



SAP Gui Keyword Help

User guide
2016

Table of Contents

SAP Gui Keyword Help	5
TKS SAP Standard Keywords	6
Standard Object Types	7
Operation	8
SAPGuiButton	9
SAPGuiCheckBox	10
SAPGuiComboBox	11
SAPGuiEdit	12
SAPGuiGrid	13
SAPGuiMenubar	14
SAPGuiOKCode	15
SAPGuiRadioButton	16
SAPGuiTable	17
SAPGuiTabStrip	18
SAPGuiTextArea	19
SAPGuiWindow	20
Standard Keywords	21
AddEditLine_TKS	22
AutoLaunchLogon_TKS	24
ButtonClick_TKS	25
Click_TKS	26
ClickButtonText_TKS	27
ClickInCell_TKS	28
CloseAllWindows	29
Enter_TKS	30
EnterField_TKS	31
OutputToSheet_TKS	32
Select_TKS	34
SelectLabel_TKS	36
Verify_TKS	37
VerifyDefault_TKS	38
VerifyExists_TKS	39
VerifyField_TKS	40
VerifyTransaction_TKS	41
TKS SAP Advanced Keywords	42
Advanced Object Types	43
Operation	44
SAPGuiComboBox	48
SAPGuiEdit	49
SAPGuiGrid	50
SAPGuiStatusBar	51
SAPGuiTable	52
SAPGuiTree	53
SAPGuiWindow	54
Advanced Keywords	55
AbsVal_TKS	60
CaptureStatusBarScreenClip_TKS	61
CheckButtonState_TKS	62
ClearSaveExit_TKS	63

ClickToolBarLabel_TKS.....	64
CompareResetValue_TKS.....	65
CompareTwoValues_TKS.....	66
ConvertToNegativeNumber_TKS.....	67
DoubleClick_TKS.....	68
DoubleClickInCell_TKS.....	69
ExpandButton_TKS.....	70
ExpandSelect_TKS.....	71
FetchDataFromString.....	72
FindActivateCell_TKS.....	73
FindCellSelectRow_TKS.....	74
FindFieldSelectCheckbox_TKS.....	75
FindGet_TKS.....	76
FindRowByValueInCell_TKS.....	77
GetandSelectLabel_TKS.....	79
GetDocfromWindow_TKS.....	80
GetGridColumnData_TKS.....	81
GetPurchaseOrder_TKS.....	82
GetRecordBySubstringValue_TKS.....	83
GetRecordByTwoVal_TKS.....	84
GetRow_TKS.....	86
GetRowbyIndex_TKS.....	87
GetRowbySkewIndex_TKS.....	88
GetRowbySpecialIndex_TKS.....	89
GetRowbySpecialOneIndex_TKS.....	90
GetRowbyUniqueIndex_TKS.....	91
GetStatusBarItem_TKS.....	92
GetToSAPEasyAccess_TKS.....	93
getUnrestrictedTotal_TKS.....	94
HandleMultiplePopup_TKS.....	95
HandlePopupExitRun_TKS.....	96
HandleWarnings_TKS.....	97
JobNameChange_TKS.....	98
ObjectPropertyCheck_TKS.....	99
PseudoIteration_TKS.....	100
PseudoTableIteration_TKS.....	101
SelectActivateNode_TKS.....	102
SelectActivateNodebyIndex_TKS.....	103
SelectBatch_TKS.....	104
SelectCell_TKS.....	105
SelectcheckBox_TKS.....	106
SelectCheckBoxbyValue_TKS.....	107
SelectEditCheckBox_TKS.....	108
SelectCheckboxGuiLabel_TKS.....	109
SelectLabel_TKS.....	110
SelectLabelCheckBox_TKS.....	111
SelectNextLabel_TKS.....	112
SelectRadioButton_TKS.....	113
SelectRadioButtonbyAdjacentLabel_TKS.....	114
SelectRadioButtonbyAdjacentLabelEnterValue_TKS.....	115














SelectRadioButtonbyLabelindex_TKS.....	116
SelectRadioButtonEnterValue_TKS.....	117
SelectRow_TKS.....	118
SelectSAPGUITreeCheckBox_TKS.....	119
SelectSapGuiTreeltem_TKS.....	120
SelectTabstripltembyIndex_TKS.....	121
SelectTabstripltemMultipleStrips_TKS.....	122
SelectVerifyanotherGuiLabel_TKS.....	123
SelectVerifyTabstripltem_TKS.....	124
Sendfunctionkey_TKS.....	125
Sendkey_TKS.....	126
SetRow_TKS.....	127
ValidateCurrentJobStatus_TKS.....	128
VerifyDebitEqualsCredit_TKS.....	129
VerifyDisplayAmount_TKS.....	130
VerifyErrorField_TKS.....	131
VerifyEnter_TKS.....	132
VerifyExistsWithTimeout_TKS.....	133
VerifyLabel_TKS.....	134
VerifyQuantity_TKS.....	135
VerifyStatusBar_TKS.....	136

SAP Gui Keyword Help

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TKS SAP Standard Keywords

Modules:

 Operation	Custom Operation Functions.
 SAPGuiButton	Custom Functions for use with "SAPGuiButton" Test Objects.
 SAPGuiCheckBox	Custom Functions for use with "SAPGuiCheckBox" Test Objects.
 SAPGuiComboBox	Custom Functions for use with "SAPGuiComboBox" Test Objects.
 SAPGuiEdit	Custom Functions for use with "SAPGuiEdit" Test Objects.
 SAPGuiGrid	Custom Functions for use with "SAPGuiGrid" Test Objects.
 SAPGuiMenubar	Custom Functions for use with "SAPGuiMenubar" Test Objects.
 SAPGuiOKCode	Custom Functions for use with "SAPGuiOKCode" Test Objects.
 SAPGuiRadioButton	Custom Functions for use with "SAPGuiRadioButton" Test Objects.
 SAPGuiTable	Custom Functions for use with "SAPGuiTable" Test Objects.
 SAPGuiTabStrip	Custom Functions for use with "SAPGuiTabStrip" Test Objects.
 SAPGuiTextArea	Custom Functions for use with "SAPGuiTextArea" Test Objects.
 SAPGuiWindow	Custom Functions for use with "SAPGuiWindow" Test Objects.

Standard Object Types

Modules:






 Operation	Custom Operation Functions.
 SAPGuiButton	Custom Functions for use with "SAPGuiButton" Test Objects.
 SAPGuiCheckBox	Custom Functions for use with "SAPGuiCheckBox" Test Objects.
 SAPGuiComboBox	Custom Functions for use with "SAPGuiComboBox" Test Objects.
 SAPGuiEdit	Custom Functions for use with "SAPGuiEdit" Test Objects.
 SAPGuiGrid	Custom Functions for use with "SAPGuiGrid" Test Objects.
 SAPGuiMenubar	Custom Functions for use with "SAPGuiMenubar" Test Objects.
 SAPGuiOKCode	Custom Functions for use with "SAPGuiOKCode" Test Objects.
 SAPGuiRadioButton	Custom Functions for use with "SAPGuiRadioButton" Test Objects.
 SAPGuiTable	Custom Functions for use with "SAPGuiTable" Test Objects.
 SAPGuiTabStrip	Custom Functions for use with "SAPGuiTabStrip" Test Objects.
 SAPGuiTextArea	Custom Functions for use with "SAPGuiTextArea" Test Objects.
 SAPGuiWindow	Custom Functions for use with "SAPGuiWindow" Test Objects.

Operation

Operation

Custom Operations for use with SAP.

Methods:


Name	Description
 AutoLaunchLogon_TKS	This keyword launches the SAP application and logs into it
 ButtonClick_TKS	This keyword clicks a Button based on its tooltip/label name.
 CloseAllWindows	This keyword closes all open windows, returning the user to the SAP Easy Access screen.
 SelectLabel_TKS	This keyword will select any label based on its content property.
 VerifyTransaction_TKS	This keyword captures an error code and checks for "no" and "not" in status bar message. If "no" or "not" is found, the component will fail.

SAPGuiButton

SAPGuiButton

Custom Functions for use with "SAPGuiButton" Test Objects.

Methods:


Name	Description
 Click_TKS	This keyword clicks a button if the ClickStatus is set to <ON>. If the button does not exist, execution will continue.

SAPGuiCheckBox

SAPGuiCheckBox

Custom Functions for use with "SAPGuiCheckBox" Test Objects.

Methods:




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

SAPGuiComboBox

SAPGuiComboBox

Custom Functions for use with "SAPGuiComboBox" 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 in the combobox. If no data value is specified, this step will be skipped and execution will continue.
 VerifyDefault_TKS	This keyword verifies that there is a value defaulted into an combobox field. It does not matter what the value is, it will pass if the field is non-blank. If the expected value is left empty, this step will be skipped and execution will continue.

SAPGuiEdit

SAPGuiEdit

Custom Functions for use with "SAPGuiEdit" Test Objects.

Methods:






Name	Description
 Enter_TKS	This keyword enters a value into a SAPGuiEdit field if a value is provided in the datasheet.
 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 in the SAPGuiEdit field matches the expected value provided in the datasheet.
 VerifyDefault_TKS	This keyword verifies that there is a value defaulted into an edit field. It does not matter what the value is, it will pass if the field is non-blank. If the expected value is left empty, this step will be skipped and execution will continue.

SAPGuiGrid

SAPGuiGrid

Custom Functions for use with "SAPGuiGrid" Test Objects.

Methods:


Name	Description
 AddEditLine_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).
 ClickInCell_TKS	This keyword will click a cell inside a table or grid object.
 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.
 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 in a cell in a table.

SAPGuiMenubar

SAPGuiMenubar

Custom Functions for use with "SAPGuiMenubar" Test Objects.

Methods:


Name	Description
 Select_TKS	This keyword will select a path from the menubar.

SAPGuiOKCode

SAPGuiOKCode

Custom Functions for use with "SAPGuiOKCode" Test Objects.

Methods:


Name	Description
 Enter_TKS	This keyword optionally enters a value into the SAPGuiOKCode. The value is typically a T-code.

SAPGuiRadioButton

SAPGuiRadioButton

Custom Functions for use with "SAPGuiRadioButton" Test Objects.

Methods:






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

SAPGuiTable

SAPGuiTable

Custom Functions for use with "SAPGuiTable" Test Objects.

Methods:


Name	Description
 AddEditLine_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).
 ClickInCell_TKS	This keyword will click a cell inside a table or grid object.
 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.
 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 in a cell in a table.

SAPGuiTabStrip

SAPGuiTabStrip

Custom Functions for use with "SAPGuiTabStrip" Test Objects.

Methods:



Name	Description
 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.

SAPGuiTextArea

SAPGuiTextArea

Custom Functions for use with "SAPGuiTextArea" Test Objects.

Methods:



Name	Description
 Enter_TKS	This keyword optionally enters a value into a field after looking for tags.
 OutputToSheet_TKS	This keyword retrieves the value from the selected object and outputs it to the specified data spreadsheet column.

SAPGuiWindow

SAPGuiWindow


















Custom Functions for use with "SAPGuiWindow" 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 SAPGuiWindow opens within 90 seconds.



Standard Keywords

Keywords:

 AddEditLine_TKS	This keyword will either Add or Edit a line in a table based on the input parameters
 AutoLaunchLogon_TKS	This keyword launches the SAP application and logs into it.
 ButtonClick_TKS	This keyword clicks a Button based on its tooltip/label name.
 Click_TKS	This keyword clicks a button if the ClickStatus is set to <ON>.
 ClickButtonText_TKS	This keyword clicks a button on a window that displays the text in the LabelText parameter.
 ClickInCell_TKS	This keyword will click a cell inside a table or grid object.
 CloseAllWindows	This keyword closes all open windows, returning the user to the SAP Easy Access screen.
 Enter_TKS	This keyword enters a value into a SAPGuiEdit field if a value is provided in the datasheet.
 EnterField_TKS	This keyword enters a value into a cell of a table.
 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 in the combobox.
 SelectLabel_TKS	This keyword will select any label based on its content property.
 Verify_TKS	This keyword verifies that the actual value in the SAPGuiEdit field matches the expected value provided in the datasheet.
 VerifyDefault_TKS	This keyword verifies that there is a value defaulted into an edit field.
 VerifyExists_TKS	This keyword verifies that a specified SAPGuiWindow opens within 90 seconds.
 VerifyField_TKS	This keyword verifies a data value specified in the datasheet with a value in a cell in a table.
 VerifyTransaction_TKS	This keyword captures an error code and checks for "no" and "not" in status bar message.

AddEditLine_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
 SAPGuiTable	AddEditLineOperation_TKS	Parameter("AddEditLine"), Parameter("SearchColumn"), Parameter("SearchValue")	LocalParameter("RecordNumber")
 SAPGuiGrid			

Parameters

AddEditLine_Operation

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 record number(row) will be found and the focus will be set to it so the data in that row can be edited. It is only recommended to use this type of value if the same row will be changed in every test scenario.

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 the "Edit" operation is being used.

SearchValue





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

Return Values

This keyword will return the record number of the current record that the focus was set to.




Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the FB60 Enter Vendor Invoice Items Table screen is open. Then the row to Add or Edit will be determined by the values provided in the AddEditLine, Search_Column and Search_Value columns in the datasheet. Once the row is determined, it is saved as a LocalParameter Record_Number. That LocalParameter is then saved as a component output parameter Record_Number_Out. The next step is entering the value provided in the Status column of the datasheet into the cell in the Status column of the Items table and the row determined in the AddEditLine step.

 FB60 Enter Vendor Invoice Items Table	VerifyExists_TKS		
 Items	AddEditLine_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
 Items	EnterField_TKS	LocalParameter("Record_Number"),"Status",Parameter("Status")	


Here is an example of a component that is using this keyword. The order of the steps are to determine the row to Add or Edit by the values provided in the AddEditLine, Search_Column and Search_Value columns in the datasheet. Once the row is determined, it is saved as a LocalParameter Record_Number. The next step is

entering the value provided in the Value_Date and Local_curr_pmnt_amnt columns of the datasheet into the row determined by the AddEditLine step and the Value Date and Local curr pmnt amnt columns.

 GridViewCtrl	AddEditLine_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),Value Date,Parameter("Value_Date")	
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),Local curr pmnt amnt,Parameter("Local_curr_pmnt_amnt")	

AutoLaunchLogon_TKS

This keyword launches the SAP application and logs into it.

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

Parameters

Server

This is the server name of the SAP application to launch.

Client

This is the client name of the SAP application to launch.

User



This is the user name to login as in the SAP application.

Password

This is the password associated with the user name used to login to the SAP application.


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 launch the SAP instance provided by the Server and Client columns in the datasheet. The next step is to login to the SAP instance with the User and Password values provided by the User and Password columns in the datasheet.

 Operation	LoadData	
 Operation	AutoLaunchLogon_TKS	Parameter("Server"),Parameter("Client"),Parameter("User"),Parameter("Password")

ButtonClick_TKS

This keyword clicks a Button based on its tooltip/label name.

Item	Operation	Input	Output
 Operation	ButtonClick_TKS	Parameter("ButtonToBeClicked")	




Parameters

ButtonToBeClicked

This is the label(name) of the button to be clicked.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the value that is provided in the Price_group column of the datasheet from the Price group SAPGuiComboBox and then enter the value that is provided in the Sales_district column of the datasheet in the Sales district SAPGuiEdit field. Then the Enter button will be clicked. In this example it is a constant but it can be a component parameter with the value being provided in the datasheet.

 Price group	Select_TKS	Parameter("Price_group")
 Sales district	Enter_TKS	Parameter("Sales_district")
 Operation	ButtonClick_TKS	"Enter.""

Click_TKS

This keyword clicks a button if the ClickStatus is set to <ON>. If the button does not exist, execution will continue.

Item	Operation	Input	Output
 SAPGuiButton	Click_TKS	Parameter("ClickStatus")	




Parameters

ClickStatus

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


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the SAP_Menu screen is open and then the SAP Menu (Ctrl+F11) button will be clicked since the ClickStatus is set to <ON>. In this example, the value is set to a constant value so the button will always be clicked. It could also be set to a component parameter if the button didn't need to be clicked for every run of the test. Next the Transaction will be verified.

 SAP_Menu	VerifyExists_TKS	
 SAP menu (Ctrl+F11)	Click_TKS	"<ON>"
 Operation	VerifyTransaction_TKS	

ClickButtonText_TKS

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

Item	Operation	Input	Output
 SAPGuiWindow	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 enter the value from Functional_Area column in the datasheet into the Functional Area SAPGuiEdit field and then to capture a screenshot of the application if the CaptureScreenClip userfield in the test lab is set to yes. Next, the button label that is provided in the Button_Label column of the datasheet will be clicked.

 Functional Area	Enter_TKS	Parameter("Functional_Area")
 KAOx Create Cost Element: Basic Data Tab	CaptureScreenClip_TKS	"KAOx Create Cost Element Basic Data Tab"
 KAOx Create Cost Element: Basic Data Tab	ClickButtonText_TKS	Parameter("Button_Label")

Click_TKS

This keyword will click a cell inside a table or grid object.

Item	Operation	Input	Output
 SAPGuiTable  GridViewCtrl -	ClickInCell_TKS	LocalParameter("Record_Number"), Parameter("ColumnName")	

Parameters

RecordNumber







This is the row/record number where the cell in the table or grid is to be clicked.

ColumnName

This is the column of the table or grid where the cell to be clicked is present.


Example

Here is an example of a component that is using this keyword. The order of the steps are to determine the row to Add or Edit by the values provided in the AddEditLine, Search_Column, and Search_Value columns in the datasheet. Once the row is determined, it is saved as a LocalParameter Record_Number. Next the data that is entered in the datasheet for Code, Description, Status, and Release Options will be entered into the row that was found in the AddEditLine step. After that, the cell in the row determined in the AddEditLine step and the column provided in the ClickInColumn column of the datasheet will be clicked.

 GridViewCtrl	AddEditLine_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Paramet...	LocalParameter("Record_Number")
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Code",Parameter("Code")	
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Description",Parameter("De...	
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Status",Parameter("Status")	
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Release Options",Parameter...	
 GridViewCtrl	ClickInCell_TKS	LocalParameter("Record_Number"),Parameter("ClickInColumn")	

CloseAllWindows

This keyword closes all open windows, returning the user to the SAP Easy Access screen.

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




Parameters

eventStatus

This is the status to be reported to the Test Results if any windows were closed. The available 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 select the value in the Price_group column of the datasheet from the Price group SAPGuiComboBox and then enter the value that is provided in the Sales_district column of the datasheet in the Sales district SAPGuiEdit field. Then all the screens that open will be closed to return to the SAP Easy Access screen.

 Price group	Select_TKS	Parameter("Price_group")
 Sales district	Enter_TKS	Parameter("Sales_district")
 Operation	CloseAllWindows	Parameter("eventStatus")

Enter_TKS

This keyword enters a value into a SAPGuiEdit field if a value is provided in the datasheet. If no value is provided, this step will be skipped and execution will continue.

Item	Operation	Input	Output
 SAPGuiEdit			
 SAPGuiTextArea			
 SAPGuiOKCode	Enter_TKS	Parameter("DataValue")	

Parameters

DataValue

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

Some Useful Tags: More can be found on the Index tab of the datasheet.




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

blank "" = skip entry and continue execution.




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

Example



Here is an example of a component that is using this keyword. The order of the steps are to enter the value in the Name column of the datasheet into the Name SAPGuiEdit field. This step is repeated for the values in the Description and CElem category columns in the datasheet for the corresponding SAPGuiEdit fields.

 Name	Enter_TKS	Parameter("Name")
 Description	Enter_TKS	Parameter("Description")
 CElem category	Enter_TKS	Parameter("CElem_category")

Here is an example of a component that is using this keyword. The order of the steps are to activate the node in the TableTreeControl specified by the Table_Tree_Control column in the datasheet and then the value in the Text_Area_Control column of the datasheet will be entered into the TextAreaControl field. Next, the value in the SAPGui_Combo_Box column of the datasheet will be selected from the SAPGuiComboBox field.



 TableTreeControl	ActivateNode_TKS	Parameter("Table_Tree_Control")
 TextAreaControl	Enter_TKS	Parameter("Text_Area_Control")
 SAPGuiComboBox	Select_TKS	Parameter("SAPGui_Combo_Box")

Here is an example of a component that is using this keyword. The order of the steps are to verify the SAP_Easy_Access_Logon screen is open and then the value provided in the Transaction_Code column of the datasheet will be entered into the OKCode field.

 SAP_Easy_Access_Logon	VerifyExists_TKS	
 OKCode	Enter_TKS	Parameter("Transaction_Code")

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.

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

Parameters

RecordNumber

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

ColumnName





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

DataValue




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

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the FB60 Enter Vendor Invoice Items Table screen is open. Then the row to Add or Edit will be determined by the values provided in the AddEditLine, Search_Column and Search_Value columns in the datasheet. Once the row is determined, it is saved as a LocalParameter Record_Number. That LocalParameter is then saved as a component output parameter Record_Number_Out. The next step is entering the value provided in the Status column of the datasheet into the cell in the Status column of the Items table and the row determined in the AddEditLine step.




 FB60 Enter Vendor Invoice Items Table	VerifyExists_TKS		
 Items	AddEditLine_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetOutputParameter_TKS	LocalParameter("Record_Number")	Parameter("Record_Number_Out")
 Items	EnterField_TKS	LocalParameter("Record_Number"),"Status",Parameter("Status")	



Here is an example of a component that is using this keyword. The order of the steps are to determine the row to Add or Edit by the values provided in the AddEditLine, Search_Column and Search_Value columns in the datasheet. Once the row is determined, it is saved as a LocalParameter Record_Number. The next step is entering the value provided in the Value_Date and Local_curr_pmnt_amnt columns of the datasheet into the row determined by the AddEditLine step and the Value Date and Local curr pmnt amnt columns.

 GridViewCtrl	AddEditLine_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Value Date",Parameter("Value_Date")	
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Local curr pmnt amnt",Parameter("Local_curr_pmnt_amnt")	

OutputToSheet_TKS

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

Item	Operation	Input	Output
 SAPGuiEdit			
 SAPGuiComboBox			Parameter("SAPGuiEdit_Out") Parameter("SAPGuiComboBox_Out")
 SAPGuiTextArea	OutputToSheet_TKS	"SheetColumnName"	Parameter("SAPGuiTextArea_Out")

Item	Operation	Input	Output
 SAPGuiTable		LocalParameter("RecordNumber"), "ColumnName",	Parameter("SAPGuiTableCell_Out")
 SAPGuiGrid	OutputToSheet_TKS	"SheetColumnName"	Parameter("SAPGuiGridCell_Out")

Parameters

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.

RecordNumber

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

ColumnName




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

Return Values

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

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the KA01 Create Cost Element Initial Screen screen is open, then the value in the Cost Element SAPGuiEdit field is captured and saved to the Cost_Element_Out column in the datasheet. Next, the value in the Valid_From column of the datasheet will be entered into the Valid From SAPGuiEdit field.

 KA01 Create Cost Element: Initial Screen	VerifyExists_TKS		
 Cost Element	OutputToSheet_TKS	"Cost_Element_Out"	Parameter("Cost_Element_Out")
 Valid From	Enter_TKS	Parameter("Valid_From")	

Here is an example of a component that is using this keyword. The order of the steps are to verify the VA0x Standard Order Overview Shipping Tab screen is open and then enter the value in the Version column of the datasheet into the Sales_Tab_Version SAPGuiEdit field. Then the value in the Sales_Tab_Order reason SAPGuiComboBox will be captured and saved to the Order_Reason_Out column of the datasheet.

VAOx Standard Order Overview Shipping ...	VerifyExists_TKS		
Sales_Tab_Version	Enter_TKS	Parameter("Version")	
Sales_Tab_Order reason	OutputToSheet_TKS	"Order_Reason_Out"	Parameter("Order_Reason_Out")

Here is an example of a component that is using this keyword. The order of the steps are to enter the value in the Loc_curr_amount column in the datasheet into the cell in the Loc. curr. amount column and the row determined by the AddEditLine step. Next the value from the cell in the Tax code column and row determined by the AddEditLine step will be captured and saved into the Tax_Code_Out column of the datasheet. The next step is to enter the value in the Tax_jurisdictn_code column of the datasheet into the cell in the Tax jurisdictn code column and row determined by the AddEditLine step of the Items table.

Items	EnterField_TKS	LocalParameter("Record_Number")."Loc.curr.amount";Parameter("Loc_curr_amount")	
Items	OutputToSheet_TKS	LocalParameter("Record_Number")."Tax code";"Tax_Code_Out"	Parameter("Tax_Code_Out")
Items	EnterField_TKS	LocalParameter("Record_Number")."Tax jurisdictn code";Parameter("Tax_jurisdictn_code")	

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 CrCY column and row determined by the AddEditLine step is equal to the value provided in the CrCY column of the datasheet. Next, the value in the Vendor column and row determined in the AddEditLine step of the GridViewCtrl will be captured and saved to the Vendor_Out column of the datasheet. Then the value in the Name_1 column of the datasheet will be entered into the cell of the Name 1 column and row determined by the AddEditLine step.






GridViewCtrl	VerifyField_TKS	LocalParameter("Record_Number")."CrCY";Parameter("CrCY")	
GridViewCtrl	OutputToSheet_TKS	LocalParameter("Record_Number")."Vendor";"Vendor_Out"	Parameter("Vendor_Out")
GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number")."Name 1";Parameter("Name_1")	

Here is an example of a component that is using this keyword. The order of the steps are to enter the values in the Item_category and Material columns of the datasheet into the Item category and Material SAPGuiEdit fields. Then the value in the TextAreaControl will be captured and saved to the datasheet in the TextAreaControl_Out column

Item category	Enter_TKS	Parameter("Item_category")	
Material	Enter_TKS	Parameter("Material")	
TextAreaControl	OutputToSheet_TKS	"TextAreaControl_Out"	Parameter("TextAreaControl_Out")

Select_TKS

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

Item	Operation	Input	Output
 SAPGuiComboBox			
 SAPGuiCheckBox			
 SAPGuiTabStrip			
 SAPGuiRadioButton		Parameter("DataValue") Parameter("checkboxstatus")	
 SAPGuiMenubar	Select_TKS	Parameter("itemPath")	

Parameters

DataValue

This is the item name to select in the combobox and is typically a component parameter with the value being taken from the datasheet at runtime.

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.

itemPath




This is the path of the menu selection and is typically a component parameter with the value being taken from the datasheet at runtime. Use ":" to separate the nodes of the path to follow.

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 Version column of the datasheet into the Sales_Tab_Version SAPGuiEdit field. Then the values in the Order_Reason and Price_List_Type will be selected from the lists in the Sales_Tab_Order reason and Sales_Tab_Price List SAPGuiComboBox fields.

 Sales_Tab_Version	Enter_TKS	Parameter("Version")
 Sales_Tab_Order reason	Select_TKS	Parameter("Order_Reason")
 Sales_Tab_Price List	Select_TKS	Parameter("Price_List_Type")




Here is an example of a component that is using this keyword. The order of the steps are to verify that the FLB2 Import Main Lockbox Program screen is open. Then the Import into bank data checkbox and the PC upload checkbox will be checked or unchecked based on the values in the Import_into_bank_data and PC_upload columns in the datasheet.

 FLB2 Import Main Lockbox Program	VerifyExists_TKS	
 Import into bank data	Select_TKS	Parameter("Import_into_bank_data")
 PC upload	Select_TKS	Parameter("PC_upload")


Here is an example of a component that is using this keyword. The order of the steps are to select the Sales tab and then enter the values provided in the Standard_Order and Purchase_order_no columns in the datasheet into the Standard Order and Purchase order no. SAPGuiEdit fields.

 Sales	Select_TKS	"Sales"
 Standard Order	Enter_TKS	Parameter("Standard_Order")
 Purchase order no.	Enter_TKS	Parameter("Purchase_order_no")

Here is an example of a component that is using this keyword. The order of the steps are to enter the values in the Stat_key_fig_UnM and Name columns in the datasheet into the Stat. key fig. UnM. and Name SAPGuiEdit fields. Then the radiobutton specified in the Key_fig_cat column of the datasheet will be selected from the Fxd val. RadioButton Group.


 Stat. key fig. UnM.	Enter_TKS	Parameter("Stat_key_fig_UnM")
 Name	Enter_TKS	Parameter("Name")
 Fxd val.	Select_TKS	Parameter("Key_fig_cat")

Here is an example of a component that is using this keyword. The order of the steps are to verify the VA0x Standard Order Overview Shipping Tab Screen is open. Then the menu path Goto:Header:Sales will be selected. In this example, the path is constant. The path is typically a component parameter so that it can be provided in the datasheet so it can vary depending on the test iteration. Next, the value in the Version column of the datasheet will be entered into the Sales_Tab_Version SAPGuiEdit field.

 VA0x Standard Order Overview Shipping Tab	VerifyExists_TKS	
 mbar	Select_TKS	"Goto;Header;Sales"
 Sales_Tab_Version	Enter_TKS	Parameter("Version")

SelectLabel_TKS

This keyword will select any label based on its content property.

Item	Operation	Input	Output
 Operation	SelectLabel_TKS	Parameter("LabelContent")	




Parameters

LabelContent

This is the label content to select.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the value in the Price_group column of the datasheet from the Price group SAPGuiComboBox and then enter the value that is provided in the Sales_district column of the datasheet in the Sales district SAPGuiEdit field. Then the Label that is provided in the Label column of the datasheet will be selected.

 Price group	Select_TKS	Parameter("Price_group")
 Sales district	Enter_TKS	Parameter("Sales_district")
 Operation	SelectLabel_TKS	Parameter("Label")

Verify_TKS

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

Item	Operation	Input	Output
 SAPGuiEdit	Verify_TKS	Parameter("DataValue")	

Parameters

DataValue




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

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 values in the CElem_category and Attribute_mix columns of the datasheet into the corresponding SAPGuiEdit fields and then verifies that the value in the Functional Area SAPGuiEdit field is equal to the value provided in the Functional_Area column of the datasheet.

 CElem category	Enter_TKS	Parameter("CElem_category")
 Attribute mix	Enter_TKS	Parameter("Attribute_mix")
 Functional Area	Verify_TKS	Parameter("Functional_Area")

VerifyDefault_TKS

This keyword verifies that there is a value defaulted into an edit field. It does not matter what the value is, it will pass if the field is non-blank. If the expected value is left empty, this step will be skipped and execution will continue.




Item	Operation	Input	Output
 SAPGuiEdit  SAPGuiComboBox	VerifyDefault_TKS		

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 verify that the Input Type SAPGuiCombobox is non-blank and then verify that the Cost Elem. SAPGuiEdit is non-blank. Then the label with the value provided in the Search_Value column of the datasheet will be searched for under the column provided in the Search_Column column of the datasheet and the value provided in the Verify_Value column of the datasheet will be found in the same row.


 Input Type	VerifyDefault_TKS	
 Cost Elem.	VerifyDefault_TKS	
 Operation	SelectVerifyanotherGuiLabel_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Verify_Value")

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Input Type SAPGuiCombobox is non-blank and then verify that the Cost Elem. SAPGuiEdit is non-blank. Then the label with the value provided in the Search_Value column of the datasheet will be searched for under the column provided in the Search_Column column of the datasheet and the value provided in the Verify_Value column of the datasheet will be found in the same row.

 Input Type	VerifyDefault_TKS	
 Cost Elem.	VerifyDefault_TKS	
 Operation	SelectVerifyanotherGuiLabel_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Verify_Value")




VerifyExists_TKS

This keyword verifies that a specified SAPGuiWindow opens within 90 seconds.

Item	Operation	Input	Output
 SAPGuiWindow	VerifyExists_TKS		



Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the KA0x Create Cost Element: Basic Data Tab screen is open, then selects and verifies that the Basic Data Tab is selected. Next, the value that is in the Name column of the datasheet will be entered into the Name SAPGuiEdit field.

 KA0x Create Cost Element: Basic Data Tab	VerifyExists_TKS		
 Operation	Select/VerifyTabstripItem_TKS		"Basic Data"
 Name	Enter_TKS		Parameter("Name")

VerifyField_TKS

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

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

Parameters

RecordNumber

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

ColumnName




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

DataValue




This is the data value to be verified.

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the value provided in the Status column of the datasheet is equal to the value in the cell in the Status column and row determined by the AddEditLine step. Next the values in the G_L_acct and Short_Text columns of the datasheet will be entered into the cells in the G_L_acct and Short_Text columns and row determined by the AddEditLine step.


 Items	VerifyField_TKS	LocalParameter("Record_Number"), "Status", Parameter("Status")	
 Items	EnterField_TKS	LocalParameter("Record_Number"), "G/L acct", Parameter("G_L_acct")	
 Items	EnterField_TKS	LocalParameter("Record_Number"), "Short Text", Parameter("Short_Text")	

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 Crcy column and row determined by the AddEditLine step is equal to the value provided in the Crcy column of the datasheet. Next, the value in the Vendor column and row determined in the AddEditLine step of the GridViewCtrl will be captured and saved to the Vendor_Out column of the datasheet. Then the value in the Name_1 column of the datasheet will be entered into the cell of the Name 1 column and row determined by the AddEditLine step.

 GridViewCtrl	VerifyField_TKS	LocalParameter("Record_Number"), "Crcy", Parameter("Crcy")	
 GridViewCtrl	OutputToSheet_TKS	LocalParameter("Record_Number"), "Vendor", "Vendor_Out"	Parameter("Vendor_Out")
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"), "Name 1", Parameter("Name_1")	




VerifyTransaction_TKS

This keyword captures an error code and checks for "no" and "not" in status bar message. If "no" or "not" is found, the component will fail.

Item	Operation	Input	Output
 Operation	VerifyTransaction_TKS		

Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the SAP_Menu screen is open and then the SAP Menu (Ctrl+F11) button will be clicked since the ClickStatus is set to <ON>. In this example, the value is set to a constant value so the button will always be clicked. It could also be set to a component parameter if the button didn't need to be clicked for every run of the test. Then any error messages will be checked.

 SAP_Menu	VerifyExists_TKS	
 SAP menu (Ctrl+F11)	Click_TKS	"<ON>"
 Operation	VerifyTransaction_TKS	

TKS SAP Advanced Keywords

Modules:

 [Operation](#)

Custom Operation Functions.

 [SAPGuiComboBox](#)

Custom Functions for use with "SAPGuiComboBox" Test Objects.

 [SAPGuiEdit](#)

Custom Functions for use with "SAPGuiEdit" Test Objects.

 [SAPGuiGrid](#)

Custom Functions for use with "SAPGuiGrid" Test Objects.

 [SAPGuiStatusBar](#)

Custom Functions for use with "SAPGuiStatusBar" Test Objects.

 [SAPGuiTable](#)

Custom Functions for use with "SAPGuiTable" Test Objects.

 [SAPGuiTree](#)

Custom Functions for use with "SAPGuiTree" Test Objects.

 [SAPGuiWindow](#)

Custom Functions for use with "SAPGuiWindow" Test Objects.

Advanced Object Types

Modules:



[Operation](#)

Custom Operation Functions.



[SAPGuiComboBox](#)

Custom Functions for use with "SAPGuiComboBox" Test Objects.



[SAPGuiEdit](#)

Custom Functions for use with "SAPGuiEdit" Test Objects.



[SAPGuiGrid](#)

Custom Functions for use with "SAPGuiGrid" Test Objects.



[SAPGuiStatusBar](#)

Custom Functions for use with "SAPGuiStatusBar" Test Objects.



[SAPGuiTable](#)

Custom Functions for use with "SAPGuiTable" Test Objects.



[SAPGuiTree](#)

Custom Functions for use with "SAPGuiTree" Test Objects.



[SAPGuiWindow](#)




















Custom Functions for use with "SAPGuiWindow" Test Objects.




















Operation






Operation

Custom Operations for use with SAP.

Methods:

Name	Description
 AbsVal_TKS	This keyword converts a number to its absolute value.
 CaptureStatusBarScreenClip_TKS	This keyword captures an image of the Status Bar and saves it into the Test Results.
 CheckButtonState_TKS	This keyword checks if a Button exist in a window.
 ClickToolbarLabel_TKS	This keyword checks if a separate tool bar control exists and clicks on its label.
 CompareResetValue_TKS	This keyword compares two local parameter values to verify that they are equal. The values are typically local parameters that are from previous component steps. If the two values are not equal, the Delivery date will be set to the provided value.
 CompareTwoValues_TKS	This keyword compares any two parameter values to verify that they are equal. The first value is typically a local parameter that is from a previous component step and the second value is typically a component parameter provided by the user.
 ConvertToNegativeNumber_TKS	This keyword converts a number to its negative value.
 DoubleClick_TKS	This keyword double clicks in the window by sending the F2 key. Note that the object that is to be doubled clicked must be selected before this keyword can be used.
 ExpandButton_TKS	This keyword checks for the expand button label if it exists then it expands it.
 ExpandSelect_TKS	This keyword checks if the expand.* button exists and if it's true then it expands it.
 FetchDataFromString	This keyword is used to fetch a text value from a string.
 FindActivateCell_TKS	This keyword performs a Double-Click on the SearchElement in a sapgui table.
 FindFieldSelectCheckbox_TKS	This keyword will find a label and select the checkbox that is next to it.
 FindGet_TKS	This keyword finds a label and captures the data in the adjacent field.
 GetDocfromWindow_TKS	This keyword captures the title of the window and captures the doc value from that title.
 GetGridColumnData_TKS	This keyword captures cell data for a column for every row and exports it to the spreadsheet.
 GetPurchaseOrder_TKS	This keyword captures the value of the sapgulabel object as a Purchase Order. This was built for use in Sourcing Part-3.
 GetRow_TKS	This keyword gets the record number based on the provided search column and search value. This was built for use in F-4x.
 GetRowbyIndex_TKS	This keyword gets the record number based on the provided search column and search value. This was built for use in F-4x.

 GetRowbySkewIndex_TKS	This keyword gets the record number based on the provided search column and search value. This was built for use in F-44 Selection Screen.
 GetRowbySpecialIndex_TKS	This keyword gets the record number based on the provided search column and search value. This was built for use in F-4x Tax Data Details table.
 GetRowbySpecialOneIndex_TKS	This keyword gets the record number based on the provided search column and search value. This was built for use in F-63 Tax Data Details table.
 GetRowbyUniqueIndex_TKS	This keyword gets the record number based on the provided search column and search value. This was built for use in FAGLGA35.
 GetStatusBarItem_TKS	This keyword will capture the document no from status bar string message or string itself.
 GetToSAPEasyAccess_TKS	This keyword returns to the SAP Easy Access page either by logging or from any other SAP window.
 getUnrestrictedTotal_TKS	This keyword captures the unrestricted total from the data in the label. This was built for use in MMBE.
 HandleMultiplePopup_TKS	This keyword clicks the Yes or Continue button depending on which button exists on the popup window. This will click through the number of popup that is specified in the NumTimes Parameter. If more popups come up than is specified, the keyword will report an error in the run results.
 HandlePopupExitRun_TKS	This keyword captures the window title message from a popup window and clicks Yes or Continue button depending on which button exist on the popup window.
 HandleWarnings_TKS	This keyword will click enter if there are any warnings found in the Status Bar to clear the warnings. The warnings will also be captured and reported to the run results.
 JobNameChange_TKS	This keyword replaces the ? mark in the job name with the specified text.
 PseudoIteration_TKS	This keyword enters data into an editbox and selects the associated checkbox based on the specified period. This was built for use in MP30.
 PseudoTableIteration_TKS	This keyword calculates the rownumber based on the number of iterations and then enters a value based on the calculated "id" property.
 SelectActivateNodebyIndex_TKS	This keyword selects and activates a node in a sapguitree.
 SelectBatch_TKS	This keyword selects a batch based on the Material and Batch Name in the sapguitree in the selection result window. This was built for use in MSC5N.
 SelectcheckBox_TKS	This keyword selects a checkbox based on its label or the corresponding SAPedit box label.
 SelectCheckBoxbyValue_TKS	This keyword selects or deselects a based on the provided label and value.
 SelectCheckboxGuiLabel_TKS	This keyword finds the label provided under the column that is provided and then selects the checkbox that is in the same row.
 SelectEditCheckBox_TKS	This keyword checks or unchecks a checkbox. The checkbox is found by the adjacent editbox label because some checkboxes do not have attached text.

 SelectLabel_TKS	This keyword selects the label with the provided value under the specified search column.
 SelectLabelCheckBox_TKS	This keyword checks or unchecks a checkbox. The checkbox is found by its label because some checkboxes do not have attached text.
 SelectNextLabel_TKS	This keyword finds the row based on a search value, captures its id property and selects the next row.
 SelectRadioButton_TKS	This keyword selects a radio button by its attached text property or dynamic id index value.
 SelectRadioButtonbyAdjacentLabel_TKS	This keyword selects a radio button by its adjacent label and is applicable when there is no associated attached text or tooltip value available for it.
 SelectRadioButtonbyAdjacentLabelEnterValue_TKS	This keyword selects a radiobutton by its adjacent label and enters data into the corresponding sappgui editbox.
 SelectRadioButtonbyLabelindex_TKS	This keyword selects a RadioButton by the label and index. This was built for use in MD63.
 SelectRadioButtonEnterValue_TKS	This keyword selects a radio button by its attached text property and enters the associated SAPedit box value based on its edit box name.
 SelectSapGuiTreeItem_TKS	This keyword selects an item in an sappgui tree object.
 SelectTabstripItembyIndex_TKS	This keyword selects the specified tab from the tab strip by index of the tab.
 SelectTabstripItemMultipleStrips_TKS	This keyword selects a tab from the tabstrip with the given index when there are multiple tabstrips in the window.
 SelectVerifyTabstripItem_TKS	This keyword selects a tab from a tabstrip and verifies the Tabstrip item.
 Sendfunctionkey_TKS	This keyword sets data by a keyboard keystroke. This was built for use in VA01.
 Sendkey_TKS	This keyword sets the focus to the specified column and then sends a specified keyboard stroke. This was built for use in VA01.
 SetRow_TKS	This keyword enters data into a cell in a table based on the provided row and column. This was built for use in F-41 and F-44.
 ValidateCurrentJobStatus_TKS	This keyword validates if the current executed job has achieved the desired status in the given amount of time. This was built for use in F110.
 VerifyDebitEqualsCredit_TKS	This keyword verifies if the Debit amount is equal to the Credit amount. This was built for use in all AP and AR display overview components.
 VerifyDisplayAmount_TKS	This keyword verifies if the Total Amount is equal 0,00. This was built for all AP and AR display overview components.
 VerifyEnter_TKS	This keyword enters data if a window exists. This was built for use in FB60 and FB65.
 VerifyErrorField_TKS	This keyword verifies whether Errors are present in the Error Field. This was built for use in KO88.
 VerifyLabel_TKS	This keyword finds the SAPGuiLabel to verify under the provided search column and verifies the value in the label.
 VerifyStatusBar_TKS	This keyword verifies that the message in the status bar is equal to the provided expected value.

 [VerifyQuantity_TKS](#)


This keyword verifies if the Order "QTy" from the sales order is less than the "Open Qty". This was built for use in VA01.

SAPGuiComboBox

SAPGuiEdit

Custom Functions for use with "SAPGuiComboBox" Test Objects.

Methods:


Name	Description
 ClearSaveExit_TKS	This keyword clears, selects the value in the combobox and saves and exits the window.

SAPGuiEdit

SAPGuiEdit

Custom Functions for use with "SAPGuiEdit" Test Objects.

Methods:






Name	Description
 ClearSaveExit_TKS	This keyword clears, enters the value in the editbox and saves and exits the window.

SAPGuiGrid

SAPGuiGrid

Custom Functions for use with "SAPGuiGrid" Test Objects.

Methods:


Name	Description
 DoubleClickInCell_TKS	This keyword double clicks in the specified cell of a SAPGuiGrid by sending the F2 key.
 FindCellSelectRow_TKS	This keyword finds a particular value in a specified column and selects that row.
 FindRowByValueInCell_TKS	This keyword finds a row based on two search values in two different columns.
 GetRecordBySubstringValue_TKS	This keyword finds a row based on the search value in a specified column.
 GetRecordByTwoVal_TKS	This keyword finds a row based on two separate values in two different columns.

SAPGuiStatusBar

SAPGuiStatusBar

Custom Functions for use with "SAPGuiStatusBar" Test Objects.

Methods:








Name	Description
 ObjectPropertyCheck_TKS	This keyword captures the specified property of the SAPGuiStatusBar and compares it with an expected value.

SAPGuiTable

SAPGuiTable

Custom Functions for use with "SAPGuiTable" Test Objects.



Methods:

Name	Description
 DoubleClickInCell_TKS	This keyword double clicks in the specified cell of a SAPGuiTable by sending the F2 key.
 FindCellSelectRow_TKS	This keyword finds a particular value in a specified column and selects that row.
 FindRowByValueInCell_TKS	This keyword finds a row based on two search values in two different columns.
 GetRecordBySubstringValue_TKS	This keyword finds a row based on the search value in a specified column.
 GetRecordByTwoVal_TKS	This keyword finds a row based on two separate values in two different columns.
 SelectCell_TKS	This keyword selects or clicks a cell in a table based on a specified row and column.
 SelectRow_TKS	This keyword selects a row in a table based on the row number that is determined by the AddEditLine step.

SAPGuiTree

Custom Functions for use with "SAPGuiTree" Test Objects.

Methods:




Name	Description
 SelectActivateNode_TKS	This keyword will expand each node of an SAP tree path and then select/activate the last node shown in the tree path.
 SelectSAPGUITreeCheckBox_TKS	This keyword selects a checkbox in a SAPGUITree item.

SAPGuiWindow

SAPGuiWindow



















Custom Functions for use with "SAPGuiWindow" Test Objects.












Methods:

Name	Description
 GetandSelectLabel_TKS	This keyword searches for the Organization, Channel, and Division and selects the corresponding label.
 ObjectPropertyCheck_TKS	This keyword captures the specified property of the SAPGuiWindow and compares it with an expected value.
 VerifyExistsWithTimeout_TKS	This keyword verifies that a specific SAPwindow opens within a specified time.

Advanced Keywords

Keywords:

 AbsVal_TKS	This keyword converts a number to its absolute value.
 CaptureStatusBarScreenClip_TKS	This keyword captures an image of the Status Bar and saves it into the Test Results.
 CheckButtonState_TKS	This keyword checks if a Button exist in a window.
 ClearSaveExit_TKS	This keyword clears, enters the value in the editbox and saves and exits the window.
 ClickToolbarLabel_TKS	This keyword checks if a separate tool bar control exists and clicks on its label.
 CompareResetValue_TKS	This keyword compares two local parameter values to verify that they are equal.
 CompareTwoValues_TKS	This keyword compares any two parameter values to verify that they are equal.
 ConvertToNegativeNumber_TKS	This keyword converts a number to its negative value.
 DoubleClick_TKS	This keyword double clicks in the window by sending the F2 key.
 DoubleClickInCell_TKS	This keyword double clicks in the specified cell of a SAPGuiTable by sending the F2 key.
 ExpandButton_TKS	This keyword checks for the expand button label if it exists then it expands it.
 ExpandSelect_TKS	This keyword checks if the expand.* button exists and if it's true then it expands it.
 FetchDataFromString	This keyword is used to fetch a text value from a string.
 FindActivateCell_TKS	This keyword performs a Double-Click on the SearchElement in a saggui table.
 FindCellSelectRow_TKS	This keyword finds a particular value in a specified column and selects that row.
 FindFieldSelectCheckbox_TKS	This keyword will find a label and select the checkbox that is next to it.
 FindGet_TKS	This keyword finds a label and captures the data in the adjacent field.
 FindRowByValueInCell_TKS	This keyword finds a row based on two search values in two different columns.

 GetandSelectLabel_TKS	This keyword searches for the Organization, Channel, and Division and selects the corresponding label.
 GetDocfromWindow_TKS	This keyword captures the title of the window and captures the doc value from that title.
 GetGridColumnData_TKS	This keyword captures cell data for a column for every row and exports it to the spreadsheet.
 GetPurchaseOrder_TKS	This keyword captures the value of the sapguilabel object as a Purchase Order.
 GetRecordBySubstringValue_TKS	This keyword finds a row based on the search value in a specified column.
 GetRecordByTwoVal_TKS	This keyword finds a row based on two separate values in two different columns.
 GetRow_TKS	This keyword gets the record number based on the provided search column and search value.
 GetRowbyIndex_TKS	This keyword gets the record number based on the provided search column and search value.
 GetRowbySkewIndex_TKS	This keyword gets the record number based on the provided search column and search value.
 GetRowbySpecialIndex_TKS	This keyword gets the record number based on the provided search column and search value.
 GetRowbySpecialOneIndex_TKS	This keyword gets the record number based on the provided search column and search value.
 GetRowbyUniqueIndex_TKS	This keyword gets the record number based on the provided search column and search value.
 GetStatusBarItem_TKS	This keyword will capture the document no from status bar string message or string itself.
 GetToSAPEasyAccess_TKS	This keyword returns to the SAP Easy Access page either by logging in or from any other SAP window.
 getUnrestrictedTotal_TKS	This keyword captures the unrestricted total from the data in the label.
 HandleMultiplePopup_TKS	This keyword clicks the Yes or Continue button depending on which button exists on the popup window.

 [HandlePopupExitRun_TKS](#)

This keyword captures the window title message from a popup window and clicks Yes or Continue button depending on which button exist on the popup window.

 [HandleWarnings_TKS](#)

This keyword will click enter if there are any warnings found in the Status Bar to clear the warnings.

 [JobNameChange_TKS](#)

This keyword replaces the ? mark in the job name with the specified text.

 [ObjectPropertyCheck_TKS](#)

This keyword captures the specified property of the SAPGuiWindow and compares it with an expected value.

 [PseudoIteration_TKS](#)

This keyword enters data into an editbox and selects the associated checkbox based on the specified period.

 [PseudoTableIteration_TKS](#)

This keyword calculates the rownumber based on the number of iterations and then enters a value based on the calculated "id" property.

 [SelectActivateNode_TKS](#)

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

 [SelectActivateNodebyIndex_TKS](#)

This keyword selects and activates a node in a sapguitree.

 [SelectBatch_TKS](#)

This keyword selects a batch based on the Material and Batch Name in the sapguitree in the selection result window.

 [SelectCell_TKS](#)

This keyword selects or clicks a cell in a table based on a specified row and column.

 [SelectcheckBox_TKS](#)

This keyword selects a checkbox based on its label or the corresponding SAPedit box label.

 [SelectCheckBoxbyValue_TKS](#)

This keyword selects or deselects a based on the provided label and value.

 [SelectEditCheckBox_TKS](#)

This keyword checks or unchecks a checkbox based on the adjacent edit box label

 [SelectCheckboxGuiLabel_TKS](#)

This keyword finds the label provided under the column that is provided and then selects the checkbox that is in the same row.

 [SelectLabel_TKS](#)








This keyword selects the label with the provided value under the specified search column.

 [SelectLabelCheckBox_TKS](#)

This keyword checks or unchecks a checkbox based on its label

 [SelectNextLabel_TKS](#)

This keyword finds the row based on a search value, captures its id property and selects the next row.

 _SelectRadioButton_TKS	This keyword selects a radio button by its attached text property or dynamic id index value.
 _SelectRadioButtonbyAdjacentLabel_TKS	This keyword selects a radio button by its adjacent label and is applicable when there is no associated attached text or tooltip value available for it.
 _SelectRadioButtonbyAdjacentLabelEnterValue_TKS	This keyword selects a radiobutton by its adjacent label and enters data into the corresponding sapgui editbox.
 _SelectRadioButtonbyLabelindex_TKS	This keyword selects a RadioButton by the label and index.
 _SelectRadioButtonEnterValue_TKS	This keyword selects a radio button by its attached text property and enters the associated SAPedit box value based on its edit box name.
 _SelectRow_TKS	This keyword selects a row in a table based on the row number that is determined by the AddEditLine step.
 _SelectSAPGUITreeCheckBox_TKS	This keyword selects a checkbox in a SAPGUITree item.
 _SelectSapGuiTreeItem_TKS	This keyword selects an item in an sapguitree object.
 _SelectTabstripItembyIndex_TKS	This keyword selects the specified tab from the tab strip by the index of the tab.
 _SelectTabstripItemMultipleStrips_TKS	This keyword selects a tab from the tabstrip with the given index when there are multiple tabstrips in the window.
 _SelectVerifyanotherGuiLabel_TKS	This keyword selects a specified label and then verifies that there is another label with a specified value in the same row.
 _SelectVerifyTabstripItem_TKS	This keyword selects a tab from a tabstrip and verifies the Tabstrip item.
 _Sendfunctionkey_TKS	This keyword sets data by a keyboard keystroke.
 _Sendkey_TKS	This keyword sets the focus to the specified column and then sends a specified keyboard stroke.
 _SetRow_TKS	This keyword enters data into a cell in a table based on the provided row and column.
 _ValidateCurrentJobStatus_TKS	This keyword validates if the current executed job has achieved the desired status in the given amount of time.
 _VerifyDebitEqualsCredit_TKS	This keyword verifies if the Debit amount is equal to the Credit amount.
 _VerifyDisplayAmount_TKS	This keyword verifies if the Total Amount is equal 0,00.

 [VerifyErrorField_TKS](#)

This keyword verifies whether Errors are present in the Error Field.

 [VerifyEnter_TKS](#)

This keyword enters data if a window exists.

 [VerifyExistsWithTimeout_TKS](#)

This keyword verifies that a specific SAPwindow opens within a specified time.

 [VerifyLabel_TKS](#)

This keyword finds the SAPGuiLabel to verify under the provided search column and verifies the value in the label.

 [VerifyQuantity_TKS](#)


This keyword verifies if the Order "QTy" from the sales order is less than the "Open Qty".

 [VerifyStatusBar_TKS](#)

This keyword verifies that the message in the status bar is equal to the provided expected value.

AbsVal_TKS

This keyword converts a number to its absolute value.

Item	Operation	Input	Output
 Operation	AbsVal_TKS	Parameter("valueToconvert")	

Parameters

valueToconvert




This is the data value which needs to be converted into its absolute value.

Return Values

This keyword will return the converted absolute value.

Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the values from the Schedule_Lines_Quantities/dates Table cells in row 1. The value under the Order quantity column will be saved into the LocalParameter p_Order_Quantity and the value under the Confirmed qty column will be saved into the LocalParameter p_Confirmed_Quantity. Then the absolute value will be taken of the LocalParameter p_Order_Quantity.

 Schedule_Lines_Quantities/dates Table	GetCellData	1,"Order quantity"	LocalParameter("p_Order_Quantity")
 Schedule_Lines_Quantities/dates Table	GetCellData	1,"Confirmed qty."	LocalParameter("p_Confirmed_Quantity")
 Operation	AbsVal_TKS	LocalParameter("p_Order_Quantity")	

CaptureStatusBarScreenClip_TKS

This keyword captures an image of the Status Bar and saves it into the Test Results.

Item	Operation	Input	Output
 Operation	CaptureStatusBarScreenClip_TKS		


Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the value in the cell of the Schedule_Lines_Quantities/dates Table that is in the row that was saved in the LocalParameter Record_Number and the Order quantity column. Once the value is captured it will be saved in the oOrder_Quantity column of the datasheet. Then a screenshot of the StatusBar will be taken.

 Schedule_Lines_Quantities/dates Table	OutputToSheet_TKS	LocalParameter("Record_Number"),"Order quantity","oOrder_Quantity"	Parameter("oOrder_Quantity")
 Operation	CaptureStatusBarScreenClip_TKS		

CheckButtonState_TKS

This keyword checks if a Button exist in a window.

Item	Operation	Input	Output
 Operation	CheckButtonState_TKS	Parameter("ButtonLabel")	




Parameters

ButtonLabel

This is the label of the button to be searched for.



Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the VA0x Standard Order Overview Reason for rejection Tab screen is open. Then the button that is provided in the Button_Label column of the datasheet will be searched for. Then the row to Add or Edit will be determined by the values provided in the AddEditLine, Search_Column and Search_Value columns in the datasheet. Once the row is determined, it is saved as a LocalParameter Record_Number.

 VA0x Standard Order Overview Reason for rejection Tab	VerifyExists_TKS	
 Operation	CheckButtonState_TKS	Parameter("Button_Label")
 All items	AddEditLine_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")

ClearSaveExit_TKS

This keyword clears, enters the value in the editbox and saves and exits the window.

Item	Operation	Input	Output
 SAPGuiEdit			
 SAPGuiEdit	ClearSaveExit_TKS	Parameter("Save"), Parameter("ExitComp"), Parameter("inputParameter")	

Parameters

Save

This is the status of whether or not to save. This is a True or False value.

ExitComp



This is the status of whether or not to exit the window. This is a True or False value.

inputParameter




This is the value to enter into the edit box.

Example

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the PC upload SAPGuiCheckBox based on the value provided in the PC_upload column of the datasheet. Next the Lockbox file SAPGuiEdit field will be cleared so there is no value in it, then the value provided in the Lockbox_file column of the datasheet will be entered into the field. Then the screen will be saved based on the value provided in the Save column of the datasheet and the the component will be exited or not based on the value provided in the Exit_Component column of the datasheet. Next the value provided in the Procedure column of the datasheet will be entered into the Procedure SAPGuiEdit field.


 PC upload	Select_TKS	Parameter("PC_upload")
 Lockbox file	ClearSaveExit_TKS	Parameter("Save"),Parameter("Exit_Component"),Parameter("Lockbox_file")
 Procedure	Enter_TKS	Parameter("Procedure")

Here is an example of a component that is using this keyword. The order of the steps are to enter the value provided in the Version column of the datasheet into the Sales_Tab_Version SAPGuiEdit field. Next the value in the Sales_Tab_Order reason SAPGuiComboBox will be cleared and the value provided in the Order_Reason column of the datasheet will be selected from the list. Next the screen will be saved or not based on the value provided in the Save column in the datasheet and the component will be exited or not based on the value provided in the Exit_Component column of the datasheet. Then the value provided in the Price_List_Type column of the datasheet will be selected from the list of the Sales_Tab_Price List SAPGuiComboBox field.

 Sales_Tab_Version	Enter_TKS	Parameter("Version")
 Sales_Tab_Order reason	ClearSaveExit_TKS	Parameter("Save"),Parameter("Exit_Component"),Parameter("Order_Reason")
 Sales_Tab_Price List	Select_TKS	Parameter("Price_List_Type")

ClickToolbarLabel_TKS

This keyword checks if a separate tool bar control exists and clicks on its label.

Item	Operation	Input	Output
 Operation	ClickToolbarLabel_TKS	Parameter("ToolbarLabel")	




Parameters

ToolbarLabel

This is the label of the Toolbar to click.


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the VA0x Standard Order Overview Reason for rejection Tab screen is open. Then the Toolbar Label that is provided in the Toolbar_Label column of the datasheet will be clicked. Then the row to Add or Edit will be determined by the values provided in the AddEditLine, Search_Column and Search_Value columns in the datasheet. Once the row is determined, it is saved as a LocalParameter Record_Number.

 VA0x Standard Order Overview Reason for rejection Tab	VerifyExists_TKS	
 Operation	ClickToolbarLabel_TKS	Parameter("Toolbar_Label")
 All items	AddEditLine_TKS	Parameter("AddEditLine"),Parameter("Search_Column"),Parameter("Search_Value")

CompareTwoValues_TKS

This keyword compares two local parameter values to verify that they are equal. The values are typically local parameters that are from previous component steps. If the two values are not equal, the Delivery date will be set to the provided value.

Item	Operation	Input	Output
 Operation	CompareResetValue_TKS	LocalParameter("LocalParameter1"), LocalParameter("LocalParameter2"), Parameter("DeliveryDate")	

Parameters

LocalParameter1

This is the first Local parameter to compare the second value against.

LocalParameter2




This is the second Local parameter to compare the first value against.

DeliveryDate

This is the value to set the Delivery Date to.


Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the values from the Schedule_Lines_Quantities/dates Table cells in row 1. The value under the Order quantity column will be saved into the LocalParameter p_Order_Quantity and the value under the Confirmed qty column will be saved into the LocalParameter p_Confirmed_Quantity. The two values are then compared and if they are not equal the value provided in the Delivery_Date column of the datasheet will be entered into the Delivery Date field.

 Schedule_Lines_Quantities/dates Table	GetCellData	1,"Order quantity"	LocalParameter("p_Order_Quantity")
 Schedule_Lines_Quantities/dates Table	GetCellData	1,"Confirmed qty."	LocalParameter("p_Confirmed_Quantity")
 Operation	CompareResetValue_TKS	LocalParameter("p_Confirmed_Quantity"),LocalParameter("p_Order_Quantity"),Parameter("Delivery_Date")	

CompareTwoValues_TKS

This keyword compares any two parameter values to verify that they are equal. The first value is typically a local parameter that is from a previous component step and the second value is typically a component parameter provided by the user.

Item	Operation	Input	Output
 Operation	CompareTwoValues_TKS	LocalParameter("LocalParameter"), Parameter("InputParameter")	

Parameters

LocalParameter




This is the Local parameter to compare the provided value against.

InputParameter

This is the value provided by the user to compare the Local parameter against.


Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the values from the Schedule_Lines_Quantities/dates Table cells in row 1. The value under the Order quantity column will be saved into the LocalParameter p_Order_Quantity and the value under the Confirmed qty column will be saved into the LocalParameter p_Confirmed_Quantity. The two values are then compared.

 Schedule_Lines_Quantities/dates Table	GetCellData	1,"Order quantity"	LocalParameter("p_Order_Quantity")
 Schedule_Lines_Quantities/dates Table	GetCellData	1,"Confirmed qty."	LocalParameter("p_Confirmed_Quantity")
 Operation	CompareTwoValues_TKS	LocalParameter("p_Order_Quantity"),Parameter("Order_Quantity")	

ConvertToNegativeNumber_TKS

This keyword converts a number to its negative value.

Item	Operation	Input	Output
 Operation	ConvertToNegativeNumber_TKS	Parameter("valueToconvert")	



Parameters

valueToconvert

This is the value to convert to a negative value.


Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the values from the Schedule_Lines_Quantities/dates Table cells in row 1. The value under the Confirmed qty column will be saved into the LocalParameter p_Confirmed_Quantity. The value will then be converted into a negative number.

 Schedule_Lines_Quantities/dates Table	GetCellData	1,"Confirmed qty."	LocalParameter("p_Confirmed_Quantity")
 Operation	ConvertToNegativeNumber_TKS	LocalParameter("p_Confirmed_Quantity")	



DoubleClick_TKS

This keyword double clicks in the window by sending the F2 key. Note that the object that is to be double clicked must be selected before this keyword can be used.

Item	Operation	Input	Output
 Operation	DoubleClick_TKS		



Example

Here is an example of a component that is using this keyword. The order of the steps are to select the SAPGuiLabel with the value provided in the Search_Label column of the datasheet that is under the column provided in the Search_Column column of the datasheet. Then the label that is selected will be double clicked. Next the value in the status bar will be verified against the value provided in the Status_Message column of the datasheet.

 Operation	SelectLabel_TKS	Parameter("Search_Label"),Parameter("Search_Column")
 Operation	DoubleClick_TKS	
 Operation	VerifyStatusBar_TKS	Parameter("Status_Message")

DoubleClickInCell_TKS

This keyword double clicks in the specified cell of a SAPGuiTable by sending the F2 key.

Item	Operation	Input	Output
 SAPGuiTable			
 SAPGuiGrid	DoubleClickInCell_TKS	LocalParameter("RecordNumber"), "ColumnName"	

Parameters

RecordNumber




This is the row value of the cell to select.

ColumnName




This is the column value of the cell to select.

Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the values that are provided in the Description and Item columns of the datasheet into the Description and Item columns in the Item SAPGuiTable in the row provided by the LocalParameter("Record_Number"). Then the cell in the row provided by the LocalParameter("Record_Number") and Item column will be double clicked.


 Release_Purchase_Requisition_Item_Overview_Table	EnterField_TKS	LocalParameter("Record_Number"),"Description",Parameter("Description")
 Release_Purchase_Requisition_Item_Overview_Table	EnterField_TKS	LocalParameter("Record_Number"),"Item",Parameter("Item")
 Release_Purchase_Requisition_Item_Overview_Table	DoubleClickInCell_TKS	LocalParameter("Record_Number"),"Item"

Here is an example of a component that is using this keyword. The order of the steps are to enter the values that are provided in the Description and Item columns of the datasheet into the Description and Item columns in the Item SAPGuiGrid table in the row provided by the LocalParameter("Record_Number"). Then the cell in the row provided by the LocalParameter("Record_Number") and Item column will be double clicked.

 Item	EnterField_TKS	LocalParameter("Record_Number"),"Description",Parameter("Description")
 Item	EnterField_TKS	LocalParameter("Record_Number"),"Item",Parameter("Item")
 Item	DoubleClickInCell_TKS	LocalParameter("Record_Number"),"Item"

ExpandButton_TKS

This keyword checks for the expand button label if it exists then it expands it.

Item	Operation	Input	Output
 Operation	ExpandButton_TKS	Parameter("ExpandButtonLabel")	




Parameters

ExpandButtonLabel

This is the label of the button to expand.


Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the values under the Item_category and Material columns of the datasheet into the Item category and Material SAPGuiEdit fields. Then the value in the Button_Label will be search for and if found it will be expanded.

 Item category	Enter_TKS	Parameter("Item_category")
 Material	Enter_TKS	Parameter("Material")
 Operation	ExpandButton_TKS	Parameter("Button_Label")




ExpandSelect_TKS

This keyword checks if the expand.* button exists and if it's true then it expands it.

Item	Operation	Input	Output
 Operation	ExpandSelect_TKS		


Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the values under the Item_category and Material columns of the datasheet into the Item category and Material SAPGuiEdit fields. Then the Expand button will be searched for and, if found, will be clicked.

 Item category	Enter_TKS	Parameter("Item_category")
 Material	Enter_TKS	Parameter("Material")
 Operation	ExpandSelect_TKS	

FetchDataFromString

This keyword checks for the expand button label if it exists then it expands it.

Item	Operation	Input	Output
 Operation	FetchDataFromString	Parameter("Str"), Parameter("Separator")	Parameter("Text_Value")

Parameters

Str

This is the string which contains the required text value.

Separator

This is the word in the string before the required text value.


Example

Here is an example of a component that is using this keyword. The user needs to provide the full text string in the String column of the datasheet and then provide the word which occurs before the required text value in the Preceding_Text column of the datasheet. The output value will be saved in the output column Text_Value in the datasheet.

 Operation	FetchDataFromString	Parameter("String"),Parameter("Preceding_Text")	Parameter("Text_Value")
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FindActivateCell_TKS

This keyword performs a Double-Click on the SearchElement in a saggui table.

Item	Operation	Input	Output
 Operation	FindActivateCell_TKS	Parameter("SearchElement"), Parameter("ColumnName")	

Parameters

SearchElement




This is the element in the saggui tree to search for and double-click.

ColumnName

This is the column name for which the saggui tree is located.



Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the cell will be activated and the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	FindActivateCell_TKS	Parameter("Search_Value"),Parameter("Search_Column")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partn.Funct.",Parameter("Partn_Funct")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner",Parameter("Partner")

FindCellSelectRow_TKS

This keyword finds a particular value in a specified column and selects that row.

Item	Operation	Input	Output
 SAPGuiTable	FindCellSelectRow_TKS	LocalParameter("ColumnName"), Parameter("CellValue")	
 SAPGuiGrid			

Parameters

ColumnName




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

CellValue




This is the data value to search for in the column given in the ColumnName parameter.

Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell in the Items SAPGuiTable under the Status column that has the value provided in the search_value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the G_L_acct and Short_Text columns of the datasheet will be entered into the cells or the row that was selected and the G/L acct and Short Text columns of the Items SAPGuiTable.


 Items	FindCellSelectRow_TKS	"Status",Parameter("search_value")	LocalParameter("Record_Number")
 Items	EnterField_TKS	LocalParameter("Record_Number"),"G/L acct",Parameter("G_L_acct")	
 Items	EnterField_TKS	LocalParameter("Record_Number"),"Short Text",Parameter("Short_Text")	

Here is an example of a component that is using this keyword. The order of the steps are to find the cell in the GridViewCtrl SAPGuiGrid that is under the column provided in the Search_Column column of the datasheet and it must contain the value that is provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Value_Date and Local_curr_pmnt_amnt columns of the datasheet will be entered into the cells or the row that was selected and the Value_Date and Local curr pmnt amnt columns of the GridViewCtrl SAPGuiGrid.

 GridViewCtrl	FindCellSelectRow_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Value Date",Parameter("Value_Date")	
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Local curr pmnt amnt",Parameter("Local_curr_pmnt_amnt")	

FindFieldSelectCheckbox_TKS

This keyword will find a label and select the checkbox that is next to it.

Item	Operation	Input	Output
 Operation	FindFieldSelectCheckbox_TKS	Parameter("CheckboxLabel")	




Parameters

CheckboxLabel

This is the label of the checkbox that is to 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 in the Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Then the checkbox with the label provided in the Checkbox_Label column of the datasheet will be searched for and if found will be selected.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Display Range	Select_TKS	Parameter("Display_Range")
 Operation	FindFieldSelectCheckbox_TKS	Parameter("Checkbox_Label")

FindGet_TKS

This keyword finds a label and captures the data in the adjacent field.

Item	Operation	Input	Output
 Operation	FindGet_TKS	Parameter("Label")	

Parameters

Label




This is the label to be searched for.

Return Values

This keyword returns the labels adjacent data.



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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Then the label that is provided in the Label column of the datasheet will be searched for and the value of the adjacent field will be captured.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Display Range	Select_TKS	Parameter("Display_Range")
 Operation	FindGet_TKS	Parameter("Label")

FindRowByValueInCell_TKS

This keyword finds a row based on two search values in two different columns.

Item	Operation	Input	Output
 SAPGuiTable  SAPGuiGrid	FindRowByValueInCell_TKS	"ItemColumnName", "MatColumnName", Parameter("ItemValue"), Parameter("MatValue"), Parameter("StartRow")	LocalParameter("Record_Number")

Parameters

ItemColumnName

This is the name of the first column to search in.

MatColumnName

This is the name of the second column to search in.

ItemValue

This is the value in the first column to search for.

MatValue

This is the value in the second column to search for.

StartRow




This is the row in the table to start the search at.

Return Values

This keyword returns the record number of the searched for values.

Example

Here is an example of a component that is using this keyword. The order of the steps are to find the row of the Items SAPGuiTable that contain the values provided in the Search_Value and Search_Value2 columns of the datasheet. These values will be searched for under the column names that are provided in the Search_Column and Search_Column2 columns of the datasheet. The search will start with row 1. When that cells are found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the G_L_acct and Short_Text columns of the datasheet will be entered into the cells or the row that was selected and the G/L acct and Short Text columns of the Items SAPGuiTable.

 Items	FindRowByValueInCell_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Search_Column2"),Parameter("Search_Value2"),"1"	LocalParameter("Record_Number")
 Items	EnterField_TKS	LocalParameter("Record_Number"),"G/L acct",Parameter("G_L_acct")	
 Items	EnterField_TKS	LocalParameter("Record_Number"),"Short Text",Parameter("Short_Text")	


Here is an example of a component that is using this keyword. The order of the steps are to find the row of the GridViewCtrl SAPGuiGrid that contain the values provided in the Search_Value and Search_Value2 columns of the datasheet. These values will be searched for under the column names that are provided in the Search_Column

and Search_Column2 columns of the datasheet. The search will start with row 1. When that cells are found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Value_Date and Local_curr_pmnt_amnt columns of the datasheet will be entered into the cells or the row that was selected and the Value_Date and Local curr pmnt amnt columns of the GridViewCtrl SAPGuiGrid.

GridViewCtrl	FindRowByValueInCell_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Search_Column2"),Parameter("Search_Value2"),"1"	LocalParameter("Record_Number")
GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Value Date",Parameter("Value_Date")	
GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Local curr pmnt amnt",Parameter("Local_curr_pmnt_amnt")	

GetandSelectLabel_TKS

This keyword searches for the Organization, Channel, and Division and selects the corresponding label.

Item	Operation	Input	Output
 SAPGuiWindow	GetSelectLabel_TKS	Parameter("Org"), Parameter("Channel"), Parameter("Div")	

Parameters

Org

This is the organization value to search for.

Channel




This is the channel value to search for.

Div

This is the division value to search for.


Example

Here is an example of a component that is using this keyword. The order of the steps are to search for the values provided in the Org, Channel, and Div columns of the datasheet and select the attached label. Then the Import into bank data checkbox and the PC upload checkbox will be checked or unchecked based on the values in the Import_into_bank_data and PC_upload columns in the datasheet.

 FLB2 Import Main Lockbox Program	GetandSelectLabel_TKS	Parameter("Org"),Parameter("Channel"),Parameter("Div")
 <input checked="" type="checkbox"/> Import into bank data	Select_TKS	Parameter("Import_into_bank_data")
 <input checked="" type="checkbox"/> PC upload	Select_TKS	Parameter("PC_upload")

GetDocfromWindow_TKS

This keyword captures the title of the window and captures the doc value from that title.




Item	Operation	Input	Output
 Operation	GetDocfromWindow_TKS		

Return Values

This keyword returns the doc value from the window title string.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Then the title of the sap window title will be captured and the document number in the title will be captured.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Display Range	Select_TKS	Parameter("Display_Range")
 Operation	GetDocfromWindow_TKS	

GetGridColumnData_TKS

This keyword captures cell data for a column for every row and exports it to the spreadsheet.

Item	Operation	Input	Output
 Operation	GetGridColumnData_TKS	Parameter("colName")	




Parameters

colName

This is the name of the column to get data from its rows.


Example

Here is an example of a component that is using this keyword. The order of the steps are to get the data from all the cells under the Status column and save that data in the datasheet. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	GetGridColumnData_TKS	"Status"
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partn.Funct.",Parameter("Partn_Funct")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner",Parameter("Partner")

GetPurchaseOrder_TKS

This keyword captures the value of the sapguilabel object as a Purchase Order. This was built for use in Sourcing Part-3.




Item	Operation	Input	Output
 Operation	GetPurchaseOrder_TKS		LocalParameter("Purchase_Order_Out")

Return Values

This keyword returns the Purchase Order number from the sapguilabel object.



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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Then the purchase order number will be captured and saved into the LocalParameter Purchase_Order_Out.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")	
 Display Range	Select_TKS	Parameter("Display_Range")	
 Operation	GetPurchaseOrder_TKS		LocalParameter("Purchase_Order_Out")

GetRecordBySubstringValue_TKS

This keyword finds a row based on the search value in a specified column.

Item	Operation	Input	Output
 SAPGuiTable  SAPGuiGrid	GetRecordBySubstringValue_TKS	Parameter("ColumnName"), Parameter("SearchValue")	

Parameters

ColumnName




This is the column name or number in which to search for the specified value.

SearchValue




This is the value to be searched for.

Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell in the Items SAPGuiTable that is under the column provided in the Search_Column column of the datasheet and it must contain the value that is provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the G_L_acct and Short_Text columns of the datasheet will be entered into the cells or the row that was selected and the G/L acct and Short Text columns of the Items SAPGuiTable.



 Items	GetRecordBySubstringValue_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Items	EnterField_TKS	LocalParameter("Record_Number"),"G/L acct",Parameter("G_L_acct")	
 Items	EnterField_TKS	LocalParameter("Record_Number"),"Short Text",Parameter("Short_Text")	

Here is an example of a component that is using this keyword. The order of the steps are to find the cell in the GridViewCtrl SAPGuiGrid that is under the column provided in the Search_Column column of the datasheet and it must contain the value that is provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Value_Date and Local_curr_pmnt_amnt columns of the datasheet will be entered into the cells or the row that was selected and the Value_Date and Local curr pmnt amnt columns of the GridViewCtrl SAPGuiGrid.

 GridViewCtrl	GetRecordBySubstringValue_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Value Date",Parameter("Value_Date")	
 GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Local curr pmnt amnt",Parameter("Local_curr_pmnt_amnt")	

GetRecordByTwoVal_TKS

This keyword finds a row based on two separate values in two different columns.

Item	Operation	Input	Output
 SAPGuiTable  SAPGuiGrid	GetRecordByTwoVal_TKS	"col1", Parameter("val1"), "col2", Parameter("val2"), Parameter("StartRow")	

Parameters

col1

This is the first column name to search for the val1 data in.

val1

This is the first value to search for in col1.

col2

This is the second column name to search for the val2 data in.

val2

This is the second value to search for in col2.

StartRow




This is the row in the table to start the search at.

Return Values

This keyword returns the record number of the searched for values.

Example

Here is an example of a component that is using this keyword. The order of the steps are to find the row of the Items SAPGuiTable that contain the values provided in the Search_Value and Search_Value2 columns of the datasheet. These values will be searched for under the column names that are provided in the Search_Column and Search_Column2 columns of the datasheet. The search will start with row 1. When that cells are found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the G_L_acct and Short_Text columns of the datasheet will be entered into the cells or the row that was selected and the G/L acct and Short Text columns of the Items SAPGuiTable.

 Items	GetRecordByTwoVal_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Search_Column2"),Parameter("Search_Value2"),"1"	LocalParameter("Record_Number")
 Items	EnterField_TKS	LocalParameter("Record_Number"),"G/L acct",Parameter("G_L_acct")	
 Items	EnterField_TKS	LocalParameter("Record_Number"),"Short Text",Parameter("Short_Text")	


Here is an example of a component that is using this keyword. The order of the steps are to find the row of the GridViewCtrl SAPGuiGrid that contain the values provided in the Search_Value and Search_Value2 columns of the datasheet. These values will be searched for under the column names that are provided in the Search_Column and Search_Column2 columns of the datasheet. The search will start with row 1. When that cells are found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the

values provided in the Value_Date and Local_curr_pmnt_amnt columns of the datasheet will be entered into the cells or the row that was selected and the Value_Date and Local curr pmnt amnt columns of the GridViewCtrl SAPGuiGrid.

GridViewCtrl	GetRecordByTwoVal_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Search_Column2"),Parameter("Search_Value2"),"1"	LocalParameter("Record_Number")
GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Value Date",Parameter("Value_Date")	
GridViewCtrl	EnterField_TKS	LocalParameter("Record_Number"),"Local curr pmnt amnt",Parameter("Local_curr_pmnt_amnt")	

GetRow_TKS

This keyword gets the record number based on the provided search column and search value. This was built for use in F-4x.

Item	Operation	Input	Output
 Operation	GetRow_TKS	Parameter("SearchValue"), Parameter("ColumnName")	

Parameters

SearchValue

This is the value to be searched for.

ColumnName




This is the name of the column to search in.

Return Values

This keyword returns a record number.


Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	GetRow_TKS	Parameter("Search_Value"),Parameter("Search_Column")	LocalParameter("Record_Number")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partn.Funct.",Parameter("Partn_Funct")	
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner",Parameter("Partner")	

GetRowbyIndex_TKS

This keyword gets the record number based on the provided search column and search value. This was built for use in F-4x.

Item	Operation	Input	Output
 Operation	GetRowbyIndex_TKS	Parameter("ColumnName"), Parameter("SearchValue")	LocalParameter("Record_Number")

Parameters

ColumnName

This is the name of the column to search in.

SearchValue




This is the value to be searched for.

Return Values

This keyword returns a record number.


Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	GetRowbyIndex_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partn.Funct",Parameter("Partn_Funct")	
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner",Parameter("Partner")	

GetRowbySkewIndex_TKS

This keyword gets the record number based on the provided search column and search value. This was built for use in F-44 Selection Screen.

Item	Operation	Input	Output
 Operation	GetRowbySkewIndex_TKS	Parameter("ColumnName"), Parameter("SearchValue")	LocalParameter("Record_Number")

Parameters

ColumnName

This is the name of the column to search in.

SearchValue




This is the value to be searched for.

Return Values

This keyword returns a record number.


Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	GetRowbySkewIndex_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partn.Funct",Parameter("Partn_Funct")	
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner",Parameter("Partner")	

GetRowbySpecialIndex_TKS

This keyword gets the record number based on the provided search column and search value. This was built for use in F-4x Tax Data Details table.

Item	Operation	Input	Output
 Operation	GetRowbySpecialIndex_TKS	Parameter("ColumnName"), Parameter("SearchValue")	LocalParameter("Record_Number")

Parameters

ColumnName

This is the name of the column to search in.

SearchValue




This is the value to be searched for.

Return Values

This keyword returns a record number.


Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	GetRowbySpecialIndex_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partn.Funct",Parameter("Partn_Funct")	
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner",Parameter("Partner")	

GetRowbySpecialOneIndex_TKS

This keyword gets the record number based on the provided search column and search value. This was built for use in F-63 Tax Data Details table.

Item	Operation	Input	Output
 Operation	GetRowbySpecialOneIndex_TKS	Parameter("ColumnName"), Parameter("SearchValue")	LocalParameter("Record_Number")

Parameters

ColumnName

This is the name of the column to search in.

SearchValue




This is the value to be searched for.

Return Values

This keyword returns a record number.


Example

Here is an example of a component that is using this keyword. The order of the steps are to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	GetRowbySpecialOneIndex_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partn.Funct",Parameter("Partn_Funct")	
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner",Parameter("Partner")	

GetRowbyUniqueIndex_TKS

This keyword gets the record number based on the provided search column and search value. This was built for use in FAGLGA35.

Item	Operation	Input	Output
 Operation	GetRowbyUniqueIndex_TKS	Parameter("ColumnName"), Parameter("SearchValue")	LocalParameter("Record_Number")

Parameters

ColumnName

This is the name of the column to search in.

SearchValue




This is the value to be searched for.

Return Values

This keyword returns a record number.


Example

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the Details Lists checkbox based on the value provided in the Detail_Lists column of the datasheet and then to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Next the value in the Cycle column of the datasheet will be entered into the cell in the row saved in the LocalParameter Record_Number and under the Cycle column.

 Operation	SelectCheckboxbyValue_TKS	"Detail Lists";Parameter("Detail_Lists")	
 Operation	GetRowbyUniqueIndex_TKS	Parameter("Search_Column");Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetRow_TKS	LocalParameter("Record_Number");"Cycle";Parameter("Cycle")	

GetStatusBarItem_TKS

This keyword will capture the document no from status bar string message or string itself.

Item	Operation	Input	Output
 Operation	GetStatusBarItem_TKS	Parameter("ItemDesc")	LocalParameter("Doc_Number")




Parameters

ItemDesc

This is the description of what to capture from the statusbar. Use "TEXT" to capture the statusbar message or "1" to capture the document number.


Example

Here is an example of a component that is using this keyword. The order of the steps are to click through any popups that are open and then check any error messages that are on the screen. Then the document number will be captured from the StatusBar.

 Operation	HandlePopupExitRun_TKS	
 Operation	VerifyTransaction_TKS	
 Operation	GetStatusBarItem_TKS	1

GetToSAPEasyAccess_TKS

This keyword returns to the SAP Easy Access page either by logging in or from any other SAP window.

Item	Operation	Input	Output
 Operation	GetToSAPEasyAccess_TKS	Parameter("Server"), Parameter("Client"), Parameter("User"), Parameter("Password")	

Parameters

Server

This is the server name of the SAP application to login to.

Client

This is the client name of the SAP application to login to.

User




This is the user name to login as.

Password

This is the password associated with the user to login as.


Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the values provided in the Cty and Partner_Definitn columns of the datasheet into the cells or the row that was selected and the Cty and Partner Definitn columns of the Display Range SAPGuiTable. The next step is to return to the SAP Easy Access screen by closing any open screens if the application is open or relaunching the application specified by the values in the Server and Client columns of the datasheet and logging in with the values provided in the User and Password columns of the datasheet.

 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Cty",Parameter("Cty")
 Display Range	EnterField_TKS	LocalParameter("Record_Number"),"Partner Definitn",Parameter("Partner_Definitn")
 Operation	GetToSAPEasyAccess_TKS	Parameter("Server"),Parameter("Client"),Parameter("User"),Parameter("Password")




getUnrestrictedTotal_TKS

This keyword captures the unrestricted total from the data in the label. This was built for use in MMBE.

Item	Operation	Input	Output
 Operation	getUnrestrictedTotal_TKS		


Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the values provided in the Material and Material_2 columns in the datasheet into the Material and Material_2 SAPGuiEdit fields. Next the total will be captured from the Unrestricted Total Label.

 Material	Enter_TKS	Parameter("Material")
 Material_2	Enter_TKS	Parameter("Material_2")
 Operation	getUnrestrictedTotal_TKS	

HandleMultiplePopup_TKS

This keyword clicks the Yes or Continue button depending on which button exists on the popup window. This will click through the number of popup that is specified in the NumTimes Parameter. If more popups come up than is specified, the keyword will report an error in the run results.

Item	Operation	Input	Output
 Operation	HandleMultiplePopup_TKS	Parameter("NumTimes")	




Parameters

NumTimes

This is the number of expected popup windows to click through.


Example

Here is an example of a component that is using this keyword. The order of the steps are to click through the number of popups that is specified in the Popup_Num column of the datasheet and then check any error messages that are on the screen. Then the document number will be captured from the StatusBar.

 Operation	HandleMultiplePopup_TKS	Parameter("Popup_Num")
 Operation	VerifyTransaction_TKS	
 Operation	GetStatusBarItem_TKS	"1"




HandlePopupExitRun_TKS

This keyword captures the window title message from a popup window and clicks Yes or Continue button depending on which button exist on the popup window.

Item	Operation	Input	Output
 Operation	HandlePopupExitRun_TKS		


Example

Here is an example of a component that is using this keyword. The order of the steps are to click through any popups that are open and then check any error messages that are on the screen. Then the document number will be captured from the StatusBar.

 Operation	HandlePopupExitRun_TKS		
 Operation	VerifyTransaction_TKS		
 Operation	GetStatusBarItem_TKS	1	




HandleWarnings_TKS

This keyword will click enter if there are any warnings found in the Status Bar to clear the warnings. The warnings will also be captured and reported to the run results.

Item	Operation	Input	Output
 Operation	HandleWarnings_TKS		


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the value provided in the Label_Value column of the datasheet is equal to the value in the label under the column provided in the Search_Coulmn column of the datasheet. Then the checkbox in the row that contains the label with the value provided in the Search_Label column of the datasheet that is under the column provided in the Search_Column_2 column of the datasheet will be selected. Next, if there are any warnings in the Status Bar, the enter button will be clicked to clear the warnings.

 Operation	VerifyLabel_TKS	Parameter("Label_Value"),Parameter("Search_Column")
 Operation	SelectCheckboxGuiLabel_TKS	Parameter("Search_Label"),Parameter("Search_Column_2")
 Operation	HandleWarnings_TKS	

JobNameChange_TKS

This keyword replaces the ? mark in the job name with the specified text.

Item	Operation	Input	Output
 Operation	JobNameChange_TKS	Parameter("str1")	




Parameters

str1

This is the job name to replace the ? mark with.



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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Next the name of the Job will be changed to the value provided in the Job_Name column of the datasheet.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Display Range	Select_TKS	Parameter("Display_Range")
 Operation	JobNameChange_TKS	Parameter("Job_Name")

ObjectPropertyCheck_TKS

This keyword captures the specified property of the SAPGuiWindow and compares it with an expected value.

Item	Operation	Input	Output
 SAPGuiWindow		Parameter("PropertyName"),	
 SAPStatusBar	ObjectPropertyCheck_TKS	Parameter("ExpectedValue")	

Parameters

PropertyName




This is the property of the window to verify.

ExpectedValue




This is the expected value of the object property.

Example

Here is an example of a component that is using this keyword. The order of the steps are to capture the value of the SAPGuiWindow property that is specified in the Property column of the datasheet and verify that is equal to the value provided in the Expected_Value column of the datasheet. Then the Import into bank data checkbox and the PC upload checkbox will be checked or unchecked based on the values in the Import_into_bank_data and PC_upload columns in the datasheet.


 FLB2 Import Main Lockbox Program	ObjectPropertyCheck_TKS	Parameter("Property"),Parameter("Expected_Value")
 <input checked="" type="checkbox"/> Import into bank data	Select_TKS	Parameter("Import_into_bank_data")
 <input checked="" type="checkbox"/> PC upload	Select_TKS	Parameter("PC_upload")

Here is an example of a component that is using this keyword. The order of the steps are to click through any popup messages and then verify any error messages that have come up. Then the value provided in the Status_Message column of the datasheet will be verified against the text property of the StatusBar.

 Operation	HandlePopupExitRun_TKS	
 Operation	VerifyTransaction_TKS	
 StatusBar	ObjectPropertyCheck_TKS	"text",Parameter("Status_Message")

PseudoIteration_TKS

This keyword enters data into an editbox and selects the associated checkbox based on the specified period. This was built for use in MP30.

Item	Operation	Input	Output
 Operation	PseudoIteration_TKS	Parameter("Period"), Parameter("EditboxValue")	

Parameters

Period




This is the value of the period.

EditboxValue

This is the value to enter into the Edit box.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Next the period that is provided in the Period column of the datasheet will be searched for. The value from the Editbox_Value column in the datasheet will be entered into the editbox next to the found Period and the corresponding checkbox will also be selected.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Display Range	Select_TKS	Parameter("Display_Range")
 Operation	Pseudolteration_TKS	Parameter("Period"),Parameter("Editbox_Value")

PseudoTableIteration_TKS

This keyword calculates the rownumber based on the number of iterations and then enters a value based on the calculated "id" property.

Item	Operation	Input	Output
 Operation	PseudoTableIteration_TKS	Parameter("IterationNumber"), Parameter("EditboxName"), Parameter("EditboxValue")	

Parameters

IterationNumber

This is the number of iterations.

EditboxName




This is the name of the edit box.

EditboxValue

This is the value to enter into the edit box.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Next the value in the Editbox_Value column of the datasheet will be entered into the Editbox with the name that is provided in the Editbox column of the datasheet and the row that is determined from the value provided in the Iteration_Number column of the datasheet.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Display Range	Select_TKS	Parameter("Display_Range")
 Operation	PseudoTableIteration_TKS	Parameter("Iteration_Number"),Parameter("Editbox"),Parameter("Editbox_Value")

SelectActivateNode_TKS

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

Item	Operation	Input	Output
 SAPGuiTree	SelectActivateNode_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. The order of the steps are to verify any error messages that are on the screen and then drill down the path in the TableTreeControl that is provided in the Menu_Path column of the datasheet. When the path has been followed, the last node of the path will be activated. Then the value provided in the Status_Message column of the datasheet will be verified against the text property of the StatusBar.

 Operation	VerifyTransaction_TKS	
 TableTreeControl	SelectActivateNode_TKS	Parameter("Menu_Path")
 StatusBar	ObjectPropertyCheck_TKS	"text",Parameter("Status_Message")

SelectActivateNodebyIndex_TKS

This keyword selects and activates a node in a sagguitree.

Item	Operation	Input	Output
 Operation	SelectActivateNodebyIndex_TKS	Parameter("DataValue"), Parameter("Index")	

Parameters

DataValue




This is the data value of the node to activate.

index

This is the index value of the node to activate.


Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the value that is in the Unit_of_Measure column of the datasheet into the Unit of Measure SAPGuiEdit field. Next the last node indicated in the path provided in the Tabel_Tree_Control column of the datasheet will be activated. Then the node name and with the index that are provided in the Node and Index columns of datasheet will be selected and activated.

 Unit of Measure	Enter_TKS	Parameter("Unit_of_Measure")
 TableTreeControl	SelectActivateNode_TKS	Parameter("Table_Tree_Control")
 Operation	SelectActivateNodebyIndex_TKS	Parameter("Node"),Parameter("Index")

SelectBatch_TKS

This keyword selects a batch based on the Material and Batch Name in the sapguitree in the selection result window. This was built for use in MSC5N.

Item	Operation	Input	Output
 Operation	SelectBatch_TKS	Parameter("Material"), Parameter("BatchName")	

Parameters

Material




This is the material name.

BatchName

This is the batch name.


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 Outgoing_payment and Incoming_payment columns of the datasheet into the Outgoing payment and Incoming payment SAPGuiEdit fields. Then the batch that has the Batch Name and Material values that are provided in the Material and Batch_Name columns of the datasheet will be selected.

 Outgoing payment	Enter_TKS	Parameter("Outgoing_payment")
 Incoming payment	Enter_TKS	Parameter("Incoming_payment")
 Operation	SelectBatch_TKS	Parameter("Material"),Parameter("Batch_Name")

SelectCell_TKS

This keyword selects or clicks a cell in a table based on a specified row and column.

Item	Operation	Input	Output
 SAPGuiTable	SelectCell_TKS	Parameter("row"), Parameter("col")	

Parameters

row




This is the row value of the cell to select.

col

This is the column value of the cell to select.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the cell that is under the Status column and is in the row number that was saved into the LocalParameter Record_Number. Then the values provided in the G_L_acct and Short_Text columns of the datasheet will be entered into the cells or the row that was selected and the G/L acct and Short Text columns of the Items SAPGuiTable.

 Items	SelectCell_TKS	LocalParameter("Record_Number"),"Status"
 Items	EnterField_TKS	LocalParameter("Record_Number"),"G/L acct",Parameter("G_L_acct")
 Items	EnterField_TKS	LocalParameter("Record_Number"),"Short Text",Parameter("Short_Text")

SelectcheckBox_TKS

This keyword selects a checkbox based on its label or the corresponding SAPedit box label.

Item	Operation	Input	Output
 Operation	SelectcheckBox_TKS	Parameter("CheckboxLabel")	




Parameters

CheckboxLabel

This is the label of the checkbox or associated SAPedit box


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the checkbox with the label name that is provided in the Checkbox_Label column of the datasheet will be selected. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectcheckBox_TKS	Parameter("Checkbox_Label")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectCheckBoxbyValue_TKS

This keyword selects or deselects a based on the provided label and value.

Item	Operation	Input	Output
 Operation	SelectCheckBoxbyValue_TKS	Parameter("CheckboxLabel"), Parameter("CheckboxValue")	

Parameters

CheckboxLabel




This is the label of the checkbox.

CheckboxValue

This is the status of the checkbox. Use <ON> or <OFF>.


Example

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the Details Lists checkbox based on the value provided in the Detail_Lists column of the datasheet and then to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Next the value in the Cycle column of the datasheet will be entered into the cell in the row saved in the LocalParameter Record_Number and under the Cycle column.

 Operation	SelectCheckBoxbyValue_TKS	"Detail Lists",Parameter("Detail_Lists")	
 Operation	GetRowbyUniqueIndex_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetRow_TKS	LocalParameter("Record_Number"),"Cycle",Parameter("Cycle")	

SelectEditCheckBox_TKS

This keyword checks or unchecks a checkbox. The checkbox is found by the adjacent editbox label because some checkboxes do not have attached text.

Item	Operation	Input	Output
 Operation	SelectEnterCheckBox_TKS	Parameter("CheckboxLabel"), Parameter("CheckboxValue")	

Parameters

CheckboxLabel




This is the label of the editbox to search for.

CheckboxValue

This is the status of the checkbox. Use <ON> or <OFF>.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the checkbox next the SAPGuiEdit with the label that is provided in the Label column of the datasheet will be checked or unchecked based on the value provided in the Checkbox_Value column of the datasheet. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectEditCheckBox_TKS	Parameter("Label"),Parameter("Checkbox_Value")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectCheckboxGuiLabel_TKS

This keyword finds the label provided under the column that is provided and then selects the checkbox that is in the same row.

Item	Operation	Input	Output
 Operation	SelectBatch_TKS	Parameter("LabelContent"), Parameter("SearchColumn")	

Parameters

LabelContent




This is the label to search for.

SearchColumn

This is the column under which the label value will be found.


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the value provided in the Label_Value column of the datasheet is equal to the value in the label under the column provided in the Search_Coulmn column of the datasheet. Then the checkbox in the row that contains the label with the value provided in the Search_Label column of the datasheet that is under the column provided in the Search_Column_2 column of the datasheet will be selected. Next, if there are any warnings in the Status Bar, the enter button will be clicked to clear the warnings.

 Operation	VerifyLabel_TKS	Parameter("Label_Value"),Parameter("Search_Column")
 Operation	SelectCheckboxGuiLabel_TKS	Parameter("Search_Label"),Parameter("Search_Column_2")
 Operation	HandleWarnings_TKS	

SelectLabel_TKS

This keyword selects the label with the provided value under the specified search column.

Item	Operation	Input	Output
 Operation	SelectBatch_TKS	Parameter("LabelContent"), Parameter("SearchColumn")	

Parameters

LabelContent

This is the label to be selected.

SearchColumn

This is the column under which the label value will be found and selected.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the SAPGuiLabel with the value provided in the Search_Label column of the datasheet that is under the column provided in the Search_Column column of the datasheet. Then the label that is selected will be double clicked. Next the value in the status bar will be verified against the value provided in the Status_Message column of the datasheet.

 Operation	SelectLabel_TKS	Parameter("Search_Label"),Parameter("Search_Column")
 Operation	DoubleClick_TKS	
 Operation	VerifyStatusBar_TKS	Parameter("Status_Message")

SelectLabelCheckBox_TKS

This keyword checks or unchecks a checkbox. The checkbox is found by its label because some checkboxes do not have attached text.

Item	Operation	Input	Output
 Operation	SelectLabelCheckBox_TKS	Parameter("CheckboxLabel"), Parameter("CheckboxValue")	

Parameters

CheckboxLabel




This is the label of the checkbox.

CheckboxValue

This is the status of the checkbox. Use <ON> or <OFF>.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the checkbox with the label name that is provided in the Checkbox_Label column of the datasheet will be checked or unchecked based on the value that is provided in the Checkbox_Value column of the datasheet. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectLabelCheckBox_TKS	Parameter("Checkbox_Label"),Parameter("Checkbox_Value")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectNextLabel_TKS

This keyword finds the row based on a search value, captures its id property and selects the next row.

Item	Operation	Input	Output
 Operation	SelectNextLabel_TKS	Parameter("SearchValue")	




Parameters

SearchValue

This is the value to be searched for.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the row with label name that is provided in the Search_Value column of the datasheet will be found and the next row will be selected. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectNextLabel_TKS	Parameter("Search_Value")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectRadioButton_TKS

This keyword selects a radio button by its attached text property or dynamic id index value.

Item	Operation	Input	Output
 Operation	SelectRadioButton_TKS	Parameter("RadioButtonName")	




Parameters

RadioButtonName

This is the name of the radio button to select.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the RadioButton that is provided in the RadioButton column of the datasheet will be selected. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectRadioButton_TKS	Parameter("RadioButton")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectRadioButtonbyAdjacentLabel_TKS

This keyword selects a radio button by its adjacent label and is applicable when there is no associated attached text or tooltip value available for it.

Item	Operation	Input	Output
 Operation	SelectRadioButtonbyAdjacentLabel_TKS	Parameter("AdjacentRadioButtonLabel")	




Parameters

AdjacentRadioButtonLabel

This is the adjacent label of the radio button.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the RadioButton that is next to the label that is provided in the Label column of the datasheet will be selected. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectRadioButtonbyAdjacentLabel_TKS	Parameter("Label")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectRadioButtonbyAdjacentLabelEnterValue_TKS

This keyword selects a radiobutton by its adjacent label and enters data into the corresponding sapgui editbox.

Item	Operation	Input	Out
 Operation	SelectRadioButtonbyAdjacentLabelEnterValue_TKS	Parameter("AdjacentRadioButtonLabel"), Parameter("EditboxValue")	

Parameters

AdjacentRadioButtonLabel




This is the label adjacent to the Radio Button.

EditboxValue

This is the value to enter into the editbox.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the RadioButton that is next to the label that is provided in the Label column of the datasheet will be selected and the value in RadioButton_Edit column of the datasheet will be entered into the editbox next to the radiobutton. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectRadioButtonbyAdjacentLabelEnterValue_TKS	Parameter("RadioButton"),Parameter("RadioButton_Edit")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectRadioButtonbyLabelindex_TKS

This keyword selects a RadioButton by the label and index. This was built for use in MD63.

Item	Operation	Input	Output
 Operation	SelectRadioButtonbyLabelindexLabel_TKS	Parameter("RadioButtonLabel"), Parameter("index")	

Parameters

RadioButtonLabel




This is the label of the radiobutton to select.

index

This is the index of the radiobutton to select.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the RadioButton that is next to the label index that are provided in the Label and Index columns of the datasheet will be selected. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectRadioButtonbyLabelindex_TKS	Parameter("RadioButton").Parameter("Index")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectRadioButtonEnterValue_TKS

This keyword selects a radio button by its attached text property and enters the associated SAPedit box value based on its edit box name.

Item	Operation	Input	Output
 Operation	SelectRadioButtonEnterValue_TKS	Parameter("RadioButtonLabel"), Parameter("EditboxName"), Parameter("EditboxValue")	

Parameters

RadioButtonLabel

This is the attached text property of the radio button.

EditboxName




This is the name of the edit box to enter data into.

EditboxValue

This is the value to be entered in specified edit box.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field. Next the RadioButton with the label that is provided in the RadioButton_Label column of the datasheet and that is next to the SAPGuiEdit field that is provided in the RadioButton_Editbox column of the datasheet will be selected and the value in RadioButton_Editbox_Value column of the datasheet will be entered into the editbox next to the radiobutton. Then, select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Operation	SelectRadioButtonEnterValue_TKS	Parameter("RadioButton_Label"),Parameter("RadioButton_Editbox"),Parameter("RadioButton_Editbox_Value")
 Display Range	Select_TKS	Parameter("Display_Range")

SelectRow_TKS

This keyword selects a row in a table based on the row number that is determined by the AddEditLine step.

Item	Operation	Input	Output
 SAPGuiTable	SelectRow_TKS	Parameter("RecordNumber")	



Parameters

RecordNumber

This is the row value of the table to select.


Example

Here is an example of a component that is using this keyword. The order of the steps are to enter the values that are provided in the Description and Item columns of the datasheet into the Description and Item columns in the Item SAPGuiTable in the row provided by the LocalParameter("Record_Number"). Then the row provided by the LocalParameter("Record_Number") will be selected.

 Release_Purchase_Requisition_Item_Overview_Table	EnterField_TKS	LocalParameter("Record_Number"), "Description", Parameter("Description")
 Release_Purchase_Requisition_Item_Overview_Table	EnterField_TKS	LocalParameter("Record_Number"), "Item", Parameter("Item")
 Release_Purchase_Requisition_Item_Overview_Table	SelectRow_TKS	LocalParameter("Record_Number")

SelectSAPGUITreeCheckBox_TKS

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

Item	Operation	Input	Output
 TableTreeControl	SelectSAPGUITreeCheckBox_TKS	Parameter("Path"), Parameter("CheckBoxLabel"), Parameter("CheckBoxValue")	

Parameters

Path

This is the path of the node of the SAPGuiTree where the checkbox is present. For eg. #1#2

CheckBoxLabel




This is the text of the item in the SAPGuiTree.

CheckBoxValue

This is the value to set the checkbox to. For Eg. **ON** or **OFF**


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the the Cancel Process Order screen is open. Then the Checkbox with the label that is provided in the CheckBoxLabel column of the datasheet under the tree path provided in the Path column of the datasheet will be set to the value that is provided in the CheckBoxValue column of the datasheet. Next a screenshot will be taken of the Cancel Process Order screen.

 Cancel Process Orde...	VerifyExists_TKS		
 TableTreeControl	SelectSAPGUITreeCheckBox_TKS	Parameter("Path"),Parameter("CheckBoxLayout"),Parameter("CheckBoxValue")	
 Cancel Process Orde...	CaptureScreenClip_TKS	"CORS Cancel Process Order Confirmat"	

SelectSapGuiTreeItem_TKS

This keyword selects an item in an sapguitree object.

Item	Operation	Input	Output
 Operation	SelectSapGuiTreeItem_TKS	Parameter("SearchValue")	




Parameters

SearchValue

This is the value in the sapguitree to select.


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 verify that the FB60 Enter Vendor Invoice Tree screen is open. Then the value in the SAPGuiTree that is provided in the Table_Tree_Control column of the datasheet will be selected.

 Operation	LoadData	
 FB60 Enter Vendor Invoice Tree	VerifyExists_TKS	
 Operation	SelectSapGuiTreeItem_TKS	Parameter("Table_Tree_Control")

SelectTabstripItembyIndex_TKS

This keyword selects the specified tab from the tab strip by the index of the tab.

Item	Operation	Input	Output
 Operation	SelectTabstripItembyIndex_TKS	Parameter("Index")	




Parameters

Index

This is the index value of the tab to select.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select a tab based on the index that is provided in the Index column of the datasheet. Then the values that are in the Standard_Order and Purchase_order_no columns of the datasheet will be entered into the Standard Order and Purchase order no. SAPGuiEdit fields.

 Operation	SelectTabstripItembyIndex_TKS	Parameter("Index")
 Standard Order	Enter_TKS	Parameter("Standard_Order")
 Purchase order no.	Enter_TKS	Parameter("Purchase_order_no")

SelectTabstripItemMultipleStrips_TKS

This keyword selects a tab from the tabstrip with the given index when there are multiple tabstrips in the window.

Item	Operation	Input	Output
 Operation	SelectTabstripItemMultipleStrips_TKS	Parameter("TabLabel"), Parameter("index")	

Parameters

TabLabel




This is the label of tab to select.

index

This is the index value of the tabstrip where the tab to select is located.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the tab that is provided in the Tab_Label column of the datasheet from the tabstrip with the index that is provided in the Index column of the datasheet. Then the values that are in the Standard_Order and Purchase_order_no columns of the datasheet will be entered into the Standard Order and Purchase order no. SAPGuiEdit fields.

 Operation	SelectTabstripItemMultipleStrips_TKS	Parameter("Tab_Label"),Parameter("Index")
 Standard Order	Enter_TKS	Parameter("Standard_Order")
 Purchase order no.	Enter_TKS	Parameter("Purchase_order_no")

SelectVerifyanotherGuiLabel_TKS

This keyword selects a specified label and then verifies that there is another label with a specified value in the same row.

Item	Operation	Input	Output
 Operation	SelectVerifyanotherGuiLabel_TKS	Parameter("SearchColumn"), Parameter("SearchValue"), Parameter("VerifyValue")	

Parameters

SearchColumn

This is the column to search for the SearchValue under.

SearchValue




This is the value to search for under the SearchColumn column.

VerifyValue

This is the value to verify in the same row as the label under the SearchColumn with the SearchValue.


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the Input Type SAPGuiCombobox is non-blank and then verify that the Cost Elem. SAPGuiEdit is non-blank. Then the label with the value provided in the Search_Value column of the datasheet will be searched for under the column provided in the Search_Column column of the datasheet and the value provided in the Verify_Value column of the datasheet will be found in the same row.

 Input Type	VerifyDefault_TKS	
 Cost Elem.	VerifyDefault_TKS	
 Operation	SelectVerifyanotherGuiLabel_TKS	Parameter("Search_Column"),Parameter("Search_Value"),Parameter("Verify_Value")

SelectVerifyTabstripItem_TKS

This keyword selects a tab from a tabstrip and verifies the Tabstrip item.

Item	Operation	Input	Output
 Operation	SelectVerifyTabstripItem_TKS	Parameter("TabLabel")	




Parameters

TabLabel

This is the label of the tab.


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify the KA0x Create Cost Element Basic Data Tab screen is open and then select the Basic Data Tab and verify it is selected. Then the value in the Name column of the datasheet will be entered into the Name SAPGuiEdit field.

 KA0x Create Cost Element: Basic Data Tab	VerifyExists_TKS	
 Operation	SelectVerifyTabstripItem_TKS	"Basic Data"
 Name	Enter_TKS	Parameter("Name")

Sendfunctionkey_TKS

This keyword sets data by a keyboard keystroke. This was built for use in VA01.

Item	Operation	Input	Output
 Operation	Sendfunctionkey_TKS	Parameter("keyvalue")	




Parameters

keyvalue

This is the keyboard value to send.


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 Sold_to_party column of the datasheet into the Sold-to party SAPGuiEdit field and then select the value that is provided in the Display_Range column of the datasheet from the list of the Display Range SAPGuiComboBox. Then the function key that is provided in the Key_Value column of the datasheet will be sent to the application.

 Sold-to party	Enter_TKS	Parameter("Sold_to_party")
 Display Range	Select_TKS	Parameter("Display_Range")
 Operation	Sendfunctionkey_TKS	Parameter("Key_Value")

Sendkey_TKS

This keyword sets the focus to the specified column and then sends a specified keyboard stroke. This was built for use in VA01.

Item	Operation	Input	Output
 Operation	Sendkey_TKS	Parameter("SearchColumn"), Parameter("keyTosend")	

Parameters

SearchColumn




This is the column name.

keyTosend

This is the input value from keyboard.


Example

Here is an example of a component that is using this keyword. The order of the steps are to set the focus on the column that is provided in the Search_Column column of the datasheet and then send the function key that is provided in the Key_Value column of the datasheet. Then the values provided in the Partn_Funct and Partner columns of the datasheet will be entered into the cells or the row that was selected and the Partn. Funct and Partner columns of the Display Range SAPGuiTable.

 Operation	Sendkey_TKS	Parameter("Search_Column"),Parameter("Key_Value")
 Display Range	EnterField_TKS	LocalParameter("Record_Number")."Partn.Funct.",Parameter("Partn_Funct")
 Display Range	EnterField_TKS	LocalParameter("Record_Number")."Partner",Parameter("Partner")

SetRow_TKS

This keyword enters data into a cell in a table based on the provided row and column. This was built for use in F-41 and F-44.

Item	Operation	Input	Output
 Operation	SetRow_TKS	Parameter("row"), Parameter("ColumnName"), Parameter("DataValue")	

Parameters

row

This is the row number of the cell to enter data into.

ColumnName




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

DataValue

This is the value to enter into the cell.


Example

Here is an example of a component that is using this keyword. The order of the steps are to check or uncheck the Details Lists checkbox based on the value provided in the Detail_Lists column of the datasheet and then to find the cell that is under the column provided in the Search_Column column of the datasheet and contains the value provided in the Search_Value column of the datasheet. When that cell is found, the row will be selected and the row number will be saved into the LocalParameter Record_Number. Next the value in the Cycle column of the datasheet will be entered into the cell in the row saved in the LocalParameter Record_Number and under the Cycle column.

 Operation	SelectCheckboxbyValue_TKS	"Detail Lists",Parameter("Detail_Lists")	
 Operation	GetRowbyUniqueIndex_TKS	Parameter("Search_Column"),Parameter("Search_Value")	LocalParameter("Record_Number")
 Operation	SetRow_TKS	LocalParameter("Record_Number"),"Cycle",Parameter("Cycle")	

ValidateCurrentJobStatus_TKS

This keyword validates if the current executed job has achieved the desired status in the given amount of time. This was built for use in F110.

Item	Operation	Input	Output
 Operation	ValidateCurrentJobStatus_TKS	Parameter("status"), Parameter("giventime")	

Parameters

status




This is the status value to validate.

giventime

This is the time in seconds to wait for the status to change to the desired value.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the Status Tab and verify that the F110 Automatic Payment Status Tab screen is open. Then the Job status will be verified against the provided value in the Status column of the datasheet. The execution will wait for the status to change for the number of seconds provided in the Wait_Time column of the datasheet.

 Status	Select_TKS	"Status"
 F110 Automatic Pay...	VerifyExists_TKS	
 Operation	ValidateCurrentJobStatus_TKS	Parameter("Status"),Parameter("WaitTime")




VerifyDebitEqualsCredit_TKS

This keyword verifies if the Debit amount is equal to the Credit amount. This was built for use in all AP and AR display overview components.

Item	Operation	Input	Output
 Operation	VerifyDebitEqualsCredit_TKS		


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 Amount and Amount_in_LC columns of the datasheet into the Amount and Amount in LC SAPGuiEdit fields. Then the Debit and Credit amounts will be checked to verify that they are equal.

 Amount	Enter_TKS	Parameter("Amount")
 Amount in LC	Enter_TKS	Parameter("Amount_in_LC")
 Operation	VerifyDebitEqualsCredit_TKS	




VerifyDisplayAmount_TKS

This keyword verifies if the Total Amount is equal 0,00. This was built for all AP and AR display overview components.

Item	Operation	Input	Output
 Operation	VerifyDisplayAmount_TKS		


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 Run_On_ID and Snd_CC columns of the datasheet into the Run On ID and Snd. CC SAPGuiEdit fields. Then the Total Amount field will be checked to verify that it is equal to 0,00.

 Run On ID	Enter_TKS	Parameter("Run_On_ID")
 Snd. CC	Enter_TKS	Parameter("Snd_CC")
 Operation	VerifyDisplayAmount_TKS	




VerifyErrorField_TKS

This keyword verifies whether Errors are present in the Error Field. This was built for use in KO88.

Item	Operation	Input	Output
 Operation	VerifyErrorField_TKS		


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the value that is in the Tax_amount column of the datasheet from the list in the Tax amount SAPGuiComboBox field and then enter the value from the Text column of the datasheet into the Text SAPGuiEdit field. Then errors will be checked for in the Error field.

 Tax amount	Select_TKS	Parameter("Tax_amount")
 Text	Enter_TKS	Parameter("Text")
 Operation	VerifyErrorField_TKS	

VerifyEnter_TKS

This keyword enters data if a window exists. This was built for use in FB60 and FB65.

Item	Operation	Input	Output
 Operation	VerifyEnter_TKS	Parameter("DataVal")	




Parameters

DataVal

This is the data value to enter into the window.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the value that is provided in the Transactn column of the datasheet from the list in the Transactn SAPGuiComboBox field. Next the value in the Bal column of the datasheet will be entered into the Bal. SAPGuiEdit field. Then the value in the Text column of the datasheet will be entered.

 Transactn	Select_TKS	Parameter("Transactn")
 Bal.	Enter_TKS	Parameter("Bal")
 Operation	VerifyEnter_TKS	Parameter("Text")

VerifyExistsWithTimeout_TKS

This keyword verifies that a specific SAPwindow opens within a specified time.

Item	Operation	Input	Output
 SAPGuiWindow	VerifyExistsWithTimeout_TKS	Parameter("waitTime")	




Parameters

waitTime

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


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the FLB2 Import Main Lockbox Program is open within the time provided in the Wait_Time column of the datasheet. Then the Import into bank data checkbox and the PC upload checkbox will be checked or unchecked based on the values in the Import_into_bank_data and PC_upload columns in the datasheet.

 FLB2 Import Main Lockbox Program	VerifyExistsWithTimeout	Parameter("Wait_Time")
 <input checked="" type="checkbox"/> Import into bank data	Select_TKS	Parameter("Import_into_bank_data")
 <input checked="" type="checkbox"/> PC upload	Select_TKS	Parameter("PC_upload")

VerifyLabel_TKS

This keyword finds the SAPGuiLabel to verify under the provided search column and verifies the value in the label.

Item	Operation	Input	Output
 Operation	VerifyLabel_TKS	Parameter("VerifyValue"), Parameter("SearchColumn")	

Parameters

VerifyValue




This is the label value that will be verified.

SearchColumn

This is the column under which the label value will be found and verified.


Example

Here is an example of a component that is using this keyword. The order of the steps are to verify that the value provided in the Label_Value column of the datasheet is equal to the value in the label under the column provided in the Search_Coulmn column of the datasheet. Then the checkbox in the row that contains the label with the value provided in the Search_Label column of the datasheet that is under the column provided in the Search_Column_2 column of the datasheet will be selected. Next, if there are any warnings in the Status Bar, the enter button will be clicked to clear the warnings.

 Operation	VerifyLabel_TKS	Parameter("Label_Value"),Parameter("Search_Column")
 Operation	SelectCheckboxGuiLabel_TKS	Parameter("Search_Label"),Parameter("Search_Column_2")
 Operation	HandleWarnings_TKS	

VerifyQuantity_TKS

This keyword verifies if the Order "Qty" from the sales order is less than the "Open Qty". This was built for use in VA01.

Item	Operation	Input	Output
 Operation	VerifyQuantity_TKS	Parameter("OrderQty")	




Parameters

OrderQty

This is the order quantity to verify against the Open Qty.


Example

Here is an example of a component that is using this keyword. The order of the steps are to select the value that is in the Tax_amount column of the datasheet from the list in the Tax amount SAPGuiComboBox field and then enter the value from the Text column of the datasheet into the Text SAPGuiEdit field. Then the value in the Order_Quantity column of the datasheet will be compared to the Open Qty to verify that the Order_Quantity is less than the Open Qty.

 Tax amount	Select_TKS	Parameter("Tax_amount")
 Text	Enter_TKS	Parameter("Text")
 Operation	VerifyQuantity_TKS	Parameter("Order_Quantity")

VerifyStatusBar_TKS

This keyword verifies that the message in the status bar is equal to the provided expected value.

Item	Operation	Input	Output
 Operation	VerifyStatusBar_TKS	Parameter("ExpectedValue")	

Parameters

ExpectedValue

This is the value of the message which needs to be verified in the status bar.

Example

Here is an example of a component that is using this keyword. The order of the steps are to select the SAPGuiLabel with the value provided in the Search_Label column of the datasheet that is under the column provided in the Search_Column column of the datasheet. Then the label that is selected will be double clicked. Next the value in the status bar will be verified against the value provided in the Status_Message column of the datasheet.

 Operation	SelectLabel_TKS	Parameter("Search_Label"),Parameter("Search_Column")
 Operation	DoubleClick_TKS	
 Operation	VerifyStatusBar_TKS	Parameter("Status_Message")