

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

A screenshot of the SAP SWPR transaction screen. The title bar reads 'Workflow Restart After Error'. The screen is divided into several sections. The first section is 'Workflow work item', which contains three rows of data: 'Identification' with a yellow highlighted input field, 'Created On' with the date '09.06.2016', and 'Creation time' with the time '00:00:00'. Each row has a 'to' field and a yellow arrow button. The second section is 'Task ID', which contains a 'Multistep task' input field and a yellow arrow button. The third section is 'Technical settings', which contains a checkbox labeled 'Restart immediately'.

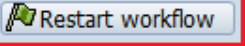
2. Enter the Workflow ID in the "Identification" field

Workflow work item

Identification to 

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

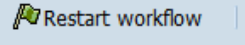
Workflow Restart After Error

 Restart workflow (F5)

Workflow Restart After Error


ID	Flag	Text	Status	Creation Date	Creation time
15793322		Check credit memo request 61070763	STARTED	30.07.2015	13:56:18

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ID	Flag	Text	Status	Creation Date	Creation time
15793322	✓	Check credit memo request 61070763	STARTED	30.07.2015	13:56:18

"Restart after error" function has been executed 


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.

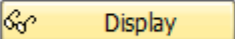
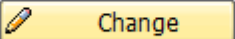
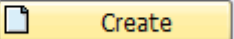
1. Go to SE37 transaction and enter the function module name and execute.

Function Module : SAP_WAPI_CREATE_EVENT

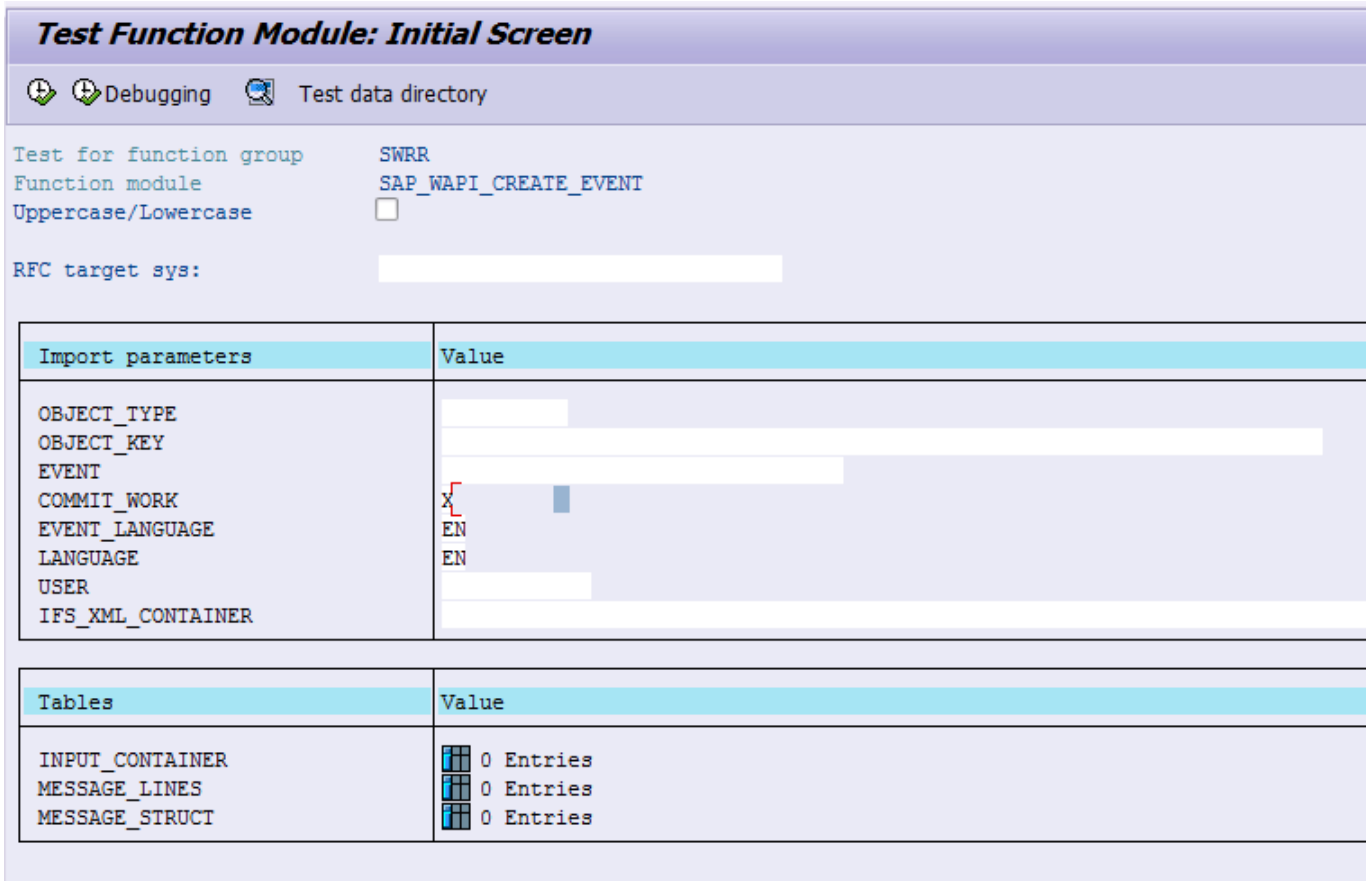
Function Builder: Initial Screen

 Test/Execute (F8)

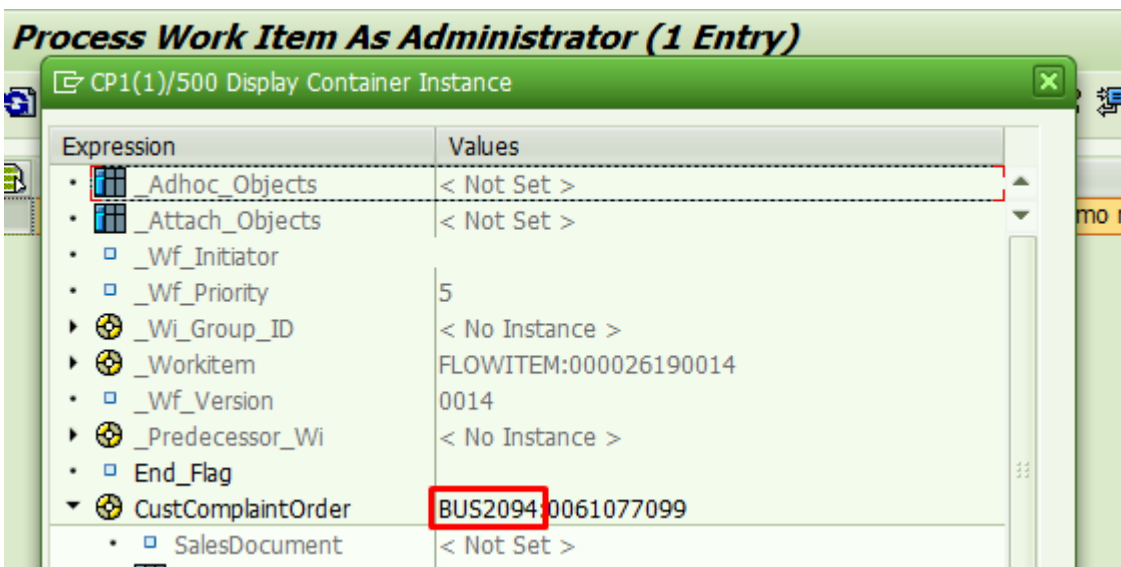
Function Module

 Display  Change  Create

2. The below screen will be displayed.



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*****.



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.