

Usage of Tcode SWEC in SAP Business Workflow

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[bhavik mehta](#) 2013-7-4 上午9:16

Hi,

I am trying to understand how to link SAP workflow event with a change document details.

I know how to create a change document TCODE SCDO and all , what ai am not able to understand is how does workflow recognize what is the key for the event to be triggered.

for e.g i have a customClass name Z_CL BUS2032 fof sales order for which i have a event called create, which i trigger using explicit trigger from program and i link a customize workflow to this event in the event linkage tcode SWE2 to start a workflow.

Now assume i have a case where if billing block (VBAK-FAKSK) is changed to 01 then logically delete the existing workflow and trigger a new workflow.

So in order to cater to above requirement i use SWEC tcode and use ONCHAGE action and have a event DELETE for Z_CL BUS2032 class, but now my question is how does it determine the key because in SWEC we dont enter the key.

can anyone help me for the above scenario.

Any e.g doc for SWEC usage would be much appreciated.

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[Sireesh Kuppireddi](#) 2013-7-5 下午5:49 ([回复 bhavik mehta](#))

The key is determined by the business object used and the change document. For eg. the change document for FI Document and BO BKPF have same key, buksr, belnr and gjahr.

Also you need a Business object created in SWO1 to use SWEC. The Business objects can have methods calling custom class. Make sure the key for business object and the table used in SCDO have same key.

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[bhavik mehta](#) 2013-7-19 下午2:29 ([回复 bhavik mehta](#))

Hi,

I tried the steps mentioned above , but it still did not work.so basically below is what i did.

1. I creaetd a workflow based class Z_TEST_SALESORDER_WF with Event CREATE and workflorw key as VBELN type VBAK-VBELN.
2. Next in TCODE SWEC i created a entry for CHANGE action with above class and event for the Sales order change object VERKBELEG.
3. Next i created sales order using VA01 and changed the sales order quantity using VA02 . I can see a entry in the CDHDR table for the object VERKBELEG , but when i check the event trace using TCODE SWEL , i cannot see anything triggered againsts my class Z_TEST_SALESORDER_WF. Please note that i have already activated the event trace using SWELS tcode.

Can anyone let me know if i am missing anything.

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[Sireesh Kuppireddi](#) 2013-7-19 下午9:02 ([回复 bhavik mehta](#))

I think the event trigger will not have any receiver, such as task or a workflow. Can you create a task in PFTC for the ABAP class and a method and assign the triggering event as the event of the event mentioned in the SWEC.

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[bhavik mehta](#) 2013-7-19 下午2:29 ([回复 bhavik mehta](#))

In the TCODE SWEC to create a new entry i clicked on New Entry button and entered the Sales order change object VERKBELEG , class as Z_TEST_SALESORDER_WF and event as create .Do i need to do anything else apart from the above steps.

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[Suresh Subramanian](#) 2013-7-19 下午3:38 ([回复 bhavik mehta](#))

Hello Bhavik !

It seems you've maintained change document, object category, ABAP class name and the event in SWEC transaction.

Whether your workflow triggers now ?

Regards,
S.Suresh.

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