpandSelect_TKS will then expand the oracle tree for that path and the last node provided will be selected.

 Groups

ExpandSelect_TKS Parameter("Groups")

Expand each

MultipleApprove_TKS

This keyword optionally approves multiple instances of an Oracle notification window, if it is present. A screenshot of the window will be placed in the run results. If the notification windows are not present, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 OracleNotification	MultipleApprove_TKS	Parameter ("NumTimes"), "EventStatus"	

Parameters

NumTimes

This is the number of windows that will be approved.

EventStatus

This is the status that will be shown in the test results for each instance of the notification windows that are approved. The available status are micFail/micGeneral/micWarning/micPass.

Example

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and then approve the number of notifications that is provided in the NumberOfWindows column of the Datasheet. The status that will be reported to the run results will be based on whether or not the notifications were successfully approved and the value provided in the Status column of the Datasheet. Then the button that is provided in the Button_Label column of the Datasheet will be clicked if it is found on the Notification window.

 Operation	LoadData	
 Generic Notification	MultipleApprove_TKS	Parameter("NumberOfWindows"),Parameter("Status")
 Generic Notification	ClickButtonText_TKS	Parameter("Button_Label")

OpenDialogIfNotOpen_TKS

This keyword is used to open Oracle Flex Fields from a table or text field. This needs to be added for any of the DFFs that are active on a particular form.

Item	Operation	Input	Output
 OracleTable		LocalParameter ("RecordNumber"),	
 OracleTextField	OpenDialogIfNotOpen_TKS	"ColumnName", "DialogTitle"	

Parameters

RecordNumber (Only when using this keyword with the OracleTable object)

This is the record number (row) for which the dialog window is to be opened.

ColumnName (Only when using this keyword with the OracleTable object)

This is the column name for which the dialog window is to be opened.

DialogTitle

This is the title of the dialog window to be opened.

Example

Here is an example of a component that is using this keyword. The order of the steps are to open the PO Distributions Flex Form from the row saved in the LocalParameter Record_Number and column [] and then verify that the PO Distributions Flex Form is open within 90 seconds. Then the value in the Context EditField will be compared to the value in the Context column of the Datasheet to verify they are equal. Then the values in the Project_Number and Task_Number columns of the Datasheet will be entered into the Project Number and Tack Number EditFields and the OK button will be clicked if it is found in the application.

 PO_DISTRIBUTIONS	OpenDialogIfNotOpen_TKS	LocalParameter("Record_Number")."[]"."PO Distributions"
 PO Distributions	VerifyExists_TKS	
 Context	Verify_TKS	Parameter("Context")
 Project Number	Enter_TKS	Parameter("Project_Number")
 Task Number	Enter_TKS	Parameter("Task_Number")
 OK	ClickIfExist_TKS	

Here is an example of a component that is using this keyword. The order of the steps are to open the Category Flexfield Oracle FlexWindow from the Category field. Then a verification step will check to see if the Category Flexfield is open and enter the data that is in the Category_Major and Category_Minor columns of the Datasheet into the Major Category and Minor Category fields if they are found in the application. Next, the OK button on the FlexWindow will be clicked if it is found in the application.

 Category	OpenDialogIfNotOpen_TKS	"Category Flexfield"
 Category Flexfield	VerifyExists_TKS	
 Major Category	EnterIfExist_TKS	Parameter("Category_Major")
 Minor Category	EnterIfExist_TKS	Parameter("Category_Minor")
 OK	ClickIfExist_TKS	

OutputToSheet_TKS

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

Item	Operation	Input	Output
 OracleList			
 OracleTable		LocalParameter (RecordNumber"), "ColumnName",	Parameter
 OracleTextField	OutputToSheet_TKS	"SheetColumnName"	("SheetColumnName_Out")

Parameters

RecordNumber (Only when using this keyword with the OracleTable object)

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

ColumnName (Only when using this keyword with the OracleTable object)

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

SheetColumnName

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

Return Values

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

Example

Here is an example of a component that is using this keyword. The order of the steps are to Load the data from the Datasheet and verify that the Account Inquiry form is opened in the application. Next is to use the OutputToSheet_TKS keyword to capture the value that is in the Currency Type OracleList and save it into an output parameter called Currency_Type_Out as well as save it in the Datasheet in the Currency_Type column.



Operation	LoadData		
Account Inquiry	VerifyExists_TKS		
CurrencyType	OutputToSheet_TKS	"Currency_Type"	Parameter("Currency_Type_Out")

Here is an example of a component that is using this keyword. The order of the steps are to use the AddEditLineOperation_TKS. This will output a LocalParameter called Record_Number that is the row in the table to automate. The row will be determined by the values provided in the AddEditLine, Search_Column and Search_Value columns in the Datasheet. The next step is an operation called SetOutputParameter_TKS that will take the LocalParameter Record_Number and convert it into an output parameter for the component so that it could be used to link another component to this one. Then the value in the row saved in the LocalParameter Record_Number and Batch column will be saved to the Batch_Out component parameter and also saved to the Batch_Out column of the Datasheet. Next the value in the Contact column of the Datasheet will be entered into the cell in the row saved in the LocalParameter Record_Number and Contact column.

ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
ALLOCATION_BATCHES	OutputToSheet_TKS	LocalParameter("Record_Number","Batch","Batch_Out")	Parameter("Batch_Out")
ALLOCATION_BATCHES	EnterField_TKS	LocalParameter("Record_Number"),"Contact",Parameter("Contact")	

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 Distribution_Set column of the Datasheet from the list of the Distribution Set OracleList and then verify that the value provided in the Unit_of_Measure column of the Datasheet matches the value in the Unit of Measure OracleTextField. Next, the value in the Total Units OracleTextField will be captured and saved to the Datasheet in the Total_Units_Out column.

Distribution Set	Select_TKS	Parameter("Distribution_Set")
Unit of Measure	Verify_TKS	Parameter("Unit_of_Measure")
Total Units	OutputToSheet_TKS	"Total_Units_Out"

Select_TKS

This keyword checks or unchecks a checkbox per the data sheet specifications (ON/OFF). If it is not being used for a checkbox, it will select the specified value from the list, radiogroup, or set of tabs. If no data value is specified, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 OracleCheckbox			
 OracleList			
 OracleListOfValues			
 OracleRadioGroup		Parameter ("checkboxstatus")	
 OracleTabbedRegion	Select_TKS	Parameter ("DataValue")	

Parameters

checkboxstatus

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.

DataValue

This is the item name to select in the list of values and is 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 enter the value in the Dates_in_Service_To column of the Datasheet into the Dates in Service To EditField. Then the Show Disabled Groups checkbox will be checked or unchecked based on the value in the Show_Disabled_Groups column of the Datasheet. Next the value in the Employee_Name column of the Datasheet will be entered into the Employee Name EditField.

 Dates in Service To	Enter_TKS	Parameter("Dates_in_Service_To")
 Show Disabled Groups	Select_TKS	Parameter("Show_Disabled_Groups")
 Employee Name	Enter_TKS	Parameter("Employee_Name")

Here is an example of a component that is using this keyword. The order of the steps are to verify the value in the Transfer Date field matches the value provided in the Transfer_Date parameter, and then enter the value in the Comments parameter into the Comments edit field. Then the value provided in the Distribution_Set column of the Datasheet will be selected from the Distribution Set OracleList.

 Transfer Date	Verify_TKS	Parameter("Transfer_Date")
 Comments	Enter_TKS	Parameter("Comments")
 Distribution Set	Select_TKS	Parameter("Distribution_Set")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Lifes OracleListOfValues field is open in the application and then select the value in the Lifes column of the Datasheet from the Lifes OracleListOfValues field. Then the value in the Line_Number column of the Datasheet will be entered into the Line Number EditField.

 Lifes	VerifyExists_TKS	
 Lifes	Select_TKS	Parameter("Lifes")
 Line Number	Enter_TKS	Parameter("Line_Number")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Schedule form is open within 90 seconds and select the radio button that is provided in the Run_the_Job column of the Datasheet from the Run the Job... RadioButtonGroup. Then the status provided in the Status column of the Datasheet will be verified in the OracleStatusLine object.

 Schedule	VerifyExists_TKS	
 Run the Job...	Select_TKS	Parameter("Run_the_Job")
 OracleStatusLine	Verify_TKS	Parameter("Status")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds. Then the More Tab will be selected. Next the AddEditLine step will determine the row in the PO_DISTRIBUTIONS OracleTable to work with based on the values provided in the AddEditLine, Search_Column, and Search_Value columns of the Datasheet. The row will be saved into the LocalParameter Record_Number.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PO_DISTRIBUTIONS	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")

SelectJavaListItem

This keyword finds and selects an item from a Java List by matching the input values provided.

Item	Operation	Input	Output
 Java List	SelectJavaListItem	Parameter("ColumnValue1"), Parameter("ColumnValue2")	

Parameters

ColumnValue1

First Value to be matched and selected in Java List item.

ColumnValue1

Second Value to be matched and selected in Java List item.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that application screen is opened through VerifyExists_TKS operation. Next step is to find and select the item in Java List by providing the values in 2 input parameters. A Single parameter in both arguments can be used as well as two different parameter values. In this example, single parameter Column_Value1 is used for both arguments of keyword. The List item with matching column values will be selected after the execution of this step.

 Quote, Customer Sear...	VerifyExists_TKS			Ver
 AccessibleTableGrid	SelectJavaListItem	Parameter("Column_Value1"),Parameter("Column_Value1")		Fin

SelectPath_TKS

This keyword will select a path in the navigator form.

Item	Operation	Input	Output
 OracleNavigator	SelectPath_TKS	Parameter ("NavPath")	

Parameters

NavPath

This is the path of the navigator selection.

Example

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and then navigate the path in the OracleNavigator that was provided by the user in the Path column of the Datasheet. When it has reached the final node of the path, it will select that item and activate it.

 Operation	LoadData	
 OracleNavigator	SelectPath_TKS	Parameter("Path")

Set_TKS

This keyword enters a specified data value into a JavaEdit box or will check or uncheck the JavaCheckBox. If the value is left blank, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 JavaEdit		Parameter ("DataValue")	
 JavaCheckBox	Set_TKS	Parameter ("checkboxstatus")	

Parameters

DataValue

This is the data value to enter into the field. It can be a constant value or a tag.

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.

checkboxstatus

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 verify the Oracle Application JavaWindow is open and then set the value of the Period JavaEdit to the value provided by the user in the Period column of the Datasheet.

 Oracle Applications	VerifyExists_TKS	
 Period	Set_TKS	Parameter("Period")

Verify_TKS

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

Item	Operation	Input	Output
 OracleCheckbox			
 OracleList			
 OracleRadioGroup			
 OracleStatusLine		Parameter ("DataValue")	
 OracleTextField	Verify_TKS	Parameter ("Status")	

Parameters

DataValue

This is the expected value. It should be set to "ON" or "OFF" depending on which status is to be verified.

Status

This is the status code(s) or phrase(s) expected to be in the status line.

Return Values

This keyword returns a value of True or False indicating whether or not verification was successful.

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value in the Dates_in_Service_To column of the Datasheet into the Dates in Service To EditField. Then the status of the Show Disabled Groups checkbox will be verified based on the value in the Show_Disabled_Groups column of the Datasheet. Next the value in the Employee_Name column of the Datasheet will be entered into the Employee Name EditField.

 Dates in Service To	Enter_TKS	Parameter("Dates_in_Service_To")
 Show Disabled Groups	Verify_TKS	Parameter("Show_Disabled_Groups")
 Employee Name	Enter_TKS	Parameter("Employee_Name")

Here is an example of a component that is using this keyword. The order of the steps are to Load the data from the Datasheet and verify that the Account Inquiry form is opened in the application. Next is to use the Verify_TKS keyword to verify the value in the Currency Type OracleList is equal to the value in the Datasheet in the Currency_Type column in the Datasheet.

 Operation	LoadData	
 Account Inquiry	VerifyExists_TKS	
 CurrencyType	Verify_TKS	Parameter("Currency_Type")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Schedule form is open within 90 seconds and then it will be verified that the radio button provided in the Run_the_Job column of the

Datasheet is selected from the Run the Job... RadioButtonGroup. Then the OK button will be clicked if it is found in the application.

 Schedule	VerifyExists_TKS	
 Run the Job...	Verify_TKS	Parameter("Run_the_Job")
 OK	ClickIfExist_TKS	

Here is an example of a component that is using this keyword. The order of the steps are to verify the Schedule form is open in the application and select the correct Radio Button based on the value provided by the user in the Run_the_Job column in the Datasheet. Then the value provided by the user in the Status column of the Datasheet will be used to verify the actual message that is in the OracleStatusLine.

 Schedule	VerifyExists_TKS	
 Run the Job...	Select_TKS	Parameter("Run_the_Job")
 OracleStatusLine	Verify_TKS	Parameter("Status")

Here is an example of a component that is using this keyword. The order of the steps are to verify the value in the Transfer Date field matches the value provided in the Transfer_Date column of the Datasheet and then enter the value in the Comments column of the Datasheet into the Comments OracleTextField. Next the value provided in the Distribution_Set column of the Datasheet will be selected from the list of the Distribution Set OracleList field.

 Transfer Date	Verify_TKS	Parameter("Transfer_Date")
 Comments	Enter_TKS	Parameter("Comments")
 Distribution Set	Select_TKS	Parameter("Distribution_Set")

VerifyExists_TKS

This keyword verifies that a specific Window opens within 90 seconds.

Item	Operation	Input	Output
 JavaWindow			
 OracleApplications			
 OracleFlexWindow			
 OracleFormWindow			
 OracleListOfValues			
 OracleNotification	VerifyExists_TKS		

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the Oracle Application JavaWindow is open and then set the value of the Period JavaEdit to the value provided by the user in the Period column of the Datasheet.

 Oracle Applications -	VerifyExists_TKS	
 Period	Set_TKS	Parameter("Period")

Here is an example of a component that is using this keyword. The order of the steps are to open the Category Flexfield Oracle FlexWindow from the Category field. Then a verification step will check to see if the Category Flexfield is open and enter the data that is in the Category_Major and Category_Minor into the respective fields if they are found in the application. Finally, the OK button on the FlexWindow will be clicked if it is found in the application.

 Category	OpenDialogIfNotOpen_TKS	"Category Flexfield"
 Category Flexfield	VerifyExists_TKS	
 Major Category	EnterIfExist_TKS	Parameter("Category_Major")
 Minor Category	EnterIfExist_TKS	Parameter("Category_Minor")
 OK	ClickIfExist_TKS	

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and verify that the Find Assets form is open within 90 seconds. Then the value in the Asset_Number column of the Datasheet will be entered into the Asset Number EditField.

 Operation	LoadData	
 Find Assets	VerifyExists_TKS	
 Asset Number	Enter_TKS	Parameter("Asset_Number")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Lifes OracleListOfValues field is open in the application and then selecting the value in the Lifes column of the Datasheet from the Lifes OracleListOfValues field. Then the value in the Line_Number column of the Datasheet will be entered into the Line Number EditField.

 Lifes	VerifyExists_TKS	
 Lifes	Select_TKS	Parameter("Lifes")
 Line Number	Enter_TKS	Parameter("Line_Number")

Here is an example of a component that is using this keyword. The order of the steps are to verify that an OracleNotification is open and then approve the number of notifications that is provided in the NumberOfWindows column of the Datasheet. The status that will be reported to the run results will be based on whether or not the notifications were successfully approved and the value provided in the Status column of the Datasheet.

 Generic Notification	VerifyExists_TKS	
 Generic Notification	MultipleApprove_TKS	Parameter("NumberOfWindows"),Parameter("Status")

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
 OracleTable	EnterField_TKS	LocalParameter ("RecordNumber"), "ColumnName", Parameter ("DataValue")	

Parameters

RecordNumber

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

ColumnName

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

DataValue

This is the data value to be verified.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the AutoAllocation Workbench form has opened in the Datasheet. The next step is to use the AddEditLineOperation_TKS. This will output a LocalParameter called Record_Number that is the row in the table to automate. The row will be determined by the values provided by the user in the Datasheet. The next step is an operation called SetOutputParameter_TKS that will take the LocalParameter Record_Number and convert it into an output parameter for the component so that it could be used to link another component to this one. Then the value in the cell determined by the row saved into the LocalParameter Record_Number and Step column will be compared to the value in the Step column of the Datasheet to verify that they are equal.

 AutoAllocation Workbench	VerifyExists_TKS		
 ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
 ALLOCATION_BATCHES	VerifyField_TKS	LocalParameter("Record_Number"),"Step",Parameter("Step")	

Wait_TKS

This keyword waits for certain number of seconds. If left blank, this step is skipped and execution will continue.

Item	Operation	Input	Output
 Operation	Wait_TKS	Parameter ("SecToWait")	

Parameters

SecToWait

This is the number of seconds to wait.

Example

Here is an example of a component that is using this keyword. The order of the steps are to click the OK button if it is found in the application and then wait for 2 seconds. Next the Location Flexfield will be opened from the Location EditField.

 OK	ClickIfExist_TKS		
 Operation	Wait_TKS	"2"	
 Location	OpenDialogIfNotOpen_TKS	"Location Flexfield"	

TKS Oracle Jnit Advanced Keywords

Modules:

 JavaEdit	Custom Functions for use with "JavaEdit" Test Objects.
 JavaWindow	Custom Functions for use with "JavaWindow" Test Objects.
 Operation	Custom Operations for use with Oracle.
 OracleCheckBox	Custom Functions for use with "OracleCheckBox" Test Objects.
 OracleFlexWindow	Custom Functions for use with "OracleFlexWindow" Test Objects.
 OracleFormWindow	Custom Functions for use with "OracleFormWindow" Test Objects.
 OracleList	Custom Functions for use with "OracleList" Test Objects.
 OracleListOfValues	Custom Functions for use with "OracleListOfValues" Test Objects.
 OracleNotification	Custom Functions for use with "OracleNotification" Test Objects.
 OracleRadioGroup	Custom Functions for use with "OracleRadioGroup" Test Objects.
 OracleStatusLine	Custom Functions for use with "OracleStatusLine" Test Objects.
 OracleTabbedRegion	Custom Functions for use with "OracleTabbedRegion" Test Objects.
 OracleTable	Custom Functions for use with "OracleTable" Test Objects.
 OracleTextField	Custom Functions for use with "OracleTextField" Test Objects.
 OracleTree	Custom Functions for use with "OracleTree" Test Objects.

Advanced Object Types

Modules:

 [JavaEdit](#)

Custom Functions for use with "JavaEdit" Test Objects.

 [JavaWindow](#)

Custom Functions for use with "JavaWindow" Test Objects.

 [Operation](#)

Custom Operations for use with Oracle.

 [OracleCheckBox](#)

Custom Functions for use with "OracleCheckBox" Test Objects.

 [OracleFlexWindow](#)

Custom Functions for use with "OracleFlexWindow" Test Objects.

 [OracleFormWindow](#)

Custom Functions for use with "OracleFormWindow" Test Objects.

 [OracleList](#)

Custom Functions for use with "OracleList" Test Objects.

 [OracleListOfValues](#)

Custom Functions for use with "OracleListOfValues" Test Objects.

 [OracleNotification](#)

Custom Functions for use with "OracleNotification" Test Objects.

 [OracleRadioGroup](#)

Custom Functions for use with "OracleRadioGroup" Test Objects.

 [OracleStatusLine](#)

Custom Functions for use with "OracleStatusLine" Test Objects.

 [OracleTabbedRegion](#)

Custom Functions for use with "OracleTabbedRegion" Test Objects.

 [OracleTable](#)

Custom Functions for use with "OracleTable" Test Objects.

 [OracleTextField](#)

Custom Functions for use with "OracleTextField" Test Objects.

 [OracleTree](#)

Custom Functions for use with "OracleTree" Test Objects.

JavaEdit

Custom Functions for use with "JavaEdit" Test Objects.

Methods:

Name	Description
 OpenTableDialogIfNotOpen_TKS	This keyword opens a dialog window for a Java cell if the dialog is not already open.

JavaWindow

Custom Functions for use with "JavaWindow" Test Objects.

Methods:

Name	Description
 WaitForWindow_TKS	This keyword verifies that a specified Oracle window or OracleFlexWindow opens within a specified time.

OracleTable

Custom Functions for use with "OracleTable" Test Objects.

Methods:

Name	Description
 ClickButton	This keyword clicks a button based on the input arguments provided in the Datasheet (the parent window title, the button label and the tab title).
 ClickTab	This keyword clicks a tab based on the parent window title and the tab label, as specified in a data sheet. A Fail status is reported to Test Results if the tab is not found.
 CompareLocalParameter	This keyword compares two values saved in LocalParameters. The result is then logged in the Test Results.
 CompareValues	This keyword compares two values using an operator to determine if one is greater than the other or if they are equal.
 Concatenate	This keyword concatenates two strings together.
 CreateUniqueIDLength_TKS	This keyword generates a Canadian Social Insurance Number (S.I.N.) based on the luhn algorithm.
 EnterTextByIndex_TKS	This keyword enters text into a field based on the form where the field is located and the index of the field.
 ExitComponentIf_TKS	This keyword compares two values using an operator to determine if one is greater than the other or if they are equal. If the result is True, the component will be exited.
 ExitTestIterationIfFalse_TKS	This keyword exits the current test iteration and closes all Oracle Forms when a specified value is set to false. This is useful for when a checkpoint fails the test, and test should be exited.
 FindLastCheckNum	This keyword calculates the last check number based on the first check number and the number of payments made. The calculation used is $\text{firstdocumentnum} + (\text{overallpymtcnt} - 1)$.
 GetAttachment	This keyword retrieves an attachment from the current test case and saves it to a specified path.
 GetAttachmentFromTest	This keyword retrieves an attachment from any specified test case and saves it to a specified path.
 GetAttachmentFromTestObject	This keyword retrieves an attachment from a test object and saves it to a specified path.
 GetBPTRunName	This keyword retrieves the HP Quality Center BPT RunName from the GeneralInfo.ini file. This only works for a BPT test during run time. One component must be run in the test case prior to this function working. The GeneralInfo file is automatically created at the end of the first component during a test run.
 GetBPTTestName	This keyword retrieves the current HP Quality Center BPT TestName from the GeneralInfo.ini file. This ONLY works for a BPT test during Runtime. One component must be run in the test case prior to this function working. The GeneralInfo file is automatically created at the end of the first component during a test run.
 SaveAttachment	This keyword saves an attachment to the current NON-BPT Test Case.
 SaveAttachmentToBPTTestRun	This keyword saves an attachment to an HP Quality Center BPT Test Run. This only works for a BPT test during runtime.

 [SaveAttachmentToTest](#)

This keyword saves an attachment to the specified test.

 [SaveAttachmentToTestObj](#)

This keyword saves a file to a test object in HP Quality Center.

 [SelectItemOutputTableValue_TKS](#)

This keyword selects a treepath in a cell of a table, then saves the corresponding value in the Datasheet.

 [SetInputParameter_TKS](#)

This keyword sets data to a specified input parameter of the component.

 [SetOutputParameter_TKS](#)

This keyword passes data to the output parameter of the component.

 [SetStringIf](#)

This keyword compares two values using an operator to determine if one is greater than the other or if they are equal. A specified string will be returned depending on the outcome of the comparison.

 [TriageReport](#)

This keyword is used to report a step during execution and the details about it in ALM test results.

OracleCheckBox

Custom Functions for use with "OracleCheckBox" Test Objects.

Methods:

Name	Description
 SetFocus_TKS	This keyword optionally sets the focus to the specified object.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.
 VerifyDefaultSelect_TKS	This keyword sets a specific checkbox to on or off based on a value in the Datasheet. If the checkbox is to be enabled, the function first checks to see if that is the checkbox default setting. If the value is left blank, this step will be skipped and execution will continue.

OracleFlexWindow

Custom Functions for use with "OracleFlexWindow" Test Objects.

Methods:

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

OracleFormWindow

Custom Functions for use with "OracleFormWindow" Test Objects.

Methods:

Name	Description
 CloseWindowIfExists_TKS	This keyword closes a window if it exists.
 GetROTitlePropertyByIndex_TKS	This keyword will get the title RO Property from the Oracle Form Window with the specified index.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.
 WaitForWindow_TKS	This keyword verifies that a specified Oracle window or OracleFlexWindow opens within a specified time.

OracleList

Custom Functions for use with "OracleList" Test Objects.

Methods:

Name	Description
 SetFocus_TKS	This keyword optionally sets the focus to the specified object.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.

OracleListOfValues

Custom Functions for use with "OracleListOfValues" Test Objects.

Methods:

Name	Description
 FindSelectIfExist_TKS	This keyword finds and selects a specific item in a list of values. If the expected value is blank, this step will be skipped and execution will continue.
 SelectIfExist_TKS	This keyword selects a specified item in a list of values only if the specified list exists. If no data value is specified, this step is skipped and execution will continue.

OracleNotification

Custom Functions for use with "OracleNotification" Test Objects.

Methods:

Name	Description
 Approve_TKS	This keyword optionally approves an Oracle notification window, if it exists, by selecting the OK or Yes button. A screenshot of the window and its text will be captured and saved to the Test Results. If the window does not exist, execution continues as intended.
 ApproveWithTimeout_TKS	This keyword optionally approves an Oracle notification window by clicking on an "OK" or "Yes" button, if the window appears within the specified timeout.
 MultipleApproveCancel_TKS	This keyword optionally approves or cancels a specific number of instances of an Oracle notification window with specific text, if it is present. If it is not present, this step will be skipped and execution will continue.
 OutputRequestID_TKS	This keyword saves the Request ID, Journal number or the first number found in the notification message to the Output column of the test data sheet.
 WaitForWindow_TKS	This keyword verifies that a specified Oracle window or OracleFlexWindow opens within a specified time.

OracleRadioGroup

Custom Functions for use with "OracleRadioGroup" Test Objects.

Methods:

Name	Description
 SetFocus_TKS	This keyword optionally sets the focus to the specified object.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.

OracleStatusLine

Custom Functions for use with "OracleStatusLine" Test Objects.

Methods:

Name	Description
 OutputStatusLineID_TKS	This keyword will capture an ID from the OracleStatusLine.
 SendStatusToTestResults_TKS	This keyword will send the status line text to Test Results. The step name in the report is "OracleStatusLine".

OracleTabbedRegion

Custom Functions for use with "OracleTabbedRegion" Test Objects.

Methods:

Name	Description
 SetTabLabel_TKS	This keyword finds the number of records(rows) in an Oracle table and returns the value.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.

OracleTable

Custom Functions for use with "OracleTable" Test Objects.

Methods:

Name	Description
 CheckAllCheckbox_TKS	This keyword checks or unchecks all checkboxes in a column and optionally approve any notification windows that may appear.
 CheckBoxIfValueExists_TKS	This keyword sets the checkbox in a specified column to ON for all records in a specified table. It will also clear notification "Note" windows automatically.
 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.
 EnterFieldFromLOV_TKS	This keyword will open an LOV window for the current object and then select the specified value in that LOV window.
 GetColumnNameBySubstring_TKS	This keyword gets a Column Name by the first match of a SubString(partial value) name.
 GetFieldValue_TKS	This keyword goes to the cell in the table designated by the Record Number(Row) and ColumnName and retrieves the value.
 GetRecordByGreatestValue_TKS	This keyword will return the record number(row) of the record containing the greatest value in the specified column. After execution of this keyword is complete, the record will be selected.
 GetRecordBySubstringValue_TKS	This keyword will return an Oracle 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. The VerifyMaxRows flag will go to the last row via the menu to get the number of rows in the table
 GetRecordByTwoVal_TKS	This keyword will return the record number(row) of the first record that matches two specified values. There will be two columns searched for two separate values. There is no limit on the number of records searched.
 GetRecordByValue_TKS	This keyword will return an Oracle 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.
 GetRecordByValueList_TKS	This keyword will return an Oracle table record number(row) based on a search value in a specified column. After execution of this keyword is complete, the record will be selected. This is limited to a table with 100 records.
 Home_TKS	This keyword will scroll to the tables first record(row) and then sets focus to a specified column. The keyword is limited to a table with 500 records.
 InvokeSoftkey_TKS	This keyword invokes the specified Oracle softkey.
 NewRecord_TKS	This keyword creates a new record in an Oracle table.
 SelectOption_TKS	This keyword selects and opens an item in a tree-structured table.
 SetFocusToVisibleJavaObj_TKS	This keyword sets the focus to an Oracle tables underlying Java object.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.

 [ShowOptions_TKS](#)

This keyword searches a tree-structured table.

 [TabToDialogIfNotOpen_TKS](#)

This keyword opens a dialog window for a cell in a table if the dialog is not already open by tabbing from an adjacent column. This is most commonly used to open Oracle Flex Fields from a table.

 [TotalColumnSum_TKS](#)

This keyword calculates the sum of all the values in a specified column.

 [VerifyTableDefault_TKS](#)

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

OracleTextField

Custom Functions for use with "OracleTextField" Test Objects.

Methods:

Name	Description
 ClickButtonTillValEquals_TKS	This keyword clicks a button object until the value in the text object equals a specific expected value. This is valuable when scroll or wheel buttons are used to change a record or value in a text box.
 EnterFromLOV_TKS	This keyword will open an LOV window for the current object and then select the specified value in that LOV window.
 EnterIfExist_TKS	This keyword allows a specified value to be entered into a text field only if it exists. If it does not exist, execution will continue.
 EnterKeyStroke_TKS	This keyword uses the Windows Scripting Host to type into an object. It replicates the keystrokes from the keyboard, as opposed to accessing the object, as is traditionally done. This keyword is only used to troubleshoot and solve issues.
 EnterNoValidation_TKS	This keyword will enter a value into a field after looking for tags without tabbing out of the field to validate the value.
 RightClickSelect_TKS	This keyword will Work with the last form that was opened and will select a menu option via a right-click.
 SetFocus_TKS	This keyword optionally sets the focus to the specified object.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted components, use the Set vbs command.
 VerifyDate_TKS	This keyword verifies whether or not the date in a text field is the same day as the specified expected results.
 VerifyDefault_TKS	This keyword checks to see if a text field has a default value. It is used with generic test objects to change their identifying properties at runtime.
 VerifyGreaterOrLess_TKS	This keyword verifies if a text field is greater or less than a specified numeric value.

OracleTree

Custom Functions for use with "OracleTree" Test Objects.

Methods:

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

Advanced Keywords

Keywords:

 Approve_TKS	This keyword optionally approves an Oracle notification window, if it exists, by
 ApproveWithTimeout_TKS	This keyword optionally approves an Oracle notification window by clicking on the button that appears within the specified timeout.
 CheckAllCheckbox_TKS	This keyword checks or unchecks all checkboxes in a column and optionally approves the window that appears.
 CheckBoxIfValueExists_TKS	This keyword sets the checkbox in a specified column to ON for the first record in the table.
 ClickButton	This keyword clicks a button based on the input arguments provided in the Data Table (the column label and the tab title).
 ClickButtonTillCellEquals_TKS	This keyword clicks a button object until the table cells actual value matches the value in the text object.
 ClickButtonTillValEquals_TKS	This keyword clicks a button object until the value in the text object equals a value in the table cell.
 ClickTab	This keyword clicks a tab based on the parent window title and the tab label, and then selects the first record in the table.
 CloseWindowIfExists_TKS	This keyword closes a window if it exists.
 CompareLocalParameter	This keyword compares two values saved in LocalParameters.
 CompareValues	This keyword compares two values using an operator to determine if one is greater than, less than, or equal to the other.
 Concatenate	This keyword concatenates two strings together.
 CreateUniqueIDLength_TKS	This keyword generates a Canadian Social Insurance Number (S.I.N.) based on the length of the string.
 EnterFieldFromLOV_TKS	This keyword will open an LOV window for the current object and then select the first record in the table.
 EnterFromLOV_TKS	This keyword will open an LOV window for the current object and then select the first record in the table.
 EnterIfExist_TKS	This keyword allows a specified value to be entered into a text field only if it exists.
 EnterKeyStroke_TKS	This keyword uses the Windows Scripting Host to type into an object.
 EnterNoValidation_TKS	This keyword will enter a value into a field after looking for tags without tabbing.
 EnterTextByIndex_TKS	This keyword enters text into a field based on the form where the field is located.
 ExitComponentIf_TKS	This keyword compares two values using an operator to determine if one is greater than, less than, or equal to the other.
 ExitTestIterationIfFalse_TKS	This keyword exits the current test iteration and closes all Oracle Forms when the test fails.

 FindLastCheckNum	This keyword calculates the last check number based on the first check number.
 FindSelectIfExist_TKS	This keyword finds and selects a specific item in a list of values.
 GetAttachment	This keyword retrieves an attachment from the current test case and saves it to a specified location.
 GetAttachmentFromTest	This keyword retrieves an attachment from any specified test case and saves it to a specified location.
 GetAttachmentFromTestObject	This keyword retrieves an attachment from a test object and saves it to a specified location.
 GetBPTRunName	This keyword retrieves the HP Quality Center BPT RunName from the General tab of the BPT Run.
 GetBPTTestName	This keyword retrieves the current HP Quality Center BPT TestName from the General tab of the BPT Run.
 GetColumnNameBySubstring_TKS	This keyword gets a Column Name by the first match of a SubString(partial value) in the table.
 GetFieldValue_TKS	This keyword goes to the cell in the table designated by the Record Number(Record Number) and returns the value of the cell.
 GetRecordByGreatestValue_TKS	This keyword will return the record number(row) of the record containing the greatest value in the specified column.
 GetRecordBySubstringValue_TKS	This keyword will return an Oracle table record number (row) based on a search for a substring in the specified column.
 GetRecordByTwoVal_TKS	This keyword will return the record number (row) of the first record that matches the two specified values in the specified columns.
 GetRecordByValue_TKS	This keyword will return an Oracle table record number (row) based on a search for a specific value in the specified column.
 GetRecordByValueList_TKS	This keyword will return an Oracle table record number (row) based on a search for a list of values in the specified column.
 GetRecordNumber	This keyword will return an Oracle table record number (row) of an item currently selected in the table.
 GetROTitlePropertyByIndex_TKS	This keyword will get the title RO Property from the Oracle Form Window with the specified index.
 Home_TKS	This keyword will scroll to the table's first record (row) and then sets focus to the first cell of that record.
 InvokeSoftkey_TKS	This keyword invokes the specified Oracle softkey.
 MultipleApproveCancel_TKS	This keyword optionally approves or cancels a specific number of instances of a text field, if it is present.
 NewRecord_TKS	This keyword creates a new record in an Oracle table.
 OpenTableDialogIfNotOpen_TKS	This keyword opens a dialog window for a Java cell if the dialog is not already open.
 OracleFormWindowsCount	This keyword opens a dialog window for a Java cell if the dialog is not already open.
 OutputRequestID_TKS	This keyword saves the Request ID, Journal number or the first number found in the specified column of the test data sheet.
 OutputStatusLineID_TKS	This keyword will capture an ID from the OracleStatusLine and save it in the specified column of the test data sheet.

 RightClickSelect_TKS	This keyword will Work with the last form that was opened and will select a m
 SaveAttachment	This keyword saves an attachment to the current NON-BPT Test Case.
 SaveAttachmentToBPTTestRun	This keyword saves an attachment to an HP Quality Center BPT Test Run.
 SaveAttachmentToTest	This keyword saves an attachment to the specified test.
 SaveAttachmentToTestObj	This keyword saves a file to a test object in HP Quality Center.
 SelectIfExist_TKS	This keyword selects a specified item in a list of values only if the specified lis
 SelectItemOutputTableValue_TKS	This keyword selects a treepath in a cell of a table, then saves the correspond
 SelectOption_TKS	This keyword selects and opens an item in a tree-structured table.
 SendStatusToTestResults_TKS	This keyword will send the status line text to Test Results. The step name in t
 SetFocus_TKS	This keyword optionally sets the focus to the specified object.
 SetFocusToVisibleJavaObj_TKS	This keyword sets the focus to an Oracle tables underlying Java object.
 SetInputParameter_TKS	This keyword sets data to a specified input parameter of the component.
 SetOutputParameter_TKS	This keyword passes data to the output parameter of the component.
 SetStringIf	This keyword compares two values using an operator to determine if one is gr
 SetTabLabel_TKS	This keyword sets the label of a tab to the specified value.
 SetToParameter_TKS	This keyword sets a test object to a Local Parameter. If working with Scripted
 ShowOptions_TKS	This keyword searches a tree-structured table.
 TabToDialogIfNotOpen_TKS	This keyword opens a dialog window for a cell in a table if the dialog is not alr column.
 TotalColumnSum_TKS	This keyword calculates the sum of all the values in a specified column.
 TriageReport	This keyword is used to report a step during execution and the details about i
 VerifyDate_TKS	This keyword verifies whether or not the date in a text field is the same day a
 VerifyDefault_TKS	This keyword checks to see if a text field has a default value. It is used with g properties at runtime.
 VerifyDefaultSelect_TKS	This keyword sets a specific checkbox to on or off per the data sheet specifica
 VerifyGreaterOrLess_TKS	This keyword verifies if a text field is greater or less than a specified numeric

 [VerifyTableDefault_TKS](#)

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

 [WaitForWindow_TKS](#)

This keyword verifies that a specified Oracle window or OracleFlexWindow open.

Approve_TKS

This keyword optionally approves an Oracle notification window, if it exists, by selecting the OK or Yes button. A screenshot of the window and its text will be captured and saved to the Test Results. If the window does not exist, execution continues as intended.

Item	Operation	Input	Output
 OracleNotification	Approve_TKS	Parameter("eventStatus")	

Parameters

eventStatus

This is set to micFail/micPass/micWarning/micDone - The status will be logged to Test Results when the Notification window is approved.

Example

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and wait for a notification form to open within the number of seconds provided in the Wait_Time column of the Datasheet. Next the notification will be approved and the status reported to the test results based on the value provided in the Status column of the Datasheet.

 Operation	LoadData	
 Generic Notification	WaitForWindow_TKS	Parameter("Wait_Time")
 Generic Notification	Approve_TKS	Parameter("Status")

ApproveWithTimeout_TKS

This keyword optionally approves an Oracle notification window by clicking on an "OK" or "Yes" button, if the window appears within the specified timeout.

Item	Operation	Input	Output
 OracleNotification	ApproveWithTimeout_TKS	Parameter("Timeout"), Parameter("EventStatus")	

Parameters

Timeout

This is the amount of time in seconds that the automation will wait for the window to open. If the window does not open within this time, this step will be skipped and execution will continue.

EventStatus

This is the status to report to Test Results when the notification window is approved, or does not appear. Values - micFail/micPass/micWarning/micGeneral

Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the ID in the notification form and save it in the output parameter Request_ID_Out and also saving it in the Request_ID_Out column in the Datasheet. Then the notification will be approved within the time in seconds provided in the Wait_Time column of the Datasheet and the status reported to the test results based on the value provided in the Status column of the Datasheet.

 Generic Notification	OutputRequestID_TKS	"Request_ID_Out"	Parameter("Request_ID_Out")
 Generic Notification	ApproveWithTimeout_TKS	Parameter("Wait_Time"),Parameter("Status")	

CheckAllCheckbox_TKS

This keyword checks or unchecks all checkboxes in a column and optionally approve any notification windows that may appear.

Item	Operation	Input	Output
 OracleTable	CheckAllCheckbox_TKS	"ColumnName", Parameter("Datavalue"), "AcknowledgeNote"	

Parameters

ColumnName

This is the column that contains the checkboxes to change. This is typically a constant value.

DataValue

This is the value to which to change the checkbox to. Setting the value to "True" or "<ON>" will check the checkboxes. Setting the value to "False" or "<OFF>" will uncheck the checkboxes.

AcknowledgeNote

This value will determine whether or not to approve notification windows that appear. Setting the value to "True" or "<ON>" will approve the notification window. Setting the value to "False" or "<OFF>" will not approve the notification window. This can either be set as a constant value or a component parameter where the value is set in the data sheet.

Example

Here is an example of a component that is using this keyword. The order of the steps are loading the data from the data sheet, verifying the correct form is open, selecting the correct tab in the form, using the AddEditLineOperation_TKS keyword to select the correct row in the table, saving that row number to an output parameter. The next step is using the CheckAllCheckbox_TKS keyword to set the value of all the checkboxes in the column with name "Enable" to the status provided from the data sheet and to approve any Notifications that may pop-up.

Item	Operation	Value	Output	Documentation
Operation	LoadData			Loads input parameters from the test data
Journals	VerifyExists_TKS			Verify the "Journals" form window is open
Lines	Select_TKS			Select "Lines" tabbed region if exists and
LINES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")	Perform operation (the value of the 'AddE
Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")	Passes data to a component output paran
LINES	CheckAllCheckbox_TKS	"Enable",Parameter("Checkbox_Status"),"<ON>"		Sets all checkboxes of "LINES" table in "
LINES	EnterField_TKS	LocalParameter("Record_Number"),"Account",Parameter("Account")		Enter (the value of the 'Account' compon

CheckBoxIfValueExists_TKS

This keyword sets the checkbox in a specified column to ON for the first record with a value in the specified table column. It will also clear notification "Note" windows automatically.

Item	Operation	Input	Output
 OracleTable	CheckBoxIfValueExists_TKS	"DataColumnName", "ColumnName"	

Parameters

DataColumnName

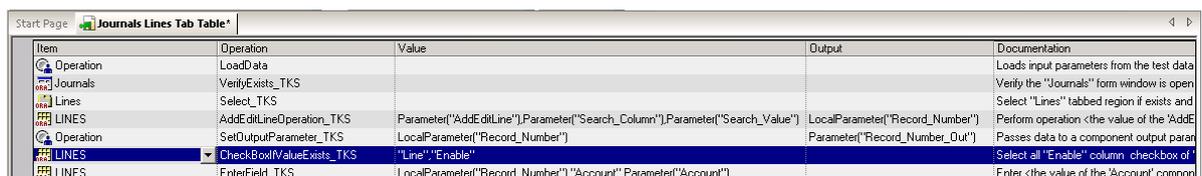
This is the column to check for a value in. This is typically a constant value.

CheckboxColumnName

This is the column name that contains the checkboxes. This is typically a constant value.

Example

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the data sheet, verify the Journals form is open within 90 seconds. Then select the Lines tab in the form and use the AddEditLineOperation_TKS keyword to select the correct row in the table based on the values provided in the AddEditLine, Search_Column, and Search_Vale columns in the Datasheet. Next is to save that row number to an output parameter. The next step is to use the CheckBoxIfValueExists_TKS keyword to capture the value that is in the cell for the row found using the AddEditLine_TKS and the column with name Line. Then enter the value in the Account column of the Datasheet into the row saved in the Record_Number and the Account column of the LINES table.



Item	Operation	Value	Output	Documentation
Operation	LoadData			Loads input parameters from the test data
Journals	VerifyExists_TKS			Verify the "Journals" form window is open
Lines	Select_TKS			Select "Lines" tabbed region if exists and
LINES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")	Perform operation (the value of the 'AddE
Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")	Passes data to a component output paran
LINES	CheckBoxIfValueExists_TKS	"Line"."Enable"		Select all "Enable" column checkbox of
LINES	EnterField_TKS	LocalParameter("Record_Number"),"Account",Parameter("Account")		Enter (the value of the 'Account' compon

ClickButton

This keyword clicks a button based on the input arguments provided in the Datasheet (the parent window title, the button label and the tab title).

Item	Operation	Input	Output
 Operation	ClickButton	Parameter("formTitle"), Parameter("buttonLabel"), Parameter("tabRegionLabel"), Parameter("formTimeOut")	

Parameters

formTitle

This is the title on the Oracle form where the button is located.

buttonLabel

This is the text on the button to be clicked.

tabRegionLabel

This is the title of the tab where the button is located.

formTimeOut

This is the number of seconds to wait for the Oracle form before reporting an error.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds. Then the button provided in the Button_Label column of the datasheet that is on the tab provided in the Tab_Region column of the Datasheet which is on the form provided in the Form_Title column of the Datasheet will be clicked within the number of seconds provided in the Timeout column of the Datasheet. Next the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList.

 Account Inquiry	VerifyExists_TKS	
 Operation	ClickButton	Parameter("Form_Title"),Parameter("Button_Label"),Parameter("Tab_Region"),Parameter("Timeout")
 Currency Type	Select_TKS	Parameter("Currency_Type")

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
 OracleTable	ClickButtonTillCellEquals_TKS	LocalParameter("RecordNumber"), "ColumnName", "objButton", Parameter("DataValue"), Parameter("MaxSeconds")	

Parameters

RecordNumber

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

ColumnName

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

objButton

This is the button object to be clicked.

DataValue

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

MaxSeconds

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

Example

Here is an example of a component that is using this keyword. The order of the steps are to click the Next button until the value in the cell that is in the row saved in Record_Number and the column Num is equal to the value in the Num column of the Datasheet. It will wait for the values to be equal for 30 seconds before failing this step. Next the values in the Requesting_Org and Requisition_Number columns of the Datasheet will be entered into the cells that are in the row saved in Record_Number and the Requesting Org and Requisition: Number columns of the PO_DISTRIBUTIONS table.

 PO_DISTRIBUTIONS	ClickButtonTillCellEquals_TKS	LocalParameter("Record_Number"),"Num","Next",Parameter("Num"),"30"
 PO_DISTRIBUTIONS	EnterField_TKS	LocalParameter("Record_Number"),"Requesting Org",Parameter("Requesting_Org")
 PO_DISTRIBUTIONS	EnterField_TKS	LocalParameter("Record_Number"),"Requisition : Number",Parameter("Requisition_Number")

ClickButtonTillValEquals_TKS

This keyword clicks a button object until the value in the text object equals a specific expected value. This is valuable when scroll or wheel buttons are used to change a record or value in a text box.

Item	Operation	Input	Output
 OracleTextfield	ClickButtonTillValEquals_TKS	Parameter("objButton"), Parameter("DataValue"), Parameter("MaxSeconds")	

Parameters

objButton

This is the button object to be clicked.

DataValue

This is the expected value in the textbox at which the clicking of 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 enter the value in the Manufacturer column of the Datasheet into the Manufacturer EditField. Next the button that is provided in the Button_Label column of the Datasheet will be clicked until the value in the Model EditField is equal to the value provided in the Model column of the Datasheet. This will be done until the values are equal or until 30 seconds have passed. If the values do not become equal in 30 seconds, this step will fail. Next the value in the Warranty_Number column of the Datasheet will be entered into the Warranty_Number EditField.

 Manufacturer	Enter_TKS	Parameter("Manufacturer")
 Model	ClickButtonTillValEquals_TKS	Parameter("Button_Label"),Parameter("Model"),"30"
 Warranty Number	Enter_TKS	Parameter("Warranty_Number")

ClickTab

This keyword clicks a tab based on the parent window title and the tab label, as specified in a data sheet. A Fail status is reported to Test Results if the tab is not found.

Item	Operation	Input	Output
 Operation	ClickTab	Parameter("FormTitle"), Parameter("TabLabel")	

Parameters

FormTitle

This is the title of the parent window with the specific tab to be clicked.

TabLabel

This is the label of the specific tab to be clicked.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds. Then the tab provided in the Tab_Label column of the datahsheet which is on the form provided in the Form_Title column of the Datasheet will be clicked. Next the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList.

 Account Inquiry	VerifyExists_TKS	
 Operation	ClickTab	Parameter("Form_Title"),Parameter("Tab_Label")
 Currency Type	Select_TKS	Parameter("Currency_Type")

CloseWindowIfExists_TKS

This keyword closes a window if it exists.

Item	Operation	Input	Output
 OracleFormWindow	CloseWindowIfExists_TKS	Parameter("FormTimeOut")	

Parameters

FormTimeOut

This is the number of seconds to wait for the form before reporting an error.

Example

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the Amortize Adjustment and New Category and Description checkbox based on the values provided in the Amortize_Adjustment and New_Category_and_Description columns of the Datasheet. Then the Add to Asset form will be closed if it is found to be open.

 Amortize Adjustment	Select_TKS	Parameter("Amortize_Adjustment")
 New Category and Description	Select_TKS	Parameter("New_Category_and_Description")
 Add to Asset	CloseWindowIfExists_TKS	

CompareLocalParameter

This keyword compares two values saved in LocalParameters. The result is then logged in the Test Results.

Item	Operation	Input	Output
 Operation	CompareLocalParameter	LocalParameter("FirstValue"), LocalParameter("SecondValue")	

Parameters

FirstValue

This is the first value to compare to second value.

SecondValue

This is the second value to compare to first value.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Select Invoices form is open within 90 seconds. Then the value in the Payment Amount EditField will be compared to the value in the Payment_Amount column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oPayment_Amount. Next the value in the Total EditField will be compared to the value in the Total column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oTotal. Next the two LocalParameters will be compared to the verify that the Payment Amount is equal to the Total.

 Select Invoices	VerifyExists_TKS		
 Payment Amount	Verify_TKS	Parameter("Payment_Amount")	LocalParameter("oPayment_Amount")
 Total	Verify_TKS	Parameter("Total")	LocalParameter("oTotal")
 Operation	CompareLocalParameter	LocalParameter("oPayment_Amount"),LocalParameter("oTotal")	

CompareValues

This keyword compares two values using an operator to determine if one is greater than the other or if they are equal.

Item	Operation	Input	Output
 Operation	CompareValues	Parameter("StepName"), Parameter("firstValue"), Parameter("operator"), Parameter("secondValue")	

Parameters

StepName

This is a short description of the values being compared.

firstValue

This is the first value to compare.

operator

This is the comparison operator: "<" Less Than, ">" Greater Than, "<=" Less Than Or Equal To, ">=" Greater Than Or Equal To, "=" Equal To, "<>" Not Equal To

secondValue

This is the second value being compared.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Select Invoices form is open within 90 seconds. Then the value in the Payment Amount EditField will be compared to the value in the Payment_Amount column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oPayment_Amount. Next the value in the Total EditField will be compared to the value in the Total column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oTotal. Next the two LocalParameters will be compared based on the value provided in the Operator column of the Datasheet. The Test Results step for this comparison will have the name provided in the StepName column of the Datasheet.

 Select Invoices	VerifyExists_TKS		
 Payment Amount	Verify_TKS	Parameter("Payment_Amount")	LocalParameter("oPayment_Amount")
 Total	Verify_TKS	Parameter("Total")	LocalParameter("oTotal")
 Operation	CompareValues	Parameter("StepName"),LocalParameter("oPayment_Amount"),Parameter("Operator"),LocalParameter("oTotal")	

Concatenate

This keyword concatenates two strings together.

Item	Operation	Input	Output
 Operation	Concatenate	Parameter("String1"), Parameter("String2")	LocalParameter("Concatenation")

Parameters

String1

This is the string to start with.

String2

This is the string to append to String1.

Return Values

The two strings concatenated together.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and then the two values provided in the String1 and String2 columns of the Datasheet will be concatenated. The result of the Concatenation will be saved into the LocalParameter Concatenation for later use in the component. Next the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList.

 Account Inquiry	VerifyExists_TKS		
 Operation	Concatenate	Parameter("String1").Parameter("String2")	LocalParameter("Concatenation")
 Currency Type	Select_TKS	Parameter("Currency_Type")	

CreateUniqueIDLength_TKS

This keyword generates a Canadian Social Insurance Number (S.I.N.) based on the luhn algorithm.

Item	Operation	Input	Output
 Operation	CreateUniqueIDLength_TKS	Parameter("DataValue"), Parameter("DataLength")	

Parameters

DataValue

This is the value in which <UniqueID> is to be found and replaced with the generated ID.

DataLength

This is the length in characters of the UniqueID.

Return Values

A unique ID with a specific length, generated in the form of a Canadian Social Insurance Number.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds. Next a unique value with a length provided in the Length column of the Datasheet will be generated. Then the value provided in the UniqueID column of the Datasheet will be searched for in the form and be replaced by the generated value. The generated value will also be saved in the LocalParameter oUniqueID. Next the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList.

 Account Inquiry	VerifyExists_TKS		
 Operation	CreateUniqueIDLength_TKS	Parameter("UniqueID"),Parameter("Length")	LocalParameter("oUniqueID")
 Currency Type	Select_TKS	Parameter("Currency_Type")	

EnterFieldFromLOV_TKS

This keyword will open an LOV window for the current object and then select the specified value in that LOV window.

Item	Operation	Input	Output
 OracleTable	EnterFieldFromLOV_TKS	LocalParameter("RecordNumber"), "ColumnName", Parameter("DataValue")	

Parameters

RecordNumber

This is the record number (row) of the cell that is to be edited.

ColumnName

This is the name of the column of the cell that is to be edited.

DataValue

This is the data value to enter into the cell. If the value is set to <FIRST>, the first value in the LOV window will be selected. If the value is set to <LAST>, the last value in the LOV window will be selected

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value from the Rate_Date column of the Datasheet into the cell in the row saved in Record_Number and Rate Date column. Then the value in the Displayed_Rate column of the Datasheet will be selected from the LOV corresponding to the cell in the row saved in Record_Number and the Displayed Rate column. Next is to enter the value from the PO_Accrual_Account column of the Datasheet into the cell in the row saved in Record_Number and PO Accrual Account column.

 PD_DISTRIBUTIONS	EnterField_TKS	LocalParameter("Record_Number"), "Rate Date", Parameter("Rate_Date")
 PD_DISTRIBUTIONS	EnterFieldFromLOV_TKS	LocalParameter("Record_Number"), "Displayed Rate", Parameter("Displayed_Rate")
 PD_DISTRIBUTIONS	EnterField_TKS	LocalParameter("Record_Number"), "PO Accrual Account", Parameter("PO_Accrual_Account")

EnterFromLOV_TKS

This keyword will open an LOV window for the current object and then select the specified value in that LOV window.

Item	Operation	Input	Output
 OracleTextField	EnterFromLOV_TKS	Parameter("DataValue")	

Parameters

DataValue

This is the value to enter into the specified text field if it exists. If the value is set to <FIRST>, the first value in the LOV window will be selected. If the value is set to <LAST>, the last value in the LOV window will 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 Asset Key Flexfield is open within 90 seconds. Then the value in the Asset_Key_Project_Number column of the Datasheet will be selected from the ListOfValues that is associated with the Project Number EditField. Then the value in the Asset_Key_Project_Task column of the Datasheet will be entered into the Project Task EditField with no verification. Next the OK button will be clicked if it is found in the application.

 Asset Key Flexfield	VerifyExists_TKS	
 Project Number	EnterFromLOV_TKS	Parameter("Asset_Key_Project_Number")
 Project Task	EnterNoValidation_TKS	Parameter("Asset_Key_Project_Task")
 OK	ClickIfExist_TKS	

EnterIfExist_TKS

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

Item	Operation	Input	Output
 OracleTextField	EnterIfExist_TKS	Parameter("DataValue")	

Parameters

DataValue

This is the value to enter into the specified text field if it exists.

Example

Here is an example of a component that is using this keyword. The order of the steps are to open the Category Flexfield Oracle FlexWindow from the Category EditField and verify that the Category Flexfield is open. Then it will enter the data that is in the Category_Major and Category_Minor columns in the Datasheet into the respective fields if they are found in the application. Next the OK button on the FlexWindow will be clicked if it is found in the application.

 Category	OpenDialogIfNotOpen_TKS	"Category Flexfield"
 Category Flexfield	VerifyExists_TKS	
 Major Category	EnterIfExist_TKS	Parameter("Category_Major")
 Minor Category	EnterIfExist_TKS	Parameter("Category_Minor")
 OK	ClickIfExist_TKS	

EnterKeyStroke_TKS

This keyword uses the Windows Scripting Host to type into an object. It replicates the keystrokes from the keyboard, as opposed to accessing the object, as is traditionally done. This keyword is only used to troubleshoot and solve issues.

Item	Operation	Input	Output
 OracleTextField	EnterKeyStroke_TKS	Parameter("Key"), Parameter("Tab")	

Parameters

Key

This is a character or string of characters to be typed.

Tab

This should be a True/False value which will tab after entering the key characters if it is set to True.

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the keyboard stroke that is provided in the Key column of the Datasheet and then it will tab off of the Edit Field or not based on the value provided in the Tab column of the Datasheet. Next the value in the Investment_Law column of the Datasheet will be entered into the Investment Law EditField. Then a screenshot will be taken of the application and be titled Asset Details Form.

 Commitment	EnterKeyStroke_TKS	Parameter("Key"),Parameter("Tab")
 Investment Law	Enter_TKS	Parameter("Investment_Law")
 Asset Details	CaptureScreenClip_TKS	"Asset Details Form"

EnterNoValidation_TKS

This keyword will enter a value into a field after looking for tags without tabbing out of the field to validate the value.

Item	Operation	Input	Output
 OracleTextField	EnterNoValidation_TKS	Parameter("DataValue")	

Parameters

DataValue

This is the tag or value to enter into the field.

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 Asset Key Flexfield is open within 90 seconds. Then the value in the Asset_Key_Project_Number column of the Datasheet will be selected from the ListOfValues that is associated with the Project Number EditField. Then the value in the Asset_Key_Project_Task column of the Datasheet will be entered into the Project Task EditField with no verification. Next the OK button will be clicked if it is found in the application.

 Asset Key Flexfield	VerifyExists_TKS		
 Project Number	EnterFromLOV_TKS	Parameter("Asset_Key_Project_Number")	
 Project Task	EnterNoValidation_TKS	Parameter("Asset_Key_Project_Task")	
 OK	ClickIfExist_TKS		

EnterTextByIndex_TKS

This keyword enters text into a field based on the form where the field is located and the index of the field.

Item	Operation	Input	Output
 Operation	EnterTextByIndex_TKS	Parameter("FormTitle"), Parameter("DataValue"), Parameter("Index")	

Parameters

FormTitle

This is the title of the form or short title of the flex window

DataValue

This is the text to enter in the specified form.

Index

This is the index of the field on the form.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the value in the Text column of the Datasheet will be entered into the field with the index provided in the Index column of the Datasheet that is on the form provided in the Form_Title column of the Datasheet.

 Account Inquiry	VerifyExists_TKS	
 Currency Type	Select_TKS	Parameter("Currency_Type")
 Operation	EnterTextByIndex_TKS	Parameter("Form_Title"),Parameter("Text"),Parameter("Index")

ExitComponentIf_TKS

This keyword compares two values using an operator to determine if one is greater than the other or if they are equal. If the result is True, the component will be exited.

Item	Operation	Input	Output
 Operation	ExitComponentIf_TKS	Parameter("StepName"), Parameter("firstValue"), Parameter("operator"), Parameter("secondValue")	

Parameters

StepName

This is a short description of the values being compared.

firstValue

This is the first value to compare.

operator

This is the comparison operator: "<" Less Than, ">" Greater Than, "<=" Less Than Or Equal To, ">=" Greater Than Or Equal To, "=" Equal To, "<>" Not Equal To

secondValue

This is the second value being compared.

Example

Here is an example of a component that is using this keyword. The order of the steps are as follows: the value in the Payment Amount EditField will be compared to the value in the Payment_Amount column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oPayment_Amount. Next the value in the Total EditField will be compared to the value in the Total column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oTotal. Next the two LocalParameters will be compared based on the value provided in the Operator column of the Datasheet. The Test Results step for this comparison will have the name provided in the StepName column of the Datasheet. If the comparison is true, the component execution will be exited.

 Payment Amount	Verify_TKS	Parameter("Payment_Amount")	LocalParameter("oPayment_Amount")
 Total	Verify_TKS	Parameter("Total")	LocalParameter("oTotal")
 Operation	ExitComponentIf_TKS	Parameter("StepName"),LocalParameter("oPayment_Amount"),Parameter("Operator"),LocalParameter("oTotal")	

ExitTestIterationIfFalse_TKS

This keyword exits the current test iteration and closes all Oracle Forms when a specified value is set to false. This is useful for when a checkpoint fails the test, and test should be exited.

Item	Operation	Input	Output
 Operation	ExitTestIterationIfFalse_TKS	Parameter("BooleanValue")	

Parameters

BooleanValue

This is the value that, if set to False, causes exit from test iteration and close all Oracle Forms.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the execution will be exited if the value in the BooleanValue column of the Datasheet is set to False.

 Account Inquiry	VerifyExists_TKS		
 Currency Type	Select_TKS		Parameter("Currency_Type")
 Operation	ExitTestIterationIfFalse_TKS		Parameter("BooleanValue")

FindLastCheckNum

This keyword calculates the last check number based on the first check number and the number of payments made. The calculation used is $\text{firstdocumentnum} + (\text{overallpymtcnt} - 1)$.

Item	Operation	Input	Output
 Operation	FindLastCheckNum	Parameter("firstdocumentnum"), Parameter("overallpymtcnt")	LocalParameter("LastCheckNum")

Parameters

firstdocumentnum

This is the first document number.

overallpymtcnt

This is the overall number of payments made.

Return Values

This keyword returns the last check number.

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 Payment Amount EditField is equal to the value in the Payment_Amount column of the Datasheet and also verify that the value in the Total EditField is equal to the value in the Total column of the Datasheet. Next the last check number will be found from the values provided in the First_Doc_Num and Overall_Payment_Count columns of the Datasheet.

 Payment Amount	Verify_TKS	Parameter("Payment_Amount")
 Total	Verify_TKS	Parameter("Total")
 Operation	FindLastCheckNum	Parameter("First_Doc_Num"),Parameter("Overall_Payment_Count")

FindSelectIfExist_TKS

This keyword finds and selects a specific item in a list of values. If the expected value is blank, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 OracleListofValues	FindSelectIfExist_TKS	Parameter("DataValue")	

Parameters

DataValue

This is the item to select in the list of values.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Lifes OracleListofValues field is open in the application and then searches for the value in the Lifes column of the Datasheet in the Lifes OracleListofValues field and selects that value if it is found. Then the value in the Line_Number column of the Datasheet will be entered into the Line Number EditField.

 Lifes	VerifyExists_TKS		
 Lifes	FindSelectIfExist_TKS	Parameter("Lifes")	
 Line Number	Enter_TKS	Parameter("Line_Number")	

GetAttachment

This keyword retrieves an attachment from the current test case and saves it to a specified path.

Item	Operation	Input	Output
 Operation	GetAttachment	Parameter("FileName"), Parameter("OutPath")	

Parameters

FileName

This is the file name of the attachment to be retrieved.

OutPath

This is the path to the location to which to save the attachment file.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the attachment from the current test case provided in the File_Name column of the Datasheet will be saved to the location provided in the File_Path column of the Datasheet.

 Account Inquiry	VerifyExists_TKS	
 Currency Type	Select_TKS	Parameter("Currency_Type")
 Operation	GetAttachment	Parameter("File_Name"),Parameter("File_Path")

GetAttachmentFromTest

This keyword retrieves an attachment from any specified test case and saves it to a specified path.

Item	Operation	Input	Output
 Operation	GetAttachmentFromTest	Parameter("TestName"), Parameter("FileName"), Parameter("OutPath")	

Parameters

TestName

This is the name of the test case that contains the attachment.

FileName

This is the file name of the attachment file.

OutPath

This is the path to the location to which to save the file.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the attachment provided in the File_Name column of the Datasheet from the test case provided in the Test_Name column of the Datasheet will be saved to the location provided in the File_Path column of the Datasheet.

 Account Inquiry	VerifyExists_TKS	
 Currency Type	Select_TKS	Parameter("Currency_Type")
 Operation	GetAttachmentFromTest	Parameter("Test_Name"),Parameter("File_Name"),Parameter("File_Path")

GetAttachmentFromTestObject

This keyword retrieves an attachment from a test object and saves it to a specified path.

Item	Operation	Input	Output
 Operation	GetAttachmentFromTestObject	Parameter("Object"), Parameter("FileName"), Parameter("OutPath")	

Parameters

Object

This is the test object from which to retrieve the file to be attached.

FileName

This is the name of the attachment file.

OutPath

This is the path to which to save the attachment file.

KeepLatest

This is whether or not to override any existing files with the same name. This is a True or False value.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the attachment provided in the File_Name column of the Datasheet, from the test object provided in the Object column of the Datasheet will be saved to the location provided in the File_Path column of the Datasheet. The current file will override any files in the same path with the same name if the value in the KeepLatest column of the Datasheet is set to True.

 Account Inquiry	VerifyExists_TKS	
 Currency Type	Select_TKS	Parameter("Currency_Type")
 Operation	GetAttachmentFromTestObject	Parameter("Object"),Parameter("File_Name"),Parameter("File_Path"),Parameter("KeepLatest")

GetBPTRunName

This keyword retrieves the HP Quality Center BPT RunName from the GeneralInfo.ini file. This only works for a BPT test during run time. One component must be run in the test case prior to this function working. The GeneralInfo file is automatically created at the end of the first component during a test run.

Item	Operation	Input	Output
 Operation	GetBPTRunName		LocalParameter("RunName")

Return Values

This keyword returns the current HP Quality Center BPT RunName.

Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the names of the current test run and test case and save them to the LocalParameters RunName and TestName. Then the file provided in the File_Path column of the Datasheet will be saved to the Test Run provided from the LocalParameters RunName and TestName with the description provided in the File_Description column of the Datasheet.

 Operation	GetBPTRunName		LocalParameter("RunName")
 Operation	GetBPTTestName		LocalParameter("TestName")
 Operation	SaveAttachmentToBPTTestRun	LocalParameter("RunName"),LocalParameter("TestName"),Parameter("File_Path"),Parameter("File_Description")	

GetBPTTestName

This keyword retrieves the current HP Quality Center BPT TestName from the GeneralInfo.ini file. This ONLY works for a BPT test during Runtime. One component must be run in the test case prior to this function working. The GeneralInfo file is automatically created at the end of the first component during a test run.

Item	Operation	Input	Output
 Operation	GetBPTTestName		LocalParameter("TestName")

Return Values

This keyword returns the current HP Quality Center BPT Test Name.

Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the names of the current test run and test case and save them to the LocalParameters RunName and TestName. Then the file provided in the File_Path column of the Datasheet will be saved to the Test Run provided from the LocalParameters RunName and TestName with the description provided in the File_Description column of the Datasheet.

 Operation	GetBPTRunName		LocalParameter("RunName")
 Operation	GetBPTTestName		LocalParameter("TestName")
 Operation	SaveAttachmentToBPTTestRun	LocalParameter("RunName"),LocalParameter("TestName"),Parameter("File_Path"),Parameter("File_Description")	

GetColumnNameBySubstring_TKS

This keyword gets a Column Name by the first match of a SubString(partial value) name.

Item	Operation	Input	Output
 OracleTable	GetColumnNameBySubstring_TKS	Parameter("PartialColumn Name")	

Parameters

PartialColumnName

This is the Substring(partial) value of the column for which to find the full name of.

Return Values

This keyword will return the full column name corresponding to the first match of partial Column Name.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the column name with the partial value provided in the Search_Column will be searched for and when found, the entire column name will be saved to the output parameter Column_Name.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PO_DISTRIBUTIONS	GetColumnNameBySubstring_TKS	Parameter("Search_Column")	Parameter("Column_Name")

GetFieldValue_TKS

This keyword goes to the cell in the table designated by the Record Number (Row) and ColumnName and retrieves the value.

Item	Operation	Input	Output
 OracleTable	GetFieldValue_TKS	LocalParameter("Record_Number"), "ColumnName"	

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.

ColumnName

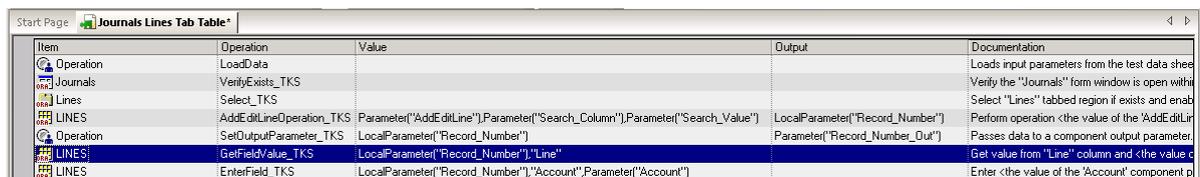
This is the column name or index of the field to capture the value from. This is typically a constant value.

Return Values

This keyword will return the value of the field specified by the record number and column name.

Example

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the data sheet, verify the Journals form is open and select the Lines tab in the form. Next is to use the AddEditLineOperation_TKS keyword to select the correct row in the table based on the values in the AddEditLine, Search_Column and Search_Value columns in the Datasheet. The row number will be saved to an output parameter. The next step is to use the GetFieldValue_TKS keyword to capture the value that is in the cell for the row found using the AddEditLine_TKS and the column with name Line.



Item	Operation	Value	Output	Documentation
 Operation	LoadData			Loads input parameters from the test data sheet
 Journals	VerifyExists_TKS			Verify the "Journals" form window is open with
 Lines	Select_TKS			Select "Lines" tabbed region if exists and enable
 LINES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")	Perform operation (the value of the 'AddEditLine
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")	Passes data to a component output parameter.
 LINES	GetFieldValue_TKS	LocalParameter("Record_Number"),"Line"		Get value from "Line" column and (the value of
 LINES	EnterField_TKS	LocalParameter("Record_Number"),"Account",Parameter("Account")		Enter (the value of the 'Account' component p

GetRecordByGreatestValue_TKS

This keyword will return the record number (row) of the record containing the greatest value in the specified column. After execution of this keyword is complete, the record will be selected.

Item	Operation	Input	Output
 OracleTable	GetRecordByGreatestValue_TKS	"ColumnName"	LocalParameter("RecordNumber")

Parameters

ColumnName

This is the column name to be searched. This is typically a constant value.

Return Values

This keyword will return the record number matching the record with the greatest value in the specified column name.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the row will be found that has the greatest value in the column provided in the Search_Column column in the Datasheet. The row will be saved in the LocalParameter Record_Number.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PO_DISTRIBUTIONS	GetRecordByGreatestValue_TKS	Parameter("Search_Column")	LocalParameter("Record_Number")

GetRecordBySubstringValue_TKS

This keyword will return an Oracle 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. The VerifyMaxRows flag will go to the last row via the menu to get the number of rows in the table

Item	Operation	Input	Output
 OracleTable	GetRecordBySubstringValue_TKS	"ColumnName", Parameter("DataValue")	LocalParameter("RecordNumber")

Parameters

ColumnName

This is the column that is to be searched

DataValue

This is the value which will be searched for. This value can be a partial search value and does not have to be the full value within the cell.

Return Values

This keyword will return the row number matching the row where The partial value was found.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the row number will be found that contains the cell under the column provided in the Search_Column column of the Datasheet and the value provided in the Search_Value column of the Datasheet. The row number will be saved in the LocalParameter Record_Number.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PD_DISTRIBUTIONS	GetRecordBySubstringValue_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")

GetRecordByTwoVal_TKS

This keyword will return the record number (row) of the first record that matches two specified values. There will be two columns searched for two separate values. There is no limit on the number of records searched.

Item	Operation	Input	Output
 OracleTable	GetRecordByTwoValue_TKS	"ColumnName1", Parameter("DataValue1"), "ColumnName2", Parameter("DataValue2")	LocalParameter("RecordNumber")

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

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.

Return Values

This keyword will return the record number matching the record that contains the two values that were searched for.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the row number will be found that contains the two cells that have the values provided in the Search_Value and Search_Value2 columns of the Datasheet under the columns provided in the Search_Column and Search_Column2 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.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PO_DISTRIBUTIONS	GetRecordByTwoVal_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Search_Column2"),Parameter("Search_Value2")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")

GetRecordByValue_TKS

This keyword will return an Oracle 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
 OracleTable	GetRecordByValue_TKS	"ColumnName", Parameter("DataValue")	LocalParameter("RecordNumber")

Parameters

ColumnName

This is the column that is to be searched.

DataValue

This is the value which will be searched for within the search column. It must be the exact and full match to the value in a cell.

Return Values

This keyword will return an Oracle 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 Distributions form is open within 90 seconds and select the More tab. Then 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.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PD_DISTRIBUTIONS	GetRecordByValue_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")

GetRecordByValueList_TKS

This keyword will return an Oracle table record number (row) based on a search value in a specified column. After execution of this keyword is complete, the record will be selected. This is limited to a table with 100 records.

Item	Operation	Input	Output
 OracleTable	GetRecordByValueList_TKS	"ColumnName", Parameter("DataValueList")	LocalParameter("RecordNumber")

Parameters

ColumnName

This is the column to be searched.

DataValueList

This is the list of data values for which to search for. If there are multiple records with this list of values, the first record containing the values will be returned.

Return Values

This keyword will return the record number matching the record where the search value was found.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the row with the cell value provided in the Search_Value_List 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.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PQ_DISTRIBUTIONS	GetRecordByValueList_TKS	Parameter("Search_Column"),Parameter("Search_Value_List")	LocalParameter("Record_Number")

GetRecordNumber

This keyword will return an Oracle table record number (row) of an item currently selected in a table.

Item	Operation	Input	Output
 Operation	GetRecordNumber		LocalParameter("RecordNumber")

Parameters

N/A

Return Values

This keyword will return a record number of an item present in a table which is currently selected in Oracle application.

Example

Here is an example of a component that is using this keyword. An Operation "GetRecordNumber" as a step in the business component is present below. The keyword will fetch out the row number of the item selected currently in application table. The row number will be saved in the Local Parameter Record_Number.

 Operation	GetRecordNumber	LocalParameter("Record_Number")	Get the record number for the selected item in Oracle Ap
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GetROTitlePropertyByIndex_TKS

This keyword will get the title RO Property from the Oracle Form Window with the specified index.

Item	Operation	Input	Output
 OracleFormWindow	GetROTitlePropertyByIndex_TKS	Parameter("objInd")	

Parameters

objInd

This is the index of the Oracle Form Window. The indexes start at zero.

Example

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the New Category and Description checkbox based on the value in the New_Category_and_Description column in the Datasheet. Then the Title RO Property will be captured from the Add to asset form with the provided index in the Add_to_Asset_Index column of the Datasheet.

 New Category and Description	Select_TKS	Parameter("New_Category_and_Description")
 Add to Asset	GetROTitlePropertyByIndex...	Parameter("Add_to_Asset_Index")

Home_TKS

This keyword will scroll to the tables first record (row) and then sets focus to a specified column. The keyword is limited to a table with 500 records.

Item	Operation	Input	Output
 OracleTable	Home_TKS	Parameter("ColumnName")	

Parameters

ColumnName

This is the column to set the focus to at the beginning of the table.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the focus will be set to the cell in the first row and the column provided in the Search_Column column of the Datasheet.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PO_DISTRIBUTIONS	Home_TKS	Parameter("Search_Column")	

InvokeSoftkey_TKS

This keyword invokes the specified Oracle softkey.

Item	Operation	Input	Output
 OracleTable	InvokeSoftkey_TKS	Parameter("Softkey")	

Parameters

Softkey

This is the softkey function to perform. Select Ctrl+K to view functions available in an Oracle Applications form. Softkey functions are not case-sensitive.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the Softkey provided in the SoftKey column of the Datasheet will be invoked from the PO_DISTRIBUTIONS table.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PO_DISTRIBUTIONS	InvokeSoftkey_TKS	Parameter("SoftKey")	

MultipleApproveCancel_TKS

This keyword optionally approves or cancels a specific number of instances of an Oracle notification window with specific text, if it is present. If it is not present, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 OracleNotification	MultipleApproveCancel_TKS	Parameter("Contains"), Parameter("ApproveCancel"), Parameter("NumTimes"), Parameter("EventStatus")	

Parameters

Contains

This is the block of notification message text to match to select the notification window. If this value is not found in any of the existing messages, this step will fail. If left blank, all notification windows will be selected.

ApproveCancel

This is the action to perform on the notification window. It should be set to either Accept or Cancel.

NumTimes

This is the number of windows to be approved or canceled.

EventStatus

This is the event status to log to test results: micFail/micGeneral/micWarning/micPass.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the notification form is open within 90 seconds and then multiple notifications will be approved or canceled. The notification contain the value provided in the Contains column of the Datasheet will be approved or canceled based on the value provided in the ApproveCancel column of the Datasheet. The number of notification that are approved or canceled is based on the number provided in the NumberOfWindows column of the Datasheet and the status reported to the test results based on the value provided in the Status column of the Datasheet.

 Generic Notification	VerifyExists_TKS		
 Generic Notification	MultipleApproveCancel_TKS	Parameter("Contains"),Parameter("ApproveCancel"),Parameter("NumberOfWindows"),Parameter("Status")	

NewRecord_TKS

This keyword creates a new record in an Oracle table.

Item	Operation	Input	Output
 OracleTable	NewRecord_TKS	Parameter("ColumnName")	LocalParameter("Record_Number")

Parameters

ColumnName

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

Return Values

This keyword returns the record number of the record created.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the focus will be set to the first row that contains an empty cell in the column provided in the Search_Column column of the Datasheet.

 Distributions	VerifyExists_TKS	
 More	Select_TKS	
 PO_DISTRIBUTIONS	NewRecord_TKS	Parameter("Search_Column")

OpenTableDialogIfNotOpen_TKS

This keyword opens a dialog window for a Java cell if the dialog is not already open.

Item	Operation	Input	Output
 JavaEdit	OpenDialogIfNotOpen_TKS	LocalParameter("RecordNumber"), "DialogTitle"	

Parameters

RecordNumber

This is the record number for which the dialog window is to be opened.

DialogTitle

This is the title of the dialog window to be opened.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Oracle Applications JavaWindow is open within 90 seconds. Then the Period FlexForm Window will be opened from the Period JavaEdit that is embedded in the cell of the table for the row that is saved in the LocalParameter Record_Number.

 Oracle Applications -	VerifyExists_TKS	
 Period	OpenTableDialogIfNotOpen_TKS	LocalParameter("Record_Number"), "Period"

OracleFormWindowsCount

This keyword will returns the count of Oracle forms currently opened in the system

Item	Operation	Input	Output
 Operation	OracleFormWindowsCount		LocalParameter("Count")

Parameters

N/A

Return Values

This keyword will return the count of Oracle forms currently opened in the system.

Example

Here is an example of a component that is using this keyword. An Operation "OracleFormWindowsCount" as a step is present below. The keyword will fetch out the total count of oracle forms currently opened in the system. This count will be saved in the Local Parameter Count.

 Operation `OracleFormWindowsCount` `LocalParameter("Count")`

OutputRequestID_TKS

This keyword saves the Request ID, Journal number or the first number found in the notification message to the Output column of the test data sheet.

Item	Operation	Input	Output
 OracleNotification	OutputRequestID_TKS	Parameter("SheetColumnName")	OutputParameter("oRequest

Parameters

SheetColumnName

This is the name of the data sheet column header that will receive the Request ID value. It does not have to match the output parameter name, though it is preferred.

Return Values

This keyword returns the Request ID, Journal number or the first number found in the notification message.

Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the ID in the notification form and save it in the output parameter Request_ID_Out and also saving it in the Request_ID_Out column in the Datasheet. Then the notification will be approved within the time in seconds provided in the Wait_Time column of the Datasheet and the status reported to the test results based on the value provided in the Status column of the Datasheet.

 Generic Notification	OutputRequestID_TKS	"Request_ID_Out"	Parameter("Request_ID_Out")
 Generic Notification	ApproveWithTimeout_TKS	Parameter("Wait_Time"),Parameter("Status")	

OutputStatusLineID_TKS

This keyword will capture an ID from the OracleStatusLine and save it in the data sheet in the column specified by the SheetColumnName.

Item	Operation	Input	Output
 OracleStatusLine	OutputStatusLineID_TKS	Parameter("SheetColumnName")	

Parameters

SheetColumnName

This is the name of the data sheet column header receiving the data. This does not have to match the output parameter name, however in most cases it is preferred that they match.

Return Values

This keyword returns the ID from the status line.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Schedule form is open within 90 seconds and then the radio button provided in the Run_the_Job column of the Datasheet will be selected from the Run the Job... RadioButtonGroup. Then the OK button will be clicked if it is found in the form. Next the ID in the OracleStatusLine will be captured into the output parameter Request_ID_Out and saved in the Request_ID_Out column of the Datasheet.

 Schedule	VerifyExists_TKS		
 Run the Job...	Select_TKS	Parameter("Run_the_Job")	
 OK	ClickIfExist_TKS		
 OracleStatusLine	OutputStatusLineID_TKS	"Request_ID_Out"	Parameter("Request_ID_Out")

RightClickSelect_TKS

This keyword will Work with the last form that was opened and will select a menu option via a right-click.

Item	Operation	Input	Output
 OracleTextField	RightClickSelect_TKS	Parameter("MenuPath")	

Parameters

MenuPath

This is the path of the right click menu selection. This will work only with the last form opened.

Example

Here is an example of a component that is using this keyword. The order of the steps are to select the value from the Ownership column of the Datasheet from the list in the Ownership OracleList and the Property Class EditField will be right clicked and the path provided in the MenuPath column of the Datasheet will be selected. Next the value in the Bought column of the Datasheet will be selected from the list in the Bought OracleList.

 Ownership	Select_TKS	Parameter("Ownership")
 Property Class	RightClickSelect_TKS	Parameter("MenuPath")
 Bought	Select_TKS	Parameter("Bought")

SaveAttachment

This keyword saves an attachment to the current NON-BPT Test Case.

Item	Operation	Input	Output
 Operation	SaveAttachment	Parameter("LocalFilePath"), Parameter("FileDescription")	

Parameters

LocalFilePath

This is the attachment files local location path.

FileDescription

This is the description of the file from the Description field in HP TestDirector.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the file provided in the File_Path column of the Datasheet will be saved to the current test case with the description provided in the File_Description column of the Datasheet.

 Account Inquiry	VerifyExists_TKS	
 Currency Type	Select_TKS	Parameter("Currency_Type")
 Operation	SaveAttachment	Parameter("File_Path"),Parameter("File_Description")

SaveAttachmentToBPTTestRun

This keyword saves an attachment to an HP Quality Center BPT Test Run. This only works for a BPT test during runtime.

Item	Operation	Input	Output
 Operation	SaveAttachmentToBPTTestRun	Parameter("TestRunName"), Parameter("TestName"), Parameter("LocalFilePath"), Parameter("FileDescription")	

Parameters

TestRunName

This is the name of the test run, returned from the GetBPTRunName keyword.

TestName

This is the name of the test case, returned from the GetBPTTestName keyword.

LocalFilePath

This is the path of the file to be attached.

FileDescription

This is the description for the attachment file in HP Quality Center.

Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the names of the current test run and test case and save them to the LocalParameters RunName and TestName. Then the file provided in the File_Path column of the Datasheet will be saved to the Test Run provided from the LocalParameters RunName and TestName with the description provided in the File_Description column of the Datasheet.

 Operation	GetBPTRunName		LocalParameter("RunName")
 Operation	GetBPTTestName		LocalParameter("TestName")
 Operation	SaveAttachmentToBPTTestRun	LocalParameter("RunName"),LocalParameter("TestName"),Parameter("File_Path"),Parameter("File_Description")	

SaveAttachmentToTest

This keyword saves an attachment to the specified test.

Item	Operation	Input	Output
 Operation	SaveAttachmentToTest	Parameter("TestName"), Parameter("LocalFilePath"), Parameter("FileDescription")	

Parameters

TestName

This is the name of the test in HP TestDirector.

LocalFilePath

This is the attachment files local location path.

FileDescription

This is the description of the file, from the Description field in HP TestDirector.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the file provided in the File_Path column of the Datasheet will be saved to the test case provided in the Test_Name column of the Datasheet with the description provided in the File_Description column of the Datasheet.

 Account Inquiry	VerifyExists_TKS	
 Currency Type	Select_TKS	Parameter("Currency_Type")
 Operation	SaveAttachmentToTest	Parameter("Test_Name"),Parameter("File_Path"),Parameter("File_Description")

SaveAttachmentToTestObj

This keyword saves a file to a test object in HP Quality Center.

Item	Operation	Input	Output
 Operation	SaveAttachmentToTestObj	Parameter("TestObj"), Parameter("LocalFilePath"), Parameter("FileDescription")	

Parameters

TestObj

This is the test object in HP Quality Center to save the file to.

LocalFilePath

This is the attachment files local location path.

FileDescription

This is the description to be shown for the attachment in Quality Center.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds and the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList. Next the file provided in the File_Path column of the Datasheet will be saved to the HP QC test object provided in the Object column of the Datasheet with the description provided in the File_Description column of the Datasheet.

 Account Inquiry	VerifyExists_TKS	
 Currency Type	Select_TKS	Parameter("Currency_Type")
 Operation	SaveAttachmentToTestObj	Parameter("Object"),Parameter("File_Path"),Parameter("File_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.

Item	Operation	Input	Output
 OracleListOfValues	SelectIfExist_TKS	Parameter("DataValue")	

Parameters

DataValue

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

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Lifes OracleListOfValues field is open in the application and then select the value in the Lifes column of the Datasheet from the Lifes OracleListOfValues field if it exists. Then the value in the Line_Number column of the Datasheet will be entered into the Line Number EditField.

 Lifes	VerifyExists_TKS		
 Lifes	SelectIfExist_TKS	Parameter("Lifes")	
 Line Number	Enter_TKS	Parameter("Line_Number")	

SelectItemOutputTableValue_TKS

This keyword selects a treepath in a cell of a table, then saves the corresponding value in the Datasheet.

Item	Operation	Input	Output
 Operation	SelectItemOutputTableValue_TKS	Parameter("objTree"), Parameter("objTable"), Parameter("TreePath"), Parameter("RecordNumber"), Parameter("ColumnName"), "SheetColumnName"	

Parameters

objTree

This is the OracleTree object.

objTable

This is the OracleTable object.

TreePath

This is the path to follow in the tree. Each node in a tree path is separated by "->".

RecordNumber

This is the record number of the captured field.

ColumnName

This is the column name or index of the captured field.

SheetColumnName

This is the name of the column header in the spreadsheet to save the captured value to.

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value from the Invoice_Number column of the Datasheet into the cell in the row saved in the LocalParameter Record_Number and InvoiceNumber column of the ADJ_INV_PAY table. Then the tree path provided in the Tree_Path column of the Datasheet will be selected from the cell of the table in the row saved in the LocalParameter Record_Number and column provided in the Search_Column column of the Datasheet. The value from the tree will be saved into the Tree_Value_Out column of the Datasheet. The tree and table objects for this step are provided in the objTree and objTable parameters. Next the value from the Payment_Amount column of the Datasheet will be entered into the cell in the row saved in the LocalParameter Record_Numbe and PaymentAmount column of the ADJ_INV_PAY table.

 ADJ_INV_PAY	EnterField_TKS	LocalParameter("Record_Number")."InvoiceNumber".Parameter("Invoice_Number")
 Operation	SelectItemOutputTableValue_TKS	Parameter("objTree"),Parameter("objTable"),Parameter("Tree_Path"),LocalParameter("Record_Number"),Parameter("Search_Column"),"Tree_Value_Out"
 ADJ_INV_PAY	EnterField_TKS	LocalParameter("Record_Number")."PaymentAmount".Parameter("Payment_Amount")

SelectOption_TKS

This keyword selects and opens an item in a tree-structured table.

Item	Operation	Input	Output
 OracleTable	SelectOption_TKS	Parameter("ColumnName"), Parameter("DataValue"), Parameter("objExpandButton")	

Parameters

ColumnName

This is the column in which to search for the data value.

DataValue

This is the data value for which to search.

objExpandButton

This is the button object to press in order to expand selection.

Return Values

This keyword will return the record number of the selection.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the value provided in the Search_Value will be selected from the tree objects in the column provided in the Search_Column column of the Datasheet. The button to expand the tree will be clicked if its value is provided in the ExpandButton column of the Datasheet.

 Distributions	VerifyExists_TKS	
 More	Select_TKS	
 PO_DISTRIBUTIONS	SelectOption_TKS	Parameter("Search_Column").Parameter("Search_Value").Parameter("ExpandButton")

SendStatusToTestResults_TKS

This keyword will send the status line text to Test Results. The step name in the report is "OracleStatusLine".

Item	Operation	Input	Output
 OracleStatusLine	SendStatusToTestResults_TKS		

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Schedule form is open within 90 seconds and then the radio button provided in the Run_the_Job column of the Datasheet will be selected from the Run the Job... RadioButtonGroup. Then the OK button will be clicked if it is found in the form. Next the status in the OracleStatusLine will be saved in the Test Results.

 Schedule	VerifyExists_TKS	
 Run the Job...	Select_TKS	Parameter("Run_the_Job")
 OK	ClickIfExist_TKS	
 OracleStatusLine	SendStatusToTestResults_TKS	

SetFocus_TKS

This keyword optionally sets the focus to the specified object.

Item	Operation	Input	Output
 OracleCheckBox			
 OracleList			
 OracleRadioGroup			
 OracleTextField		Parameter("SetFocusStatus"), "ColumnName",	
 OracleTable	SetFocus_TKS	LocalParameter("RecordNumber")	

Parameters

SetFocusStatus

This is the status of whether or not the focus was set successfully. If the value is not empty and not false/off, the focus will be set to the associated object.

ColumnName

This is the name of the column in which to set focus.

RecordNumber

This is the record number in which to set focus.

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value in the Dates_in_Service_To column of the Datasheet into the Dates in Service To EditField. Next the focus will be set to the Show Disabled Groups checkbox if the value in the Focus_Status column of the Datasheet is True or <ON>. Then the value in the Employee_Name column of the Datasheet will be entered into the Employee Name EditField.

 Dates in Service To	Enter_TKS	Parameter("Dates_in_Service_To")
 Show Disabled Groups	SetFocus_TKS	Parameter("Focus_Status")
 Employee Name	Enter_TKS	Parameter("Employee_Name")

Here is an example of a component that is using this keyword. The order of the steps are to click the OK button if it is found in the application and the focus will be set to the Asset Type list if the value in the Focus_Status column of the Datasheet is set to True or <ON>. Then the value in the Units column of the Datasheet will be entered into the Units EditField.

 OK	ClickIfExist_TKS	
 Asset Type	SetFocus_TKS	Parameter("Focus_Status")
 Units	Enter_TKS	Parameter("Units")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Find Key Flexfield Segment form is open within 90 seconds. Then the focus will be set on the Find Values By radio button if the value in the Focus_Status column of the Datasheet is set to True or <ON>. Next the value in the Application column of the Datasheet will be entered into the Application EditField.

 Find Key Flexfield Segm...	VerifyExists_TKS	
 Find Values By	SetFocus_TKS	Parameter("Focus_Status")
 Application	Enter_TKS	Parameter("Application")

Here is an example of a component that is using this keyword. The order of the steps are to enter the values in the Description and Tag_Number columns of the Datasheet into the Description and Tag Number EditFields. Then the focus will be set on the Category EditField if the value in the Focus_Status column of the Datasheet is set to True or <ON>.

 Description	Enter_TKS	Parameter("Description")
 Tag Number	Enter_TKS	Parameter("Tag_Number")
 Category	SetFocus_TKS	Parameter("Focus_Status")

Here is an example of a component that is using this keyword. The order of the steps are to use the AddEditLineOperation_TKS. This will output a LocalParameter called Record_Number that is the row in the table to automate. The row will be determined by the values provided in the AddEditLine, Search_Column and Search_Value columns in the Datasheet. The next step is an operation called SetOutputParameter_TKS that will take the LocalParameter Record_Number and convert it into an output parameter for the component so that it could be used to link another component to this one. Then the focus will be set to the cell determined by the row saved in the LocalParameter Record_Number and Type column. Next the value in the Batch column of the Datasheet will be entered into the cell in the row saved in the LocalParameter Record_Number and Batch column.

 ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
 ALLOCATION_BATCHES	SetFocus_TKS	LocalParameter("Record_Number"),"Type",Parameter("Type")	
 ALLOCATION_BATCHES	EnterField_TKS	LocalParameter("Record_Number"),"Batch",Parameter("Batch")	

SetFocusToVisibleJavaObj_TKS

This keyword sets the focus to an Oracle tables underlying Java object.

Item	Operation	Input	Output
 OracleTable	SetFocusToVisibleJavaObj_TKS	Parameter("VisibleRow"), Parameter("ColumnName")	

Parameters

VisibleRow

This is the visible row to which to set focus. The rows start at the number "1".

ColumnName

This is the name or partial name of the Java Object to which to set focus. This is not the Oracle table column name but a partial name of the Java object that is in the column.

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 cell in the row saved in the Record_Number and Type column is equal to the value in the Project_Type column of the Datasheet. Next the focus will be set to the java object in the cell of the row saved in the Record_Number and column Hours_Type. Then the value in the cell of the row saved in the Record_Number and column Hours Type will be compared to the value in the Hours_Type column of the Datasheet to verify that they are equal.

 TIMECARD_INFO	VerifyField_TKS	LocalParameter("Record_Number"),"Type",Parameter("Project_Type")
 TIMECARD_INFO	SetFocusToVisibleJavaObj...	LocalParameter("Record_Number"),"Hours_Type"
 TIMECARD_INFO	VerifyField_TKS	LocalParameter("Record_Number"),"Hours Type",Parameter("Hours_Type")

SetInputParameter_TKS

This keyword sets data to a specified input parameter of the component.

Item	Operation	Input	Output
 Operation	SetInputParameter_TKS	Parameter("ParameterName"), Parameter("DataValue")	

Parameters

ParameterName

This is the name of the input parameter to which data is passed.

DataValue

This is the value to pass to the input parameter.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Account Inquiry form is open within 90 seconds. Then the value of the Current_Type input parameter will be set to the value provided in the Value column of the data. Next the value provided in the Currency_Type column of the Datasheet will be selected from the list in the Currency|Type OracleList.

 Account Inquiry	VerifyExists_TKS	
 Operation	SetInputParameter_TKS	"Currency_Type",Parameter("Value")
 Currency Type	Select_TKS	Parameter("Currency_Type")

SetOutputParameter_TKS

This keyword passes data to the output parameter of the component.

Item	Operation	Input	Output
 Operation	SetOutputParameter_TKS	Parameter("DataValue")	

Parameters

DataValue

This is the value to be passed to the output parameter.

Return Values

This keyword returns the value to be passed to the output parameter.

Example

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and verify that the AutoAllocation Workbench form is open within 90 seconds. The next step is to use the AddEditLineOperation_TKS. This will output a LocalParameter called Record_Number that is the row in the table to automate. The row will be determined by the values provided by the user in the Datasheet. The next step is an operation called SetOutputParameter_TKS that will take the LocalParameter Record_Number and convert it into an output parameter for the component so that it could be used to link another component to this one.

 Operation	LoadData		
 AutoAllocation Workbench	VerifyExists_TKS		
 ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")

SetStringIf

This keyword compares two values using an operator to determine if one is greater than the other or if they are equal. A specified string will be returned depending on the outcome of the comparison.

Item	Operation	Input	Output
 Operation	SetStringIf	Parameter("firstValue"), Parameter("operator"), Parameter("secondValue"), Parameter("strTrue"), Parameter("strFalse")	

Parameters

firstValue

This is the first value to compare.

operator

This is the comparison operator: "<" Less Than, ">" Greater Than, "<=" Less Than Or Equal To, ">=" Greater Than Or Equal To, "=" Equal To, "<>" Not Equal To

secondValue

This is the second value being compared.

strTrue

This is the String to return if the comparison is true.

strFalse

This is the String to return if the comparison is false.

Example

Here is an example of a component that is using this keyword. The order of the steps are as follows: the value in the Payment Amount EditField will be compared to the value in the Payment_Amount column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oPayment_Amount. Next the value in the Total EditField will be compared to the value in the Total column of the Datasheet to verify that they are equal. The value from the EditField will also be saved into the LocalParameter oTotal. Next the two LocalParameters will be compared based on the value provided in the Operator column of the Datasheet. The Test Results step for this comparison will have the name provided in the StepName column of the Datasheet. If the comparison is true, the value in the True_String column of the Datasheet will be returned. If the comparison is false, the value in the False_String column of the Datasheet will be returned.

 Payment Amount	Verify_TKS	Parameter("Payment_Amount")	LocalParameter("oPayment_Amount")
 Total	Verify_TKS	Parameter("Total")	LocalParameter("oTotal")
 Operation	SetStringIf	LocalParameter("oPayment_Amount"),Parameter("Operator"),LocalParameter("oTotal"),Parameter("True_String"),Parameter("False_String")	

SetTabLabel_TKS

This keyword sets the label of a tab to the specified value.

Item	Operation	Input	Output
 OracleTabbedRegion	SetTabLabel_TKS	Parameter("TabLabel")	

Parameters

TabLabel

This is the label to be given to the OracleTabbedRegion Test Object

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and sets the value of the More Tab to the value provided in the Tab_Label column of the Datasheet. Then the AddEditLine step will determine what row to work with in the PO_DISTRIBUTIONS table based on the values provided in the AddEditLine, Search_Column, and Search_Value columns of the Datasheet.

 Distributions	VerifyExists_TKS		
 More	SetTabLabel_TKS	Parameter("Tab_Label")	
 PO_DISTRIBUTIONS	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")

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
 OracleCheckBox			
 OracleFlexWindow			
 OracleFormWindow			
 OracleList			
 OracleRadioGroup			
 OracleTabbedRegion			
 OracleTable			
 OracleTextField	SetToParameter_TKS		LocalParameter("Object")

Item	Operation	Input	Output
 OracleTree	SetToParameter_TKS	"Prop", Parameter("Value")	

Parameters

Prop

This is the property of the object to change

Value

This is the value to set the property to.

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value in the Lessor column of the Datasheet into the Lessor EditField and then set the value of the In Use checkbox to a LocalParameter In_Use for use later in the component. Next the In Physical Inventory checkbox will be checked or unchecked based on the value in the In_Physical_Inventory column of the Datasheet.

 Lessor	Enter_TKS	Parameter("Lessor")	
 In Use	SetToParameter_TKS		LocalParameter("In_Use")
 In Physical Inventory	Select_TKS	Parameter("In_Physical_Inventory")	

Here is an example of a component that is using this keyword. The order of the steps are to open the Asset Key Flexfield window from the Asset Key EditField. Then the Asset Key Flexfield will be set to the LocalParameter Asset_Key_Flexfield_Out for use later in the component. Next the value in the Asset_Key_Project_Number column of the Datasheet will be entered into the Project Number EditField if it exists.

 Asset Key	OpenDialogIfNotOpen_TKS	"Asset Key Flexfield"	
 Asset Key Flexfield	SetToParameter_TKS		LocalParameter("Asset_Key_Flexfield_Out")
 Project Number	EnterIfExist_TKS	Parameter("Asset_Key_Project_Number")	

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the New Category and Description checkbox based on the value in the New_Category_and_Description column in the Datasheet. Then the Add to Asset form will be saved as the LocalParameter Add_to_Asset. Next the button provided in the Button_Label column of the Datasheet will be clicked.

 New Category and Description	Select_TKS	Parameter("New_Category_and_Description")	
 Add to Asset	SetToParameter_TKS		LocalParameter("Add_to_Asset")
 Add to Asset	ClickButtonText_TKS	Parameter("Button_Label")	

Here is an example of a component that is using this keyword. The order of the steps are to click the OK button if it is found in the application and the value of the Asset Type list will be saved as a LocalParameter Asset_Type_Out for use later in the component. Next the value in the Units column of the Datasheet will be entered into the Units EditField.

 OK	ClickIfExist_TKS		
 Asset Type	SetToParameter_TKS		LocalParameter("Asset_Type_Out")
 Units	Enter_TKS	Parameter("Units")	

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Find Key Flexfield Segment form is open within 90 seconds. Then the radio button that is selected in the Find Values By RadioButtonGroup will be set to a LocalParameter Find_Values_by_Out for use later in the component. Then the value in the Application column of the Datasheet will be entered into the Application EditField.

 Find Key Flexfield Segm...	VerifyExists_TKS		
 Find Values By	SetToParameter_TKS		LocalParameter("Find_Values_by_Out")
 Application	Enter_TKS	Parameter("Application")	

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and verify that the Distributions form is open within 90 seconds. The the More Tab will be set to a LocalParameter More_Tab for use later in the component.

 Operation	LoadData		
 Distributions	VerifyExists_TKS		
 More	SetToParameter_TKS		LocalParameter("More_Tab")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the PO_DISTRIBUTIONS table will be set to the LocalParameter PO_DISTRIBUTIONS for use later in the component.

 Distributions	VerifyExists_TKS		
 More	Select_TKS		
 PO_DISTRIBUTIONS	SetToParameter_TKS		LocalParameter("PO_DISTRIBUTIONS")

Here is an example of a component that is using this keyword. The order of the steps are to enter the value in the Lease_Number_Description column of the Datasheet into the Lease Number Description EditField. Then the Lessor EditField will be saved as the LocalParameter Lessor. Next the In Use checkbox will be checked or unchecked based on the value in the In_Use column of the Datasheet.

 Lease Number Description	Enter_TKS	Parameter("Lease_Number_Description")	
 Lessor	SetToParameter_TKS		LocalParameter("Lessor")
 In Use	Select_TKS	Parameter("In_Use")	

ShowOptions_TKS

This keyword searches a tree-structured table.

Item	Operation	Input	Output
 OracleTable	ShowOptions_TKS	Parameter("ColumnName"), Parameter("DataValue"), Parameter("objExpandButton")	

Parameters

ColumnName

This is the name of the column in which the searched-for data value resides.

DataValue

This is the searched-for data value.

objExpandButton

This is the button object to press in order to expand selection.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Distributions form is open within 90 seconds and select the More tab. Then the tree structure in the Displayed Rate column will be expanded and the value provided in the Displayed_Rate column of the Datasheet will be searched for.

 Distributions	VerifyExists_TKS	
 More	Select_TKS	
 PO_DISTRIBUTIONS	ShowOptions_TKS	"Displayed Rate",Parameter("Displayed_Rate"),"Expand"

TabToDialogIfNotOpen_TKS

This keyword opens a dialog window for a cell in a table if the dialog is not already open by tabbing from an adjacent column. This is most commonly used to open Oracle Flex Fields from a table.

Item	Operation	Input	Output
 OracleTable	TabDialogIfNotOpen_TKS	LocalParameter("Record_Number"), "ColumnNameToTabFrom", "DialogTitle"	

Parameters

RecordNumber

This is the record number of the dialog window that is to be opened.

ColumnNameToTabFrom

This is the column from which to tab for the dialog window to be opened.

DialogTitle

This is the title of the dialog window to be opened.

Example

Here is an example of a component that is using this keyword. The order of the steps are to tab to the PO Distributions FlexField from the [] column in the row saved in the Record_Number of the PO_DISTRIBUTIONS table and then verify that the PO Distributions FlexField is open. Then the value in the Context column of the Datasheet will be compared to the value in the Context EditField to verify that they are equal.

 PO_DISTRIBUTIONS	TabToDialogIfNotOpen_TKS	LocalParameter("Record_Number"), "[]", "PO Distributions"
 PO Distributions	VerifyExists_TKS	
 Context	Verify_TKS	Parameter("Context")

TotalColumnSum_TKS

This keyword calculates the sum of all the values in a specified column.

Item	Operation	Input	Output
 OracleTable	GetFieldValue_TKS	"ColumnName"	

Parameters

ColumnName

This is the column to gather the sum from in the table.

Return Values

This keyword will return the sum of all the values in a column.

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 Charge_Account column of the Datasheet matches the value in the cell in the row saved in Record_Number and the Charge Account column of the PO_SHIPMENTS table. Then the total sum in the Amount column will be calculated. Next the value in the Reserved column of the Datasheet will be entered into the row saved in Record_Number and the Reserved column of the PO_SHIPMENTS table.

 PD_SHIPMENTS	VerifyField_TKS	LocalParameter("Record_Number"), "Charge Account", Parameter("Charge_Account")
 PD_SHIPMENTS	TotalColumnSum_TKS	"Amount"
 PD_SHIPMENTS	EnterField_TKS	LocalParameter("Record_Number"), "Reserved", Parameter("Reserved")

TriageReport

This keyword is used to report a step during execution and the details about it in ALM test results.

Item	Operation	Input	Output
 Operation	TriageReport	Parameter("micStatus"), Parameter("reportStepName"), Parameter("Details"), Parameter("Object")	

Parameters

micStatus

The status of reporting i.e. micPass/micFail/micWarning/micDone

reportStepName

The step name to be seen in reports such as "Button Click"

Details

Detailed description of the executed step.

Object

An optional argument to input the object under execution

Return Values

N/A

Example

Here is an example of a component that is using this keyword. An Operation "TriageReport" as a step is present in the business component. The keyword will report the steps based on the parameters provided for micStatus, reportStepName and Details. Parameter Object is optional.

```
|  Operation | TriageReport | Parameter("micStatus"),Parameter("reportStepname"),Parameter("Details"),Parameter("Object")
```

VerifyDate_TKS

This keyword verifies whether or not the date in a text field is the same day as the specified expected results.

Item	Operation	Input	Output
 OracleTextField  OracleTable	VerifyDate_TKS	Parameter("DataValue"), LocalParameter("RecordNumber"), "ColumnName"	

Parameters

DataValue

This is the date to verify in the text field. It must be in the correct Oracle date format.

RecordNumber

This is the record number (row) of the captured field with the date to be verified.

ColumnName

This is the column name or index of the captured field with the date to be verified.

Return Values

This keyword returns a value of True or False based on whether the actual and the expected dates match.

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the values in the Book and Group_Asset columns of the Datasheet into the Book and Group Asset EditFields. Then the date in the Dates in Service From will be compared to the value in the Dates_in_Service_From column of the Datasheet to verify that they are equal.

 Book	Enter_TKS	Parameter("Book")	
 Group Asset	Enter_TKS	Parameter("Group_Asset")	
 Dates in Service From	VerifyDate_TKS	Parameter("Dates_in_Service_From")	

Here is an example of a component that is using this keyword. The order of the steps are to verify that the AutoAllocation Workbench form has opened in the Datasheet. The next step is to use the AddEditLineOperation_TKS. This will output a LocalParameter called Record_Number that is the row in the table to automate. The row will be determined by the values provided by the user in the Datasheet. The next step is an operation called SetOutputParameter_TKS that will take the LocalParameter Record_Number and convert it into an output parameter for the component so that it could be used to link another component to this one. Then the date in the cell determined by the row saved into the LocalParameter Record_Number and Date column will be compared to the value in the Date column of the Datasheet to verify that they are equal.

 AutoAllocation Workbench	VerifyExists_TKS		
 ALLOCATION_BATCHES	AddEditLineOperation_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
 ALLOCATION_BATCHES	VerifyDate_TKS	LocalParameter("Record_Number"),"Date",Parameter("Date")	

VerifyDefault_TKS

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

Item	Operation	Input	Output
 OracleTextField	VerifyDefault_TKS		

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Asset Details form is open and then verify that there is a default value in the Asset Number EditField. Next the value in the Description column of the Datasheet will be entered into the Description EditField.

 Asset Details	VerifyExists_TKS		
 Asset Number	VerifyDefault_TKS		
 Description	Enter_TKS	Parameter("Description")	

VerifyDefaultSelect_TKS

This keyword sets a specific checkbox to on or off per the data sheet specifications (ON/OFF). If the checkbox is enabled, this step will first check to see if that is the checkbox default setting. If no data value is specified, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 OracleCheckbox	VerifyDefaultSelect_TKS	Parameter("checkboxstatus")	

Parameters

checkboxstatus

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 enter the value in the Dates_in_Service_To column of the Datasheet into the Dates in Service To EditField and then check to see if the Show Disabled Groups checkbox has a default value. Then the checkbox will be checked or unchecked based on the value in the Show_Disabled_Groups column of the Datasheet. Next the value in the Employee_Name column of the Datasheet will be entered into the Employee Name EditField.

 Dates in Service To	Enter_TKS	Parameter("Dates_in_Service_To")
 <input checked="" type="checkbox"/> Show Disabled Groups	VerifyDefaultSelect_TKS	Parameter("Show_Disabled_Groups")
 Employee Name	Enter_TKS	Parameter("Employee_Name")

VerifyGreaterOrLess_TKS

This keyword verifies if a text field is greater or less than a specified numeric value.

Item	Operation	Input	Output
 OracleTextField	VerifyGreaterOrLess_TKS	Parameter("operator"), Parameter("numericvalue")	

Parameters

operator

This is the comparison operator (" $<$ " for Less than, " $<=$ " for Less than or equal to, " $>$ " for Greater than, " $>=$ " for Greater than or equal to)

numericvalue

This is the value to which to compare the TextField object value.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Asset Details form is open within 90 seconds and then compare the value in the Asset Number EditField against the value provided in the Asset_Number column of the Datasheet. The comparison will be based on the operator provided in the Operator column of the Datasheet. Next the value in the Description column of the Datasheet will be entered into the Description EditField.

 Asset Details	VerifyExists_TKS	
 Asset Number	VerifyGreaterOrLess_TKS	Parameter("Operator"),Parameter("Asset_Number")
 Description	Enter_TKS	Parameter("Description")

VerifyTableDefault_TKS

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

Item	Operation	Input	Output
 OracleTable	VerifyTableDefault_TKS	LocalParameter("Record_Number"), "ColumnName"	

Parameters

RecordNumber

This is the record number (row) of the cell to verify.

ColumnName

This is the column name or index of the cell to verify.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that there is a default value in the cell in the row saved in the Record_Number and column Num. Then the values in the Org and Ship_To columns of the Datasheet will be entered into the cells in the row saved in teh Record_Number and the Org and Ship-To columns of the PO_DISTRIBUTIONS table.

 PD_SHIPMENTS	VerifyTableDefault_TKS	LocalParameter("Record_Number"),"Num"
 PD_SHIPMENTS	EnterField_TKS	LocalParameter("Record_Number"),"Org",Parameter("Org")
 PD_SHIPMENTS	EnterField_TKS	LocalParameter("Record_Number"),"Ship-To",Parameter("Ship_To")

WaitForWindow_TKS

This keyword verifies that a specified Oracle window or OracleFlexWindow opens within a specified time.

Item	Operation	Input	Output
 JavaWindow			
 OracleFormWindow			
 OracleNotification	WaitForWindow_TKS	Parameter("waitTime")	

Parameters

waitTime

This is the time, in seconds, to wait for an Oracle window to open.

Return Values

This keyword returns a pass or fail value in the results.

Example

Here is an example of a component that is using this keyword. The order of the steps are to wait for the number of seconds provided in the Wait_Time column of the Datasheet for the Oracle Applications JavaWindow to open. Then the value in the Period column of the Datasheet will be entered into the Period JavaEdit field.

 Oracle Applications -	WaitForWindow_TKS	Parameter("Wait_Time")
 Period	Set_TKS	Parameter("Period")

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the Amortize Adjustment and New Category and Description checkbox based on the values provided in the Amortize_Adjustment and New_Category_and_Description columns of the Datasheet. Then the application will wait for the Add to Asset form to be open for the number of seconds that are provided in the Wait_Time column of the Datasheet.

 Amortize Adjustment	Select_TKS	Parameter("Amortize_Adjustment")
 New Category and Description	Select_TKS	Parameter("New_Category_and_Description")
 Add to Asset	WaitForWindow_TKS	Parameter("Wait_Time")

Here is an example of a component that is using this keyword. The order of the steps are to load the data from the Datasheet and wait for a notification form to open within the number of seconds provided in the Wait_Time column of the Datasheet. Next the notification will be approved and the status reported to the test results based on the value provided in the Status column of the Datasheet.

 Operation	LoadData	
 Generic Notification	WaitForWindow_TKS	Parameter("Wait_Time")
 Generic Notification	Approve_TKS	Parameter("Status")