

# UWL Configuration for Opening Web Dynpro ABAP Application for Appraisal Document in EHP4



## Applies to:

SAP EP 7.01 SP8, SAP-ESS 603 SP7, ECC 6, SAP HR 604 SP 26.

## Summary

This document describes the portal and backend configuration required for configuring UWL to fetch workflow task from backend and open webdynpro applications for Appraisal related tasks. Without this configuration appraisal document is shown in backend screen.

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## Author Bio



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## Introduction

This document describes the portal and backend configuration required for configuring UWL to fetch Appraisal workflow task from backend and open webdynpro abap applications. Without this configuration appraisal document is shown in backend screen.

This document covers following topics:

- Infrastructure requirements
- System Creation on portal,
- UWL configurations on portal and Task configuration in transaction SWFVISU.

## Prerequisites

Following components should be available:

- ECC6.
- SAP HR 604 SP 26 or higher.
- SAP EP 7.01 SP 8 or higher
- SAP ESS 603 SP7 or higher
- SAP MSS 600 SP18 or higher

SSO should be configured using Logon Ticket.

## Portal configurations:

### Step 1: System Creation

Create a system as described at below link

<http://www.sdn.sap.com/irj/scn/index?rid=/library/uuid/20faaa02-7521-2e10-d598-8b03c91c4213>

Define a system alias for the system.

Overview [redacted]

Save Close Preview Refresh Edit Mode Display: System Aliases

### System Alias Editor

Create new aliases for this system or delete existing ones. A system alias can be any name you choose. The default alias represents the system in other interfaces, such as User Mapping.

Alias Name:  Add

Default	Alias Name
<input type="radio"/>	SAP_ECC
<input type="radio"/>	SAP_ECC_Common
<input checked="" type="radio"/>	SAP_ECC_HumanResources
<input type="radio"/>	

Remove Set Default

User Mapping Status:  (Ready for user mapping configuration)

Alias name: SAP\_ECC\_HumanResources

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## Step 2: UWL System

Go to System Administration>System configuration>Universal worklist & Workflow

Click on New button:

Enter the required fields

System Alias: System alias name for UWL system (e.g. ecc\_workflow)

Connector type: WebflowConnector

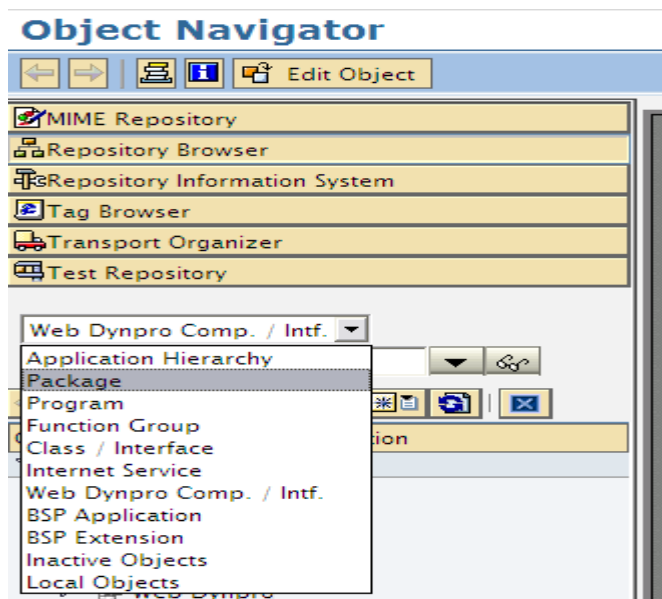
Web Dynpro Launch System: System alias of the system which will be used to call wd abap applications.

Save the configuration and Register.

## Backend Configurations:

### Step 1: SE80

Run transaction SE80 and select package from the dropdown menu:



Select the WD application **HAP\_MAIN\_DOCUMENT** in package **PAOC\_HAP\_DOCUMENT\_WD\_UI**.

### Object Navigator

The screenshot shows the SAP Object Navigator interface. The package dropdown is set to **PAOC\_HAP\_DOCUMENT\_WD\_UI**. In the object list, the application **HAP\_MAIN\_DOCUMENT** (Appraisal Document) is selected and highlighted in yellow. The right pane displays a banner for **ABAP DEVELOPMENT WORKBENCH** with a background image of a modern office interior.

Add a the application parameter **WI\_ID**

### Web Dynpro Explorer: Display Web Dynpro Application

The screenshot shows the SAP Web Dynpro Explorer interface. The application **hap\_main\_document** is selected, and the **Parameters** tab is active. The parameters table is displayed below.

Parameters	Value	Type	Description
ADD_ON_APPLICATION			Application-S
APPRAISAL_ID			Application-S
MODE			Application-S
NEW_APPRAISEE_ID			Application-S
NEW_APPRAISEE_TYPE			Application-S
NEW_APPRAISER_ID			Application-S
NEW_APPRAISER_TYPE			Application-S
NEW_AP_END_DATE			Application-S
NEW_AP_START_DATE			Application-S
NEW_TEMPLATE_ID			Application-S
PART_AP_ID			Application-S
PLAN_VERSION			Application-S
SKIP_IN_PREPARATION			Application-S
<u>WI_ID</u>			Application-S

## Step 2: SWFVISU

Launch Transaction SWFVISU and follow the steps below

2.1.

Add a Task Visualization of Visualization type ABAP Web Dynpro for each of the workflow tasks listed below

The workflow tasks for which this has to be done are:

TS12300095

TS12300096

TS12300110

TS12300111

TS12300112

TS12300113

TS12300114

TS12300115

The screenshot shows the SAP SWFVISU transaction interface. The main window displays a table titled 'Task Visualization' with the following data:

Task	Visualization Type
TS12300095	ABAP Web Dynpro
TS12300096	ABAP Web Dynpro
TS12300097	Java WebDynpro
TS12300104	Java WebDynpro
TS12300110	ABAP Web Dynpro
TS12300111	ABAP Web Dynpro
TS12300112	ABAP Web Dynpro
TS12300113	ABAP Web Dynpro
TS12300114	ABAP Web Dynpro
TS12300115	ABAP Web Dynpro
TS12300116	Java WebDynpro
TS17900049	Java WebDynpro
TS17900100	Java WebDynpro
TS17900101	Java WebDynpro
TS17900102	Java WebDynpro
TS17900113	Java WebDynpro
TS17900121	Java WebDynpro
TS17900129	Java WebDynpro
TS17900100	Java WebDynpro
TS20000459	Java WebDynpro
TS20000460	Java WebDynpro
TS21300098	Java WebDynpro

The interface also shows a 'Dialog Structure' pane on the left with a tree view containing 'Task Visualization', 'Visualization Param', 'Object Visualization', and 'Visualization Param'. The status bar at the bottom indicates 'Entry 1 of 28'.

Add following parameters to each task created above:

APPLICATION = **HAP\_MAIN\_DOCUMENT**

DYNPARAM = **sap-wd-configId=HAP\_AC\_MAIN\_DOC**

NAMESPACE = **sap**

The screenshot shows the 'Change View "Visualization Parameter": Overview' dialog. The 'Task' field is set to 'TS12300095' and the 'Visualization Type' is 'ABAP Web Dynpro'. The 'Visualization Parameter' table is as follows:

Visualization Parameter	Visualization Parameter Value
APPLICATION	HAP_MAIN_DOCUMENT
DYNPARAM	sap-wd-configId=HAP_AC_MAIN_DOC
NAMESPACE	sap
SYSTEM_ALIAS	SAP_ECC_Common

2.2.

Add an Object Visualization of Visualization type ABAP Web Dynpro for a **BO**

- Object Category / Object Type : **APPR\_DOC**

The screenshot shows the 'New Entries: Overview of Added Entries' dialog. The 'Object Visualization' table is as follows:

ObjectType	Object Type	Method Name	Visualization Type
BOR Object Typ	APPR_DOC		ABAP Web Dynpro
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

Add following parameters to the visualization:

APPLICATION = **HAP\_MAIN\_DOCUMENT**

DYNPARAM = **sap-wd-configId=HAP\_AC\_MAIN\_DOC&wi\_id=\${item.externalId}**

NAMESPACE = **sap**

Table View Edit Goto Selection Utilities System Help

**Change View "Visualization Parameter": Overview**

New Entries

Dialog Structure

- Task Visualization
  - Visualization Param
- Object Visualization
  - Visualization Param

Object Category: BO

Object Type: APPR\_DOC

Method Name:

Visualization Type: ABAP Web Dynpro

Visualization Parameter	Visualization Parameter Value
APPLICATION:	APP_MAIN_DOCUMENT
DYNPARAM	sap-wd-configId=HAP_AC_MAIN_DOC&wi_id=\${item.exte
NAMESPACE	sap
SYSTEM_ALIAS	SAP_ECC_Common

### Step 2: Re-Register UWL system

Re-Register the system for the UWL in Universal Worklist Administration in the portal.

Transport | Monitoring | Permissions | **System Configuration** | Portal Display | Support | Federated Portal | Navigation

Universal Worklist - Administration

Detailed Navigation

- System Landscape
- Floating Aliases
- Keystore Administration
- UME Configuration
- Service Configuration
- Knowledge Management
- Collaboration
- Universal Worklist & Workflow
  - Universal Worklist - Admini**
    - Workflow
  - Web Dynpro Console

Portal Favorites

**Universal Worklist - Configuration**

**Universal Worklist Systems**

Here you can define connections to systems as item providers for the Universal Worklist. The 'Connector Type' indicates the type of items retrieved thro Alias' is an alias for the system as defined in the system landscape. For the connector types 'WebFlowConnector' or 'AlertConnector', you must register defining a new system connection. If you configure Web Dynpro applications on a different WAS to the WAS for the system alias, then that system's alias system.

System Alias	Connector Type	Action	Activate Connection	Connected Through System Alias
AdHocSystem	AdHocWorkflowConnector		Deactivate	
ActionInbox	ActionInboxConnector		Deactivate	
[REDACTED]	WebFlowConnector	Re-Register	Deactivate	

New Edit Delete

Register Item Types for All Systems Register Item Types for New Systems Only



## Related Content

[Note 1405898 - Workflows for new Web Dynpro UI](#)

[How To Get Rid of SP Stack Mismatch Issues](#)

[UWLConfiguration](#)

[Configuring SAP Web AS ABAP to Accept Logon Tickets from the J2EE Engine](#)

[SAP NetWeaver](#)

[Object-Based Navigation \(OBN\)](#)

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