

# FI Document Parking Workflow



## Applies to:

SAP ECC 6.0 and upwards. For more information, visit the [ABAP homepage](#).

## Summary

This tutorial shows step by step process for the creation of FI Document Parking / Posting workflow.

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## Author Bio

Nouman Rashid is currently working as an ABAP Developer in FFC Pakistan. He has ABAP and Workflows experience in FI /MM and PM Modules.

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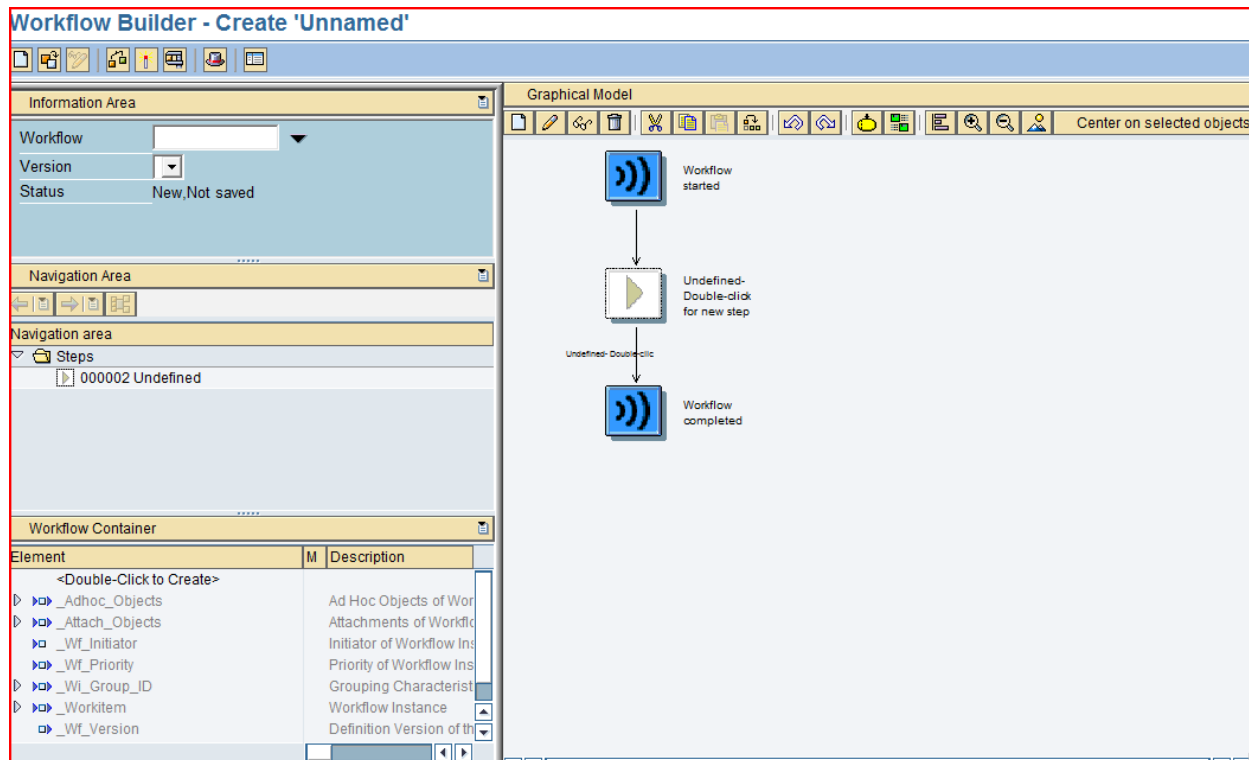
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## Scenario

- Initiator parks the document.
- Workflow is triggered on 'COMPLETED' event.
- It is sent to Finance Officer
- He /she either release the document for payment or reject it.
- Upon release document is sent to Finance Manager.
- That person can view it, post it or reject it.
- When workflow is triggered, initiator receives a mail that document has been sent to his supervisor.
- When document is rejected, workflow is set to complete and initiator can be sent a comments mail.

## Work Flow Creation Steps

Go to transaction SWDD. Create a new workflow and save it under your package.



Go to Work flow container and add a new element. The following screen opens.

The screenshot shows the 'Create Container Element' dialog box. The 'Element' field is empty. Under the 'Texts' tab, the 'Name' field is empty and the 'Short Descript.' field is empty. The 'D. Type' tab is selected, showing the 'SelectionOfPredefinedTypes' section. The 'Object Type' is set to 'BOR Object Type'. Below this, there are three radio button options: 'ABAP Dict. Reference' (selected), 'ABAP Dict. Data Type', and 'ABAP Dict. Data Type'. The 'ABAP Dict. Reference' option has sub-fields for 'Structure' and 'Field'. The 'ABAP Dict. Data Type' option has a 'Type Name' field. The dialog box has a toolbar at the bottom with a checkmark, a magnifying glass, and a close button.

Create a new element ,ZFIPP as we are using BO FIPP.

The screenshot shows the 'Change Container Element' dialog box. The 'Element' field is set to 'ZFIPP'. Under the 'Texts' tab, the 'Name' field is set to 'ZFIPP' and the 'Short Descript.' field is set to 'CONTAINER FOR FIPP'. The 'D. Type' tab is selected, showing the 'SelectionOfPredefinedTypes' section. The 'Object Type' is set to 'BOR Object Type'. Below this, there are three radio button options: 'ABAP Dict. Reference' (selected), 'ABAP Dict. Data Type', and 'ABAP Dict. Data Type'. The 'ABAP Dict. Reference' option has sub-fields for 'Structure' and 'Field'. The 'ABAP Dict. Data Type' option has a 'Type Name' field. The 'ABAP Dict. Reference' option has a 'Parked Document' field. The dialog box has a toolbar at the bottom with a checkmark, a magnifying glass, and a close button.

Also set import and export parameters.

**Change Container Element**

Element: ZFIPP

**Texts**

Name: ZFIPP

Short Descript.: CONTAINER FOR FIPP

**Properties**

**Parameter Settings**

☒ Import ☐ Mandatory

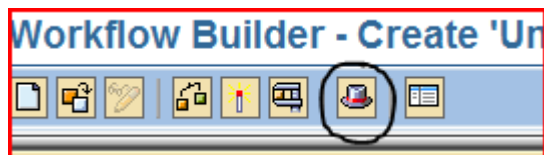
☒ Export

**Element Is**

☐ Multiline

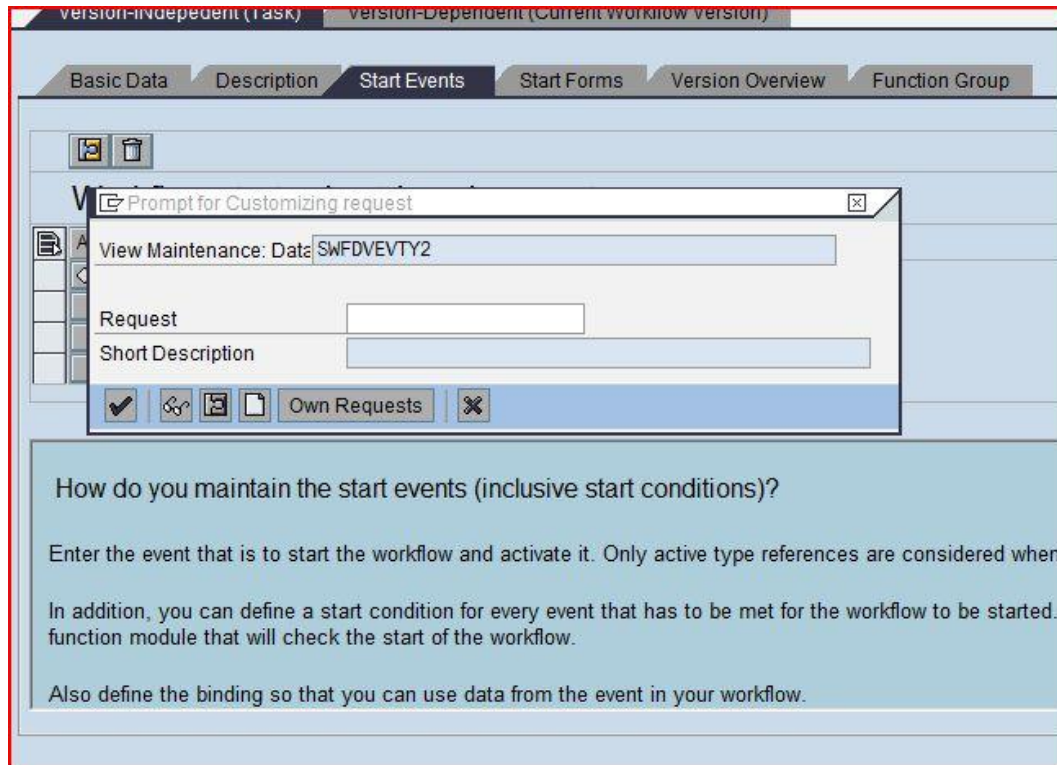
OK Cancel Help

Click on the Basics Data button or press Ctrl-f8 and enter the work flow starting event.

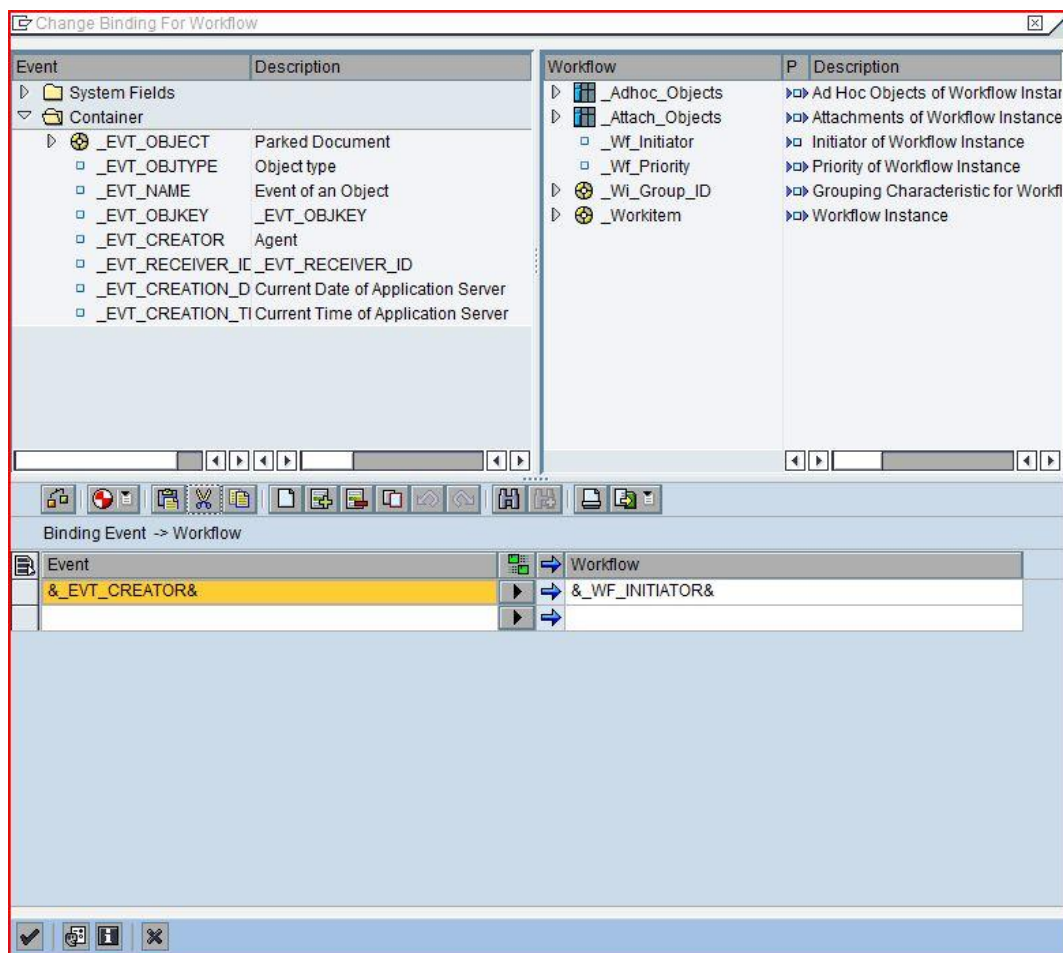


We want the work flow to start on 'Completed' event OF FIPP BO.

Activate the triggering event. It will be done thru a Customizing Request.



Also generate Automatic Binding.



Both the Activation and Binding buttons should be green by now.

Version-INdependent (Task)    Version-Dependent (Current Workflow Version)

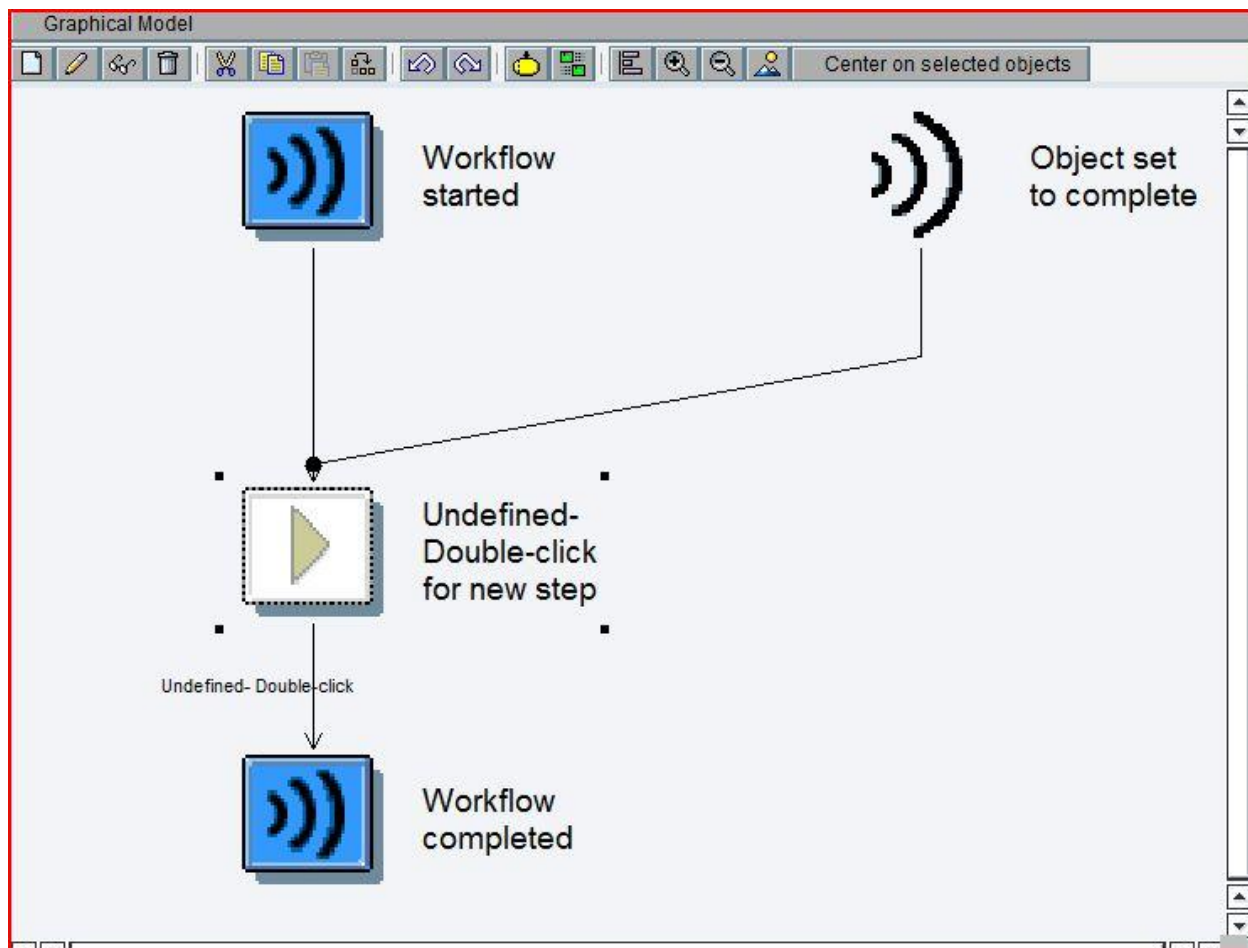
Basic Data    Description    **Start Events**    Start Forms    Version Overview    Function Group

Workflow start using triggering events

A	B	C	Cate...	Object Type	Event of the object
			BO	FIPP	COMPLETED

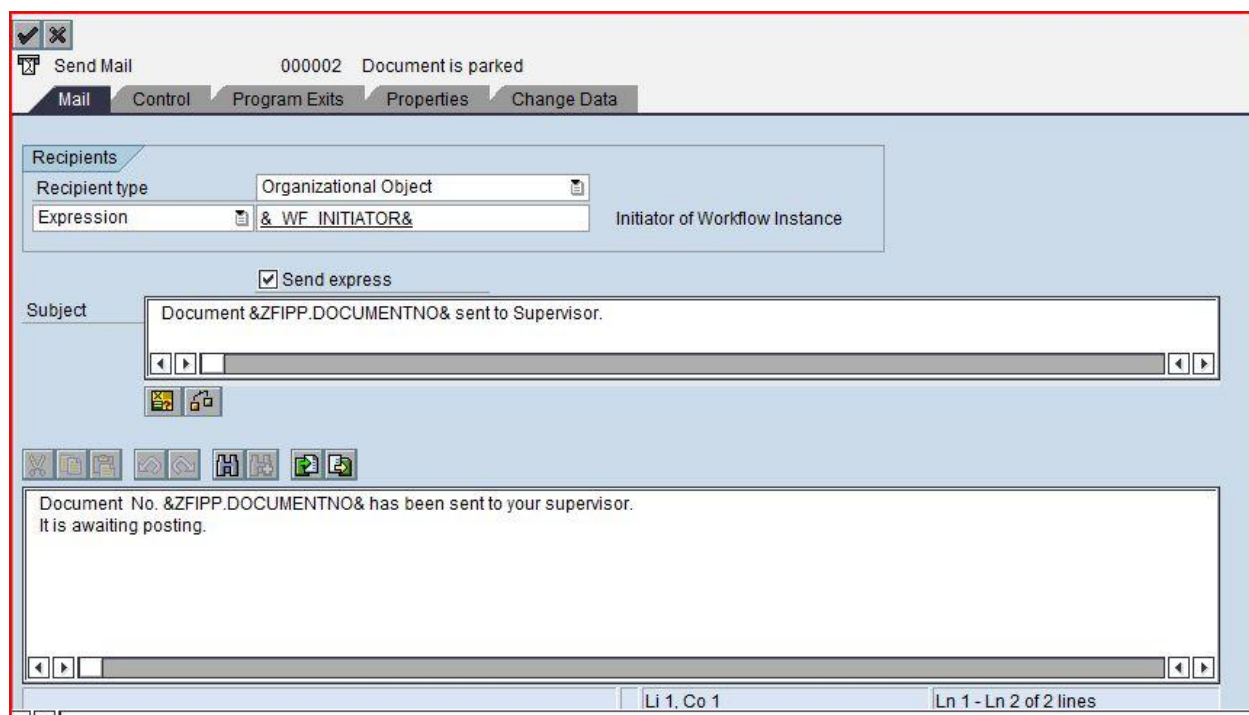
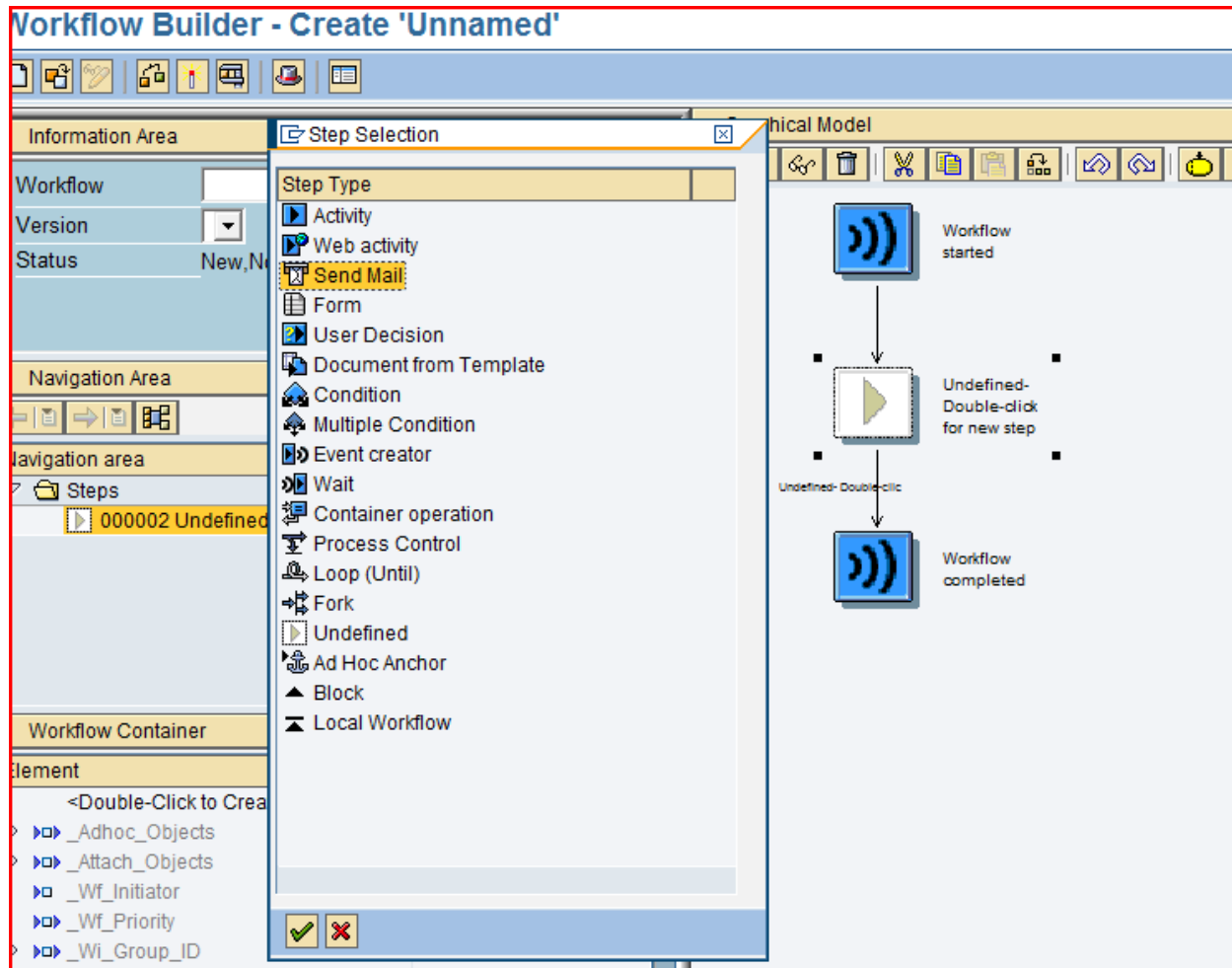
How do you maintain the start events (inclusive start conditions)?

Now our workflow should look like this: Event is successfully configured.





Now we want to send mail to the initiator that document no xxxxx has been sent to his supervisor,  
Enter a mail step.





Now we want to add a task which will enable the supervisor to release amount for subsequent posting.  
Add a new task. We will use RELEASE method of FIPP BO.

The screenshot shows the 'Release Amount' task configuration in SAP. The task ID is 'TS00007914'. The step name is 'Release Amount'. The binding is 'Binding (Exists)'. The user is 'FINANCE OFFICER'. The task properties include 'Agent Assignment', 'Background Processing', 'Task Complete', and 'Confirm End of Processing'. The task description is 'Parked document is to be released. Release the parked document or deny the release.'

Activity: 000004 Release Amount

Control Details Outcomes Notification Latest End Requested Start Latest St

Task: TS00007914 Release Amount

Step Name: Release Amount

Binding (Exists)

Agents

User: FINANCE OFFICER

Excluded:

Task Properties

Agent Assignment Task Complete

Background Processing Confirm End of Processing

Task description - click here to go to task...

Parked document is to be released. Release the parked document or deny the release.

The screenshot shows the 'Standard Task: Display' configuration in SAP. The standard task is '7914 FIPP\_RELEASE'. The name is 'Release Amount'. The package is 'FBAS'. The application component is 'FI'. The basic data includes 'Name', 'Abbr.', 'Name', and 'Release status'. The work item text is 'Release amount & \_WI\_Object\_Id.DocumentNo&'. The object method includes 'Object Category', 'Object Type', 'Method', 'Synchronous object method', and 'Object method with dialog'. The execution includes 'Background processing', 'Executable with SAPforms', and 'Confirm end of processing'.

Standard Task: Display

Standard task: 7914 FIPP\_RELEASE

Name: Release Amount

Package: FBAS Application Component: FI

Basic data Description Container Triggering events Terminating events

Name

Abbr.: FIPP\_RELEASE

Name: Release Amount

Release status: Not defined

Work Item Text

Work item text: Release amount & \_WI\_Object\_Id.DocumentNo&

Object method

Object Category: BOR Object Type

Object Type: FIPP Parked Document

Method: RELEASE Release

Synchronous object method

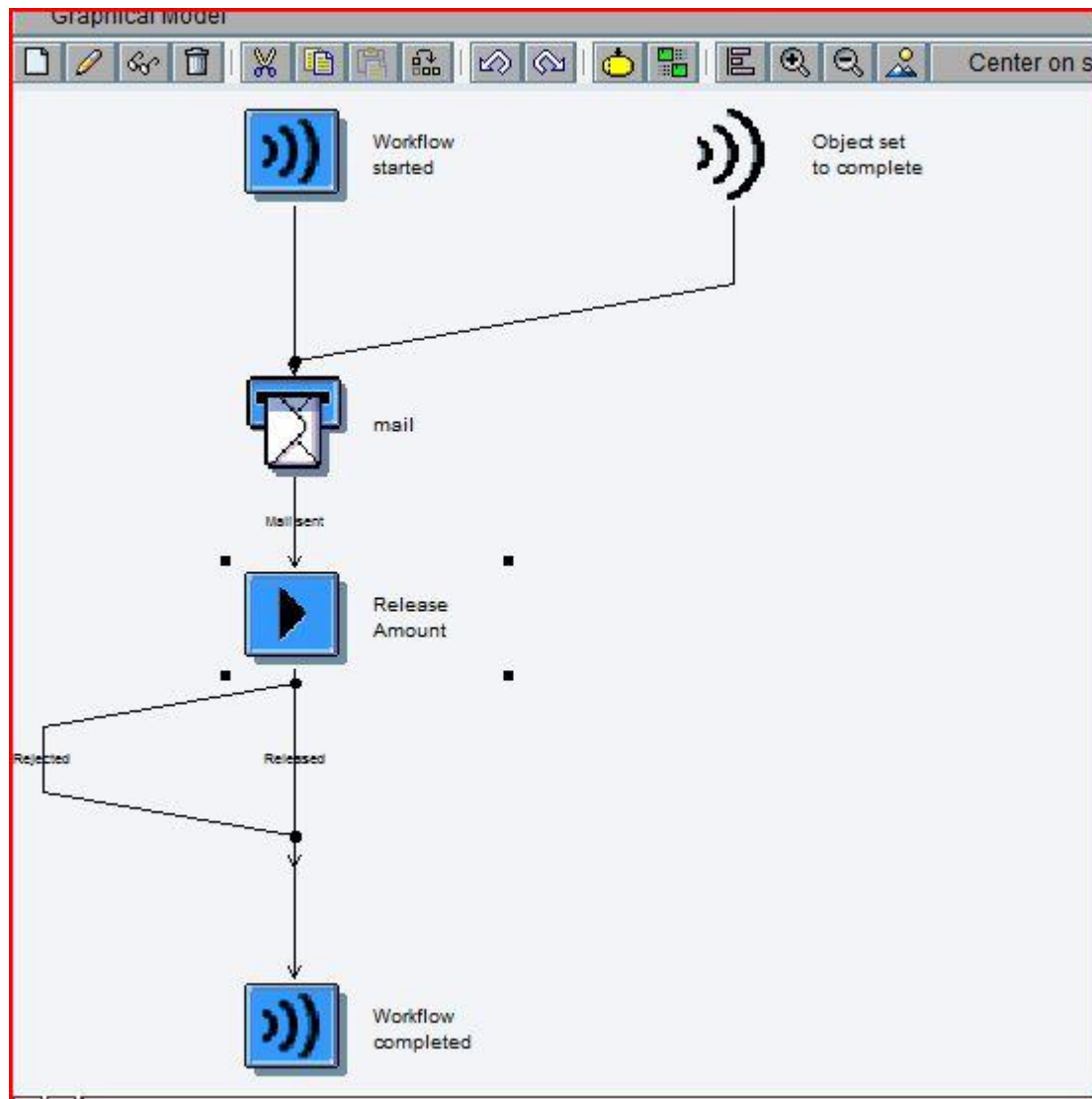
Object method with dialog

Execution

Background processing Executable with SAPforms

Confirm end of processing

Now our workflow looks like this




Now on rejection, we want to add a MAIL interface ,so that Supervisor can add some comments on why he is rejecting this document. We will be using standard SAP business workplace mail for this purpose.


On rejection add the following task under a new activity: TS20000139. Also add a process control which will set our workflow to complete.

Activity 000014 Enter and Send Short Message



Control Details Outcomes Notification Latest End Requested Start Latest S

Task  TS20000139 Enter and Send Short Message

Step Name Enter and Send Short Message



 Binding (Exists)

Agents

User  FINANCE OFFICER 

Excluded

Task Properties





 Agent Assignment  Task Complete

☐ Background Processing ☐ Confirm End of Processing

[Task description - click here to go to task...](#)

Enter a task description in the task definition. You can click on the top row to access it directly. The task description is used, amongst other things, in the Business Workplace and in the work item display.

### Standard Task: Display

Standard task 20000139 SendText

Name Enter and Send Short Message


Package PTR\_AADDON Applicatn Component FI-TV-COS

Basic data Description Container Triggering events Terminating events


Name

Abbr. SendText

Name Enter and Send Short Message


Release status Not defined 

Work Item Text



Work item text (redefined) Send Reason Text

Object method

Object Category BOR Object Type 

Object Type SOFM Office Document

Method COMPOSE Short message

☒ Synchronous object method

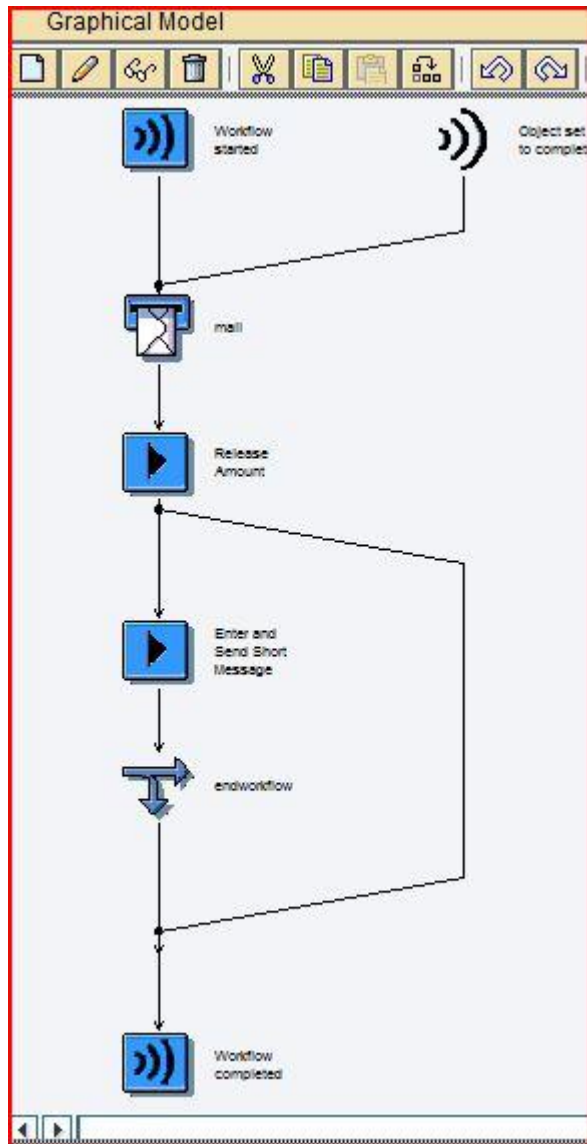
☒ Object method with dialog

Execution

☐ Background processing ☐ Executable with SAPforms

☐ Confirm end of processing

Now our workflow looks like this



Also add a mail step in rejection to send to initiator a mail that document has been rejected.

Now we will come to the condition that Supervisor releases the payment We need to set a release flag.

Define an element named released. Don't forget to set its import and export parameters.

**Change Container Element**

Element: Released

**Texts**

Name: Released

Short Descript.: Released

**D. Type** | Properties | Initial Valu | Change Data

**SelectionOfPredefinedTypes**

☐ Object Type

☒ ABAP Dict. Reference

Structure: VBKPF Document Header for Document P:

Field: XFRGE Released

☐ ABAP Dict. Data Type

Type Name:

Add a container operation and set the following settings:

Container operation 000199 Set release flag

Control Properties Change Data

Step Name Set release flag

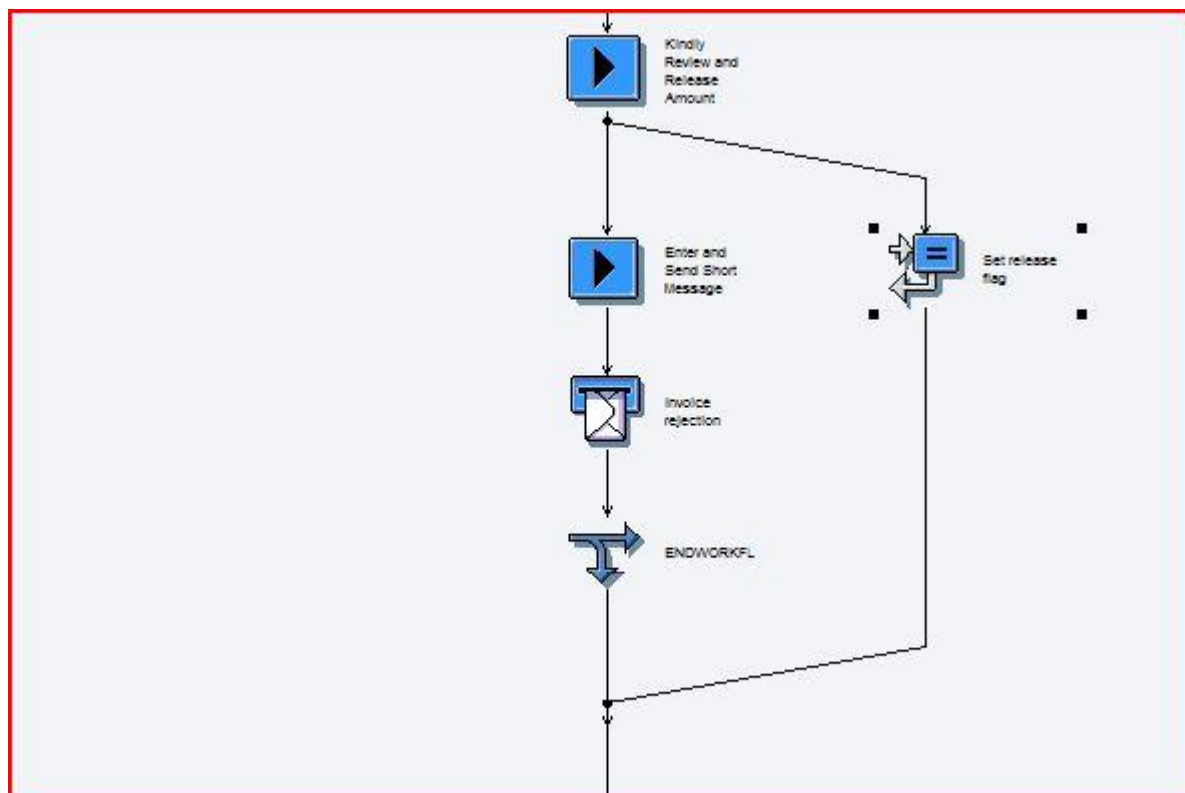
Outcome name Release flag set

☒ Step not in workflow log

Operation

Result Element	Released	Released
Assignment	=	Assign (contents of table are deleted first)
Expression	X	
Operator	Assignment	
Expression		

Our workflow now looks like



Now that the document is released by the Finance Officer, we will add a User decision step, for the Manager.  
The Manager will have the following options.

View the document

Reject the document

Post the document

Lets make a User decision

The screenshot shows the 'User Decision' configuration screen for a task titled '000008 check the Invoice'. The 'Decision' tab is active. The title is 'For Your review and approval Plz &1'. Parameters 1, 2, 3, and 4 are defined. The 'Agents' section shows 'User' as 'FINANCE\_MANAGER'. The 'Decision Options' table lists the available outcomes:

Decision Texts	Outcome Name
Review	Review
Reject	Reject
Post	Post

For review add a new activity using the standard method DISPLAY of BO FIPP.

The screenshot shows the 'Activity' configuration screen for a task titled '000017 DISPLAY'. The 'Control' tab is active. The task is 'TS90000071 DISPLAY GL DOCUMENT PARKING'. The step name is 'DISPLAY'. The 'Agents' section shows 'User' as 'FINANCE\_MANAGER'. The 'Task Properties' section shows the following options:

- ☒ Agent Assignment
- ☒ Task Complete
- ☐ Background Processing
- ☐ Confirm End of Processing

Below the properties, there is a link: [Task description - click here to go to task...](#). A text box contains the following instruction:

Enter a task description in the task definition. You can click on the top row to access it directly. The task description is used, amongst other things, in the Business Workplace and in the work item display.







Basic data		Description	Container	Triggering events	Termination
Name					
Abbr.	Display JV				
Name	DISPLAY GL DOCUMENT PARKING				
Release status	Not defined				
Work Item Text					
Work item text					
Object method					
Object Category	BOR Object Type				
Object Type	FIPP	Parked Document			
Method	DISPLAY				Display
<input checked="" type="checkbox"/> Synchronous object method <input checked="" type="checkbox"/> Object method with dialog					
Execution					
<input type="checkbox"/> Background processing					
<input type="checkbox"/> Confirm end of processing					
<input type="checkbox"/> Executable with SAPforms					

For post add a new activity using the standard method POST of BO FIPP.

Activity		000695 Post parked document
Control	Details	Outcomes
Notification	Latest End	Requested Start
Latest St		
Task	TS000008142  Post parked document	
Step Name	Post parked document	
	Binding (Exists)	
Agents (not for workflows and background tasks)		
Expression		
Excluded		
Task Properties		
<input checked="" type="checkbox"/> Agent Assignment <input checked="" type="checkbox"/> Background Processing	<input checked="" type="checkbox"/> Task Complete <input type="checkbox"/> Confirm End of Processing	
<a href="#">Task description - click here to go to task...</a>		
GL Document hasbeen Posted		

## Standard Task: Display

Standard task: 8142      FIPP\_POST  
 Name: Post parked document  
 Package: FBAS      Applicatn Component: FI

Basic data    Description    Container    Triggering events    Terminating e

**Name**  
 Abbr.: FIPP\_POST  
 Name: Post parked document  
 Release status: Not defined

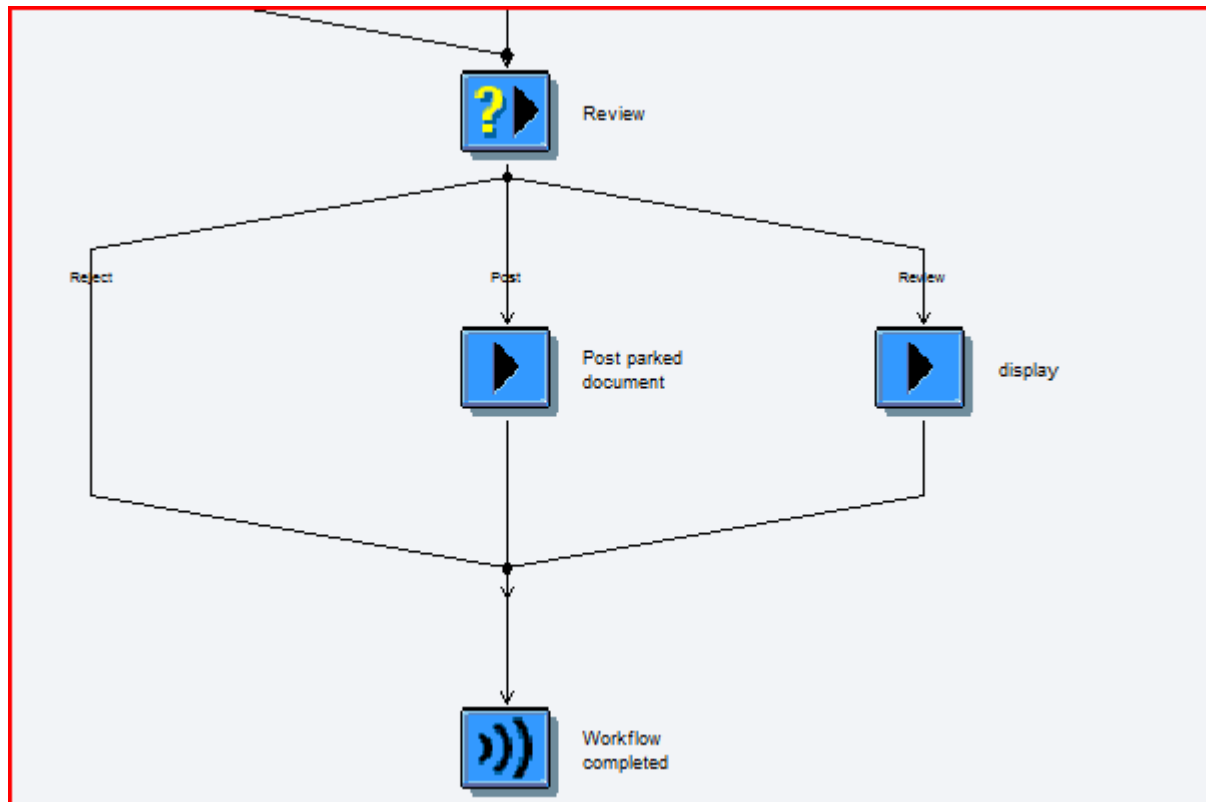
**Work Item Text**  
 Work item text:

**Object method**  
 Object Category: BOR Object Type  
 Object Type: FIPP      Parked Document  
 Method: POST      Post  
☒ Synchronous object method  
☐ Object method with dialog

**Execution**  
☒ Background processing      ☐ Executable with SAPforms  
☐ Confirm end of processing

For rejection, use previous done mail step and send mail to initiator that document has been rejected.(not being shown here)

The User Decision step looks like now.



We have now done all the required Work flow tasks and steps.

## workflow configuration steps

Now we need to configure our Workflow.

Go to Tcode OBWA. Create a new variant.

The screenshot shows the SAP OBWA transaction interface. The title bar reads 'Change View "Preliminary Posting Workflow L'. Below the title bar is a toolbar with icons for 'New Entries', 'Delete', 'Copy', 'Paste', 'Print', and 'Help'. The main area contains a table with the following data:

Workf.var.	Workflow variant name
0001	SAP
1000	IDES FIPP-WF variant
3000	IDES FIPP-WF variant - US
R300	IDES FIPP-WF variant - US

At the bottom of the window, there is a 'Position...' button and the text 'Entry 1 of 4'.

Table View Edit Goto Selection Utilities System Help	
<b>New Entries: Details of Added Entries</b>	
Workflow var.	ZWF
Currency	LBP
WF var.name	PARKING WORKFLOW
<b>Preliminary posting release</b>	
<input checked="" type="checkbox"/> Posting release	
Release from	
Subworkflow	WS80000243
<b>Payment release</b>	
<input type="checkbox"/> Release pmnts	
<input type="checkbox"/> Creator Permitted	
Payt release	
Pmnt rel.var.	

Go to tcode OBWJ to assign your variant to your own company code.

Table View Edit Goto Selection Utilities System Help

Change View "Workflow Variants": Overview

Co...	Wrkf	WF var.name
AC23	1000	IDES FIPP-WF variant
AC24	1000	IDES FIPP-WF variant
AC25	1000	IDES FIPP-WF variant
AC26	1000	IDES FIPP-WF variant
AC27	1000	IDES FIPP-WF variant
AC28	1000	IDES FIPP-WF variant
AC29	1000	IDES FIPP-WF variant
AC30	1000	IDES FIPP-WF variant
ACIA	1000	IDES FIPP-WF variant
AT01	ZWF	
CABB	1000	IDES FIPP-WF variant
CABD		
CC01	3000	IDES FIPP-WF variant
CC02	1000	IDES FIPP-WF variant
CH01		
CPBV	3000	IDES FIPP-WF variant
CPF0	3000	IDES FIPP-WF variant

Position... Entry 131 of 166

Work flow configuration is now complete. We have created a new variant and registered it to our company code. Our workflow is now ready for testing.

## Workflow Testing Steps

Go to Tcode FV60

Enter the relevant data and press the Park Button. The document will be parked.

When the USER presses the SAVE AS COMPLETED Button ,the work flow is triggered and he receives the mail.



Document ~~10000002~~ sent to Supervisor.

Created WF

Document No. ~~10000002~~ has been sent to your supervisor.  
It is awaiting posting.

Finance Officer will receive the following work item

Workflow 667									
Ex...	Title	Status	Creation D...	Creation...	F	Att...	C...	W...	Forwarder
	Release amount <del>20000000</del>		26.02.2011	01:26:09	£				

He will have option to release or reject the document.

Tree on Editing options Release Reject













Transactn

Basic data **Payment** Details Workflow Tax



On reject, the following send mail screen is opened for comments purpose.

An automatic notification is also sent to initiator that the document is rejected.

Document Edit Goto Insert System Help









           

## Create Document and Send






 





Title

Document contents Attributes

Recipient Trans options

Recipient	Recip. type				Sel...
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

The screenshot shows the SAP Document Parking Workflow interface. At the top, there is a toolbar with icons for document actions and buttons for 'Reply...', 'Reply w/Reference...', and 'New messa...'. Below the toolbar are tabs for 'Doc. contents', 'Attributes', and 'Recipient list'. The main content area displays a message: 'Document 2500000287 has been rejected'. Below this, it says 'Created' followed by a document icon and 'WF'. The body of the message states: 'Document No. ~~2500000287~~ has been rejected by your supervisor.'

If the Finance Officer releases the Document, the document is sent to Finance Manager who can either post it, reject it or view it.

Inbox			
Clas...	Title	Date rece...	Author
	For Your review and approval Plz <del>2500000287</del>	26.02.2011	

## Summary

This sums up our FI Document Parking workflow. We have seen the events to trigger the workflow, release it for payment, mail users, use BO FIPP methods for posting and display and seen how to configure it.

## Related Content

[SAP Workflows](#)

[Business Workflows](#)

[BTE in FI Posting](#)

For more information, visit the [ABAP homepage](#)

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