How to Restart SAP Workflow

There are situations in a support project, where a workflow will fail in error status. This may be due to not maintaining the required data in some table. After maintaining the data correctly you may need to restart the workflow again. Now we can see how to restart SAP Workflow. Below are the two ways on how to restart a SAP workflow.

Re-start a workflow from SWPR transaction.

A workflow can be re-started if it is in "Error" status.

Goto **SWIA** and get the Workflow ID

1. Go to T-Code – **SWPR**
Below   is   the   screen   of   SWPR

2. Enter the Workflow ID in the "Identification" field

3. Select the workflow line and click on Restart workflow button.

The workflow is restarted after error successfully.

Now we can see how to create a workflow with the help of **SAP_WAPI_CREATE_EVENT** function module. We can also restart a workflow with a different initiator with this function module. Here we can also trigger a workflow which is not in error status.

1. Go to SE37 transaction and enter the function module name and execute.
Function Module : **SAP_WAPI_CREATE_EVENT**

2. The below screen will be displayed.

Test Function Module: Initial Screen

Debugging   Test data directory

Test for function group	SWRR
Function module	SAP_WAPI_CREATE_EVENT
Uppercase/Lowercase	☐

RFC target sys:

Import parameters	Value
OBJECT_TYPE	
OBJECT_KEY	
EVENT	
COMMIT_WORK	X
EVENT_LANGUAGE	EN
LANGUAGE	EN
USER	
IFS_XML_CONTAINER	

Tables	Value
INPUT_CONTAINER	0 Entries
MESSAGE_LINES	0 Entries
MESSAGE_STRUCT	0 Entries

3. To get the OBJECT_TYPE, open the workflow in SWIA transaction. Select the work item and click on "Display work item container" you can find the Object type starting with BUS*****.

Process Work Item As Administrator (1 Entry)

CP1(1)/500 Display Container Instance

Expression	Values
_Adhoc_Objects	< Not Set >
_Attach_Objects	< Not Set >
_Wf_Initiator	
_Wf_Priority	5
_Wi_Group_ID	< No Instance >
_Workitem	FLOWITEM:000026190014
_Wf_Version	0014
_Predecessor_Wi	< No Instance >
End_Flag	
CustComplaintOrder	BUS2094 0061077099
SalesDocument	< Not Set >

4. The other details are as below,

 – OBJECT_KEY is the complete key with the zeros padded (Example: document number or customer number)

 – EVENT will be the status (CREATED or STARTED etc)

 – USER will be the initiators User id. Here we have the provision to change the

existing initiator to a new initiator.

– Other details will be populated automatically.

Test Function Module: Initial Screen

 ⊕ ⊕ Debugging   Test data directory

Test for function group	SWRR
Function module	SAP_WAPI_CREATE_EVENT
Uppercase/Lowercase	☐

RFC target sys:

Import parameters	Value
OBJECT_TYPE	BUS2094
OBJECT_KEY	0061075005
EVENT	CREATED
COMMIT_WORK	X
EVENT_LANGUAGE	EN
LANGUAGE	EN
USER	USER ID
IFS_XML_CONTAINER	

Tables	Value
INPUT_CONTAINER	▥ 0 Entries
MESSAGE_LINES	▥ 0 Entries
MESSAGE_STRUCT	▥ 0 Entries

5. Execute the function module.

This process will create a new workflow item.