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Initial version by Igor Muntoreanu

Exercise Review:


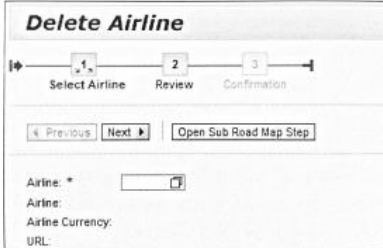
Introduction to FPM, OIF and IDR.


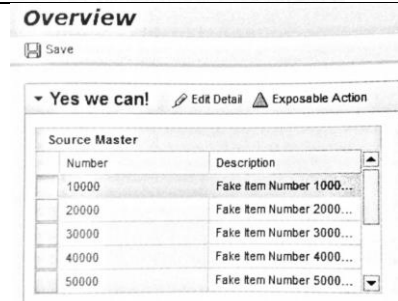
List of current users				
Save				
	Client	User	Modes	Modes
	000	SAP_WSRT	1	1
	000	SAP_WSRT	1	1
	800	ALISCHWA	1	2
	800	BGRFC_SUPER	1	1
	800	BGRFC_SUPER	1	1

Practical Guide:

What is FPM?

Floorplan Manager (FPM) is a Web Dynpro ABAP application that provides a framework for developing new Web Dynpro ABAP application interfaces consistent with SAP UI guidelines (Standard definition from SAP doc). You can use the Floorplan Manager Configuration editor to combine application-specific views of one or more business applications to a new FloorPlan Manager application. Floorplan manager supports creating and configuring applications with following floorplans:

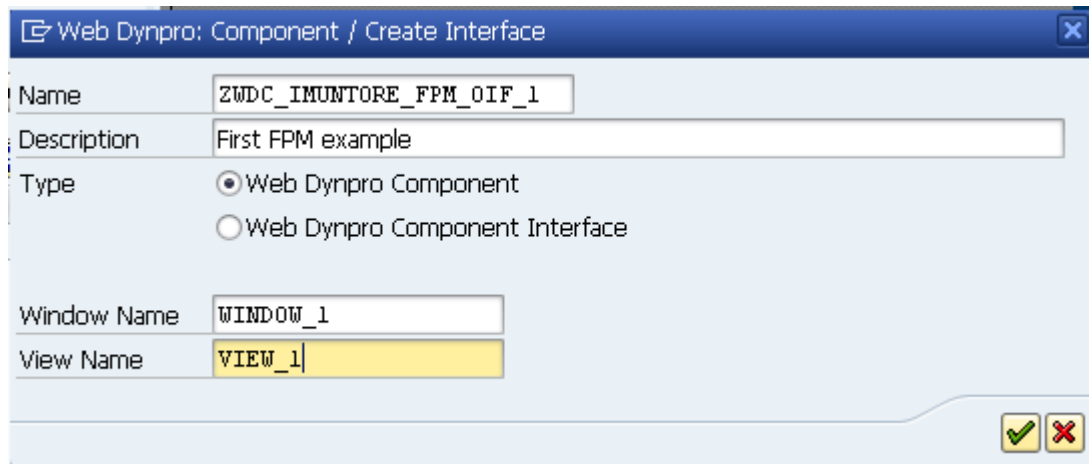
Floorplan Name	Component	Description	Picture Example
Object Instance Floorplan (OIF)	FPM_OIF_COMPONENT	Provides a template for displaying and manipulating the data, attributes, and associations of business objects within your system.	
Guided Activity Floorplan(GAF)	FPM_GAF_COMPONENT	Provides a template for conducting a user through a step-by-step activity.	

Quick Activity Floorplan(QAF)	FPM_OIF_CO MPONENT	Provides a template do display or manipulate specific data in a business object.	 <p>The screenshot shows a web form titled "Delete Airline". It has a "Start" button and a text input field labeled "Airline: *" with a small icon to its right.</p>												
Overview Page Floorplan(OVP)	FPM_OVP_CO MPONENT	Provides a template for creating overview pages that display and link to information or tasks about give business objects or scenarios.	 <p>The screenshot shows a web form titled "Overview". It has a "Save" button and a section titled "Yes we can!" with sub-links "Edit Detail" and "Exposable Action". Below this is a "Source Master" table with two columns: "Number" and "Description".</p> <table><thead><tr><th>Number</th><th>Description</th></tr></thead><tbody><tr><td>10000</td><td>Fake Item Number 1000...</td></tr><tr><td>20000</td><td>Fake Item Number 2000...</td></tr><tr><td>30000</td><td>Fake Item Number 3000...</td></tr><tr><td>40000</td><td>Fake Item Number 4000...</td></tr><tr><td>50000</td><td>Fake Item Number 5000...</td></tr></tbody></table>	Number	Description	10000	Fake Item Number 1000...	20000	Fake Item Number 2000...	30000	Fake Item Number 3000...	40000	Fake Item Number 4000...	50000	Fake Item Number 5000...
Number	Description														
10000	Fake Item Number 1000...														
20000	Fake Item Number 2000...														
30000	Fake Item Number 3000...														
40000	Fake Item Number 4000...														
50000	Fake Item Number 5000...														

Using the FPM configuration editor following floorplan areas can be configured:

- Identification Region (IDR)
- Message Region (MR)
- Context Navigation Region (CNR)
- Roadmap Element

1) Create a new WD Component:



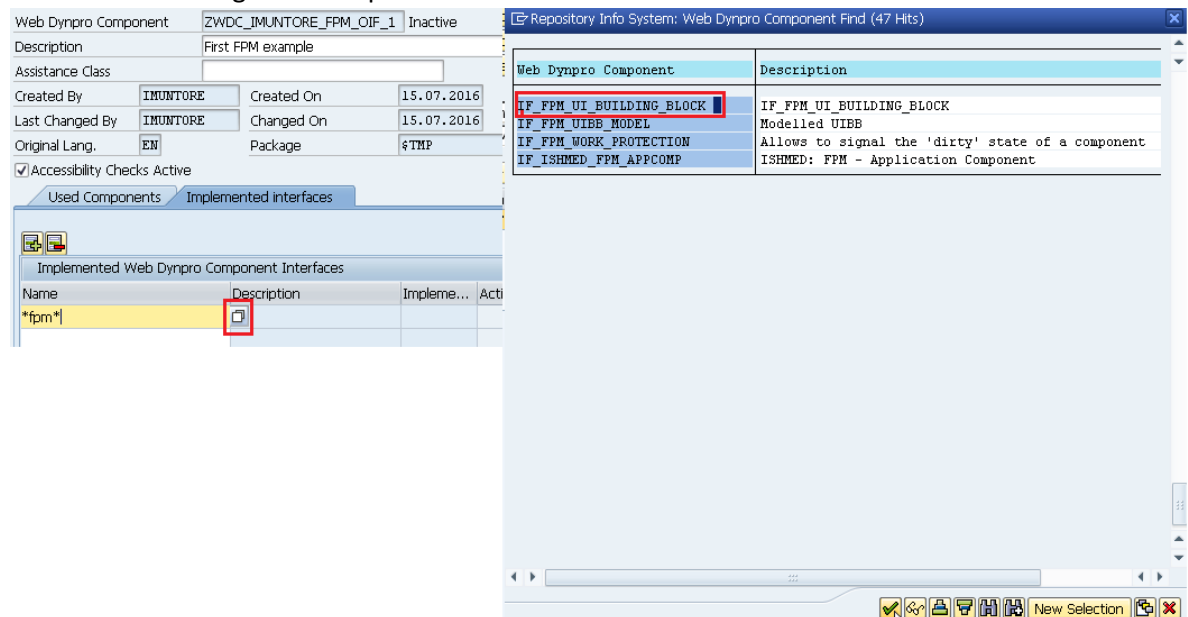
The screenshot shows a dialog box titled "Web Dynpro: Component / Create Interface". It contains the following fields and options:

- Name:** ZWDC_IMUNTORE_FPM_OIF_1
- Description:** First FPM example
- Type:**
 - ☒ Web Dynpro Component
 - ☐ Web Dynpro Component Interface
- Window Name:** WINDOW_1
- View Name:** VIEW_1

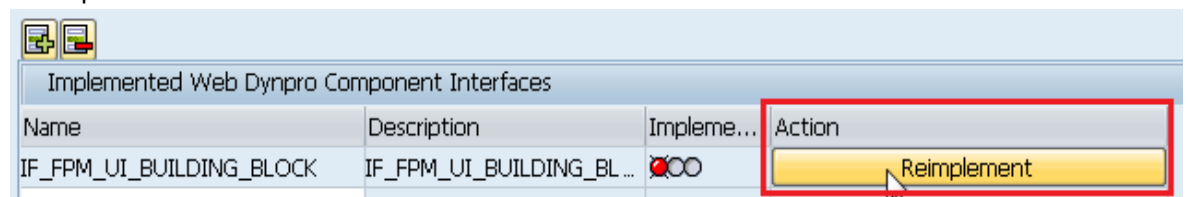
At the bottom right, there are two buttons: a green checkmark and a red X.

2) Go to the Component in the Implemented Interfaces:

Select the following FPM Component Interface:



Re-implement it:



Result:

Implemented Web Dynpro Component Interfaces			
Name	Description	Impleme...	Action
IF_FPM_UI_BUILDING_BLOCK	IF_FPM_UI_BUILDING_BLOCK	○○○	

The following entries are now generated in the tree:

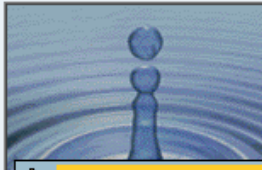
Object Name	Description
ZWDC_IMUNTORE_FPM_OIF_1	First FPM example
COMPONENTCONTROLLER	
Component Interface	
Implemented Interfaces	
IF_FPM_UI_BUILDING_BLOCK	IF_FPM_UI_BUILDING_BLOCK
INTERFACECONTROLLER	

3) Create a Service Call

At the moment, we have no logic created. The idea is to bring a list of users that are at the moment in the system connected. We will create here a Service Call

Object Name	Description	Name
ZWDC_IMUNTORF_FPM_QTE_1	First FPM example	IF_FPM_UI_BUILDING_BLOCK
COMPONENT	Create	Web Dynpro Component (Interface)
Component I	Change	View
Implementer	Display	Window
IF_FPM	Create/Change Configuration	Custom Controller
IN	Check	Service Call
INTERFAC		

Web Dynpro Wizard: Start



You can use this wizard to create a model-oriented controller or enhance an existing model-oriented controller respectively. Based on a service to be selected, the wizard creates an appropriate context and controller attributes and generates a method that contains the necessary code for the context binding and the service call.

- Start
- Select Controller
- Select Service Type
- Select Service
- Adapt Context
- Specify Method Name
- Generate Controller

Back

Continue

Cancel

Start

Select Controller

Select Service Type

Select Service

Adapt Context

Specify Method Name

Generate Controller

• Enter the desired name for a new controller. No controller with the same name is allowed to exist for a component.

• In the event of an already existing controller, use the existing controller.

☐ Create New Controller

☒ Use Existent Controller

Component

ZWDC_IMUNTORE_FPM_OIF_1

Controller

COMPONENTCONTROLLER

Back

Continue

Start

Select Controller

Select Service Type

Select Service

Adapt Context

Specify Method Name

Generate Controller

☒ Function Module

☐ Assistance Class Method

☐ Class Method

☐ Web Service Proxy

Back Continue

Select Service

Adapt Context

Specify Method Name

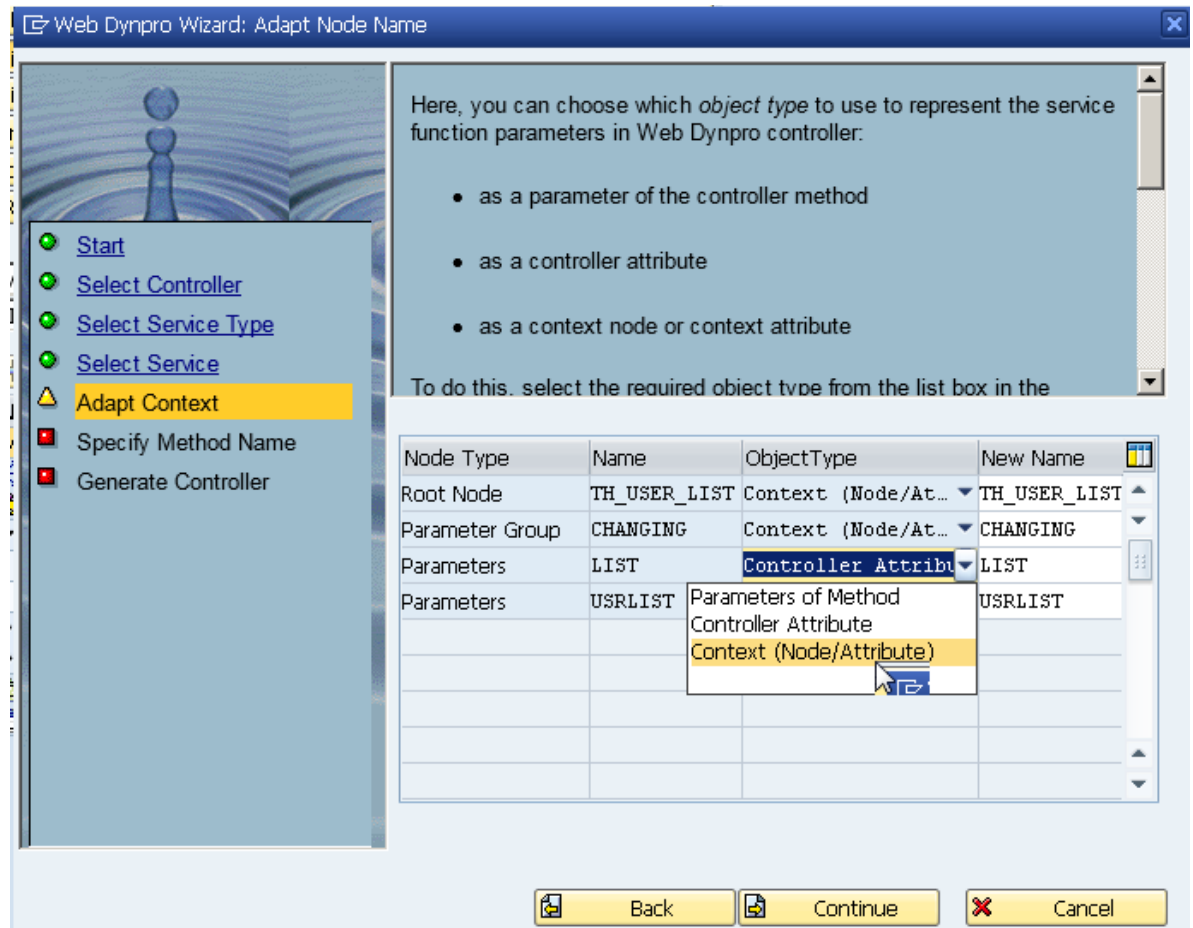
Generate Controller

does not support to call a remote capable function module that does not exist in the current system

Function Module TH_USER_LIST

Destination

Back Continue Ca



Node Type	Name	ObjectType	New Name
Root Node	TH_USER_LIST	Context (Node/At...	TH_USER_LIST
Parameter Group	CHANGING	Context (Node/At...	CHANGING
Parameters	LIST	Controller Attri...	LIST
Parameters	USRLIST	Controller Attribu...	USRLIST
		Parameters of Method	
		Controller Attribute	
		Context (Node/Attribute)	

This screenshot shows the 'Specify Method Name' step of a configuration process. On the left, a sidebar contains three items: 'Adapt Context' (selected with a green circle), 'Specify Method Name' (highlighted in yellow with a yellow triangle), and 'Generate Controller' (marked with a red square). The main area on the right contains a table with the following data:

Component	ZWDC_IMUNTORE_FPM_OIF_1
Controller	COMPONENTCONTROLLER
Method	EXECUTE_TH_USER_LIST
Description	

At the bottom right, there are two buttons: 'Back' and 'Continue'. A mouse cursor is pointing at the 'Continue' button.

This screenshot shows the 'Generate Controller' step of the configuration process. The sidebar on the left now shows 'Specify Method Name' as the previous step and 'Generate Controller' as the current step, highlighted in yellow with a yellow triangle. The main area on the right is a large, empty blue rectangle. At the bottom right, there are two buttons: 'Back' and 'Complete'. A mouse cursor is pointing at the 'Complete' button.

Save and activate everything.

4) Check the Context

Some methods was inherited from the FPM and the Context was brought from the Service

Call Wizard:

Component Controller

COMPONENTCONTROLLER

Active


Properties

Context

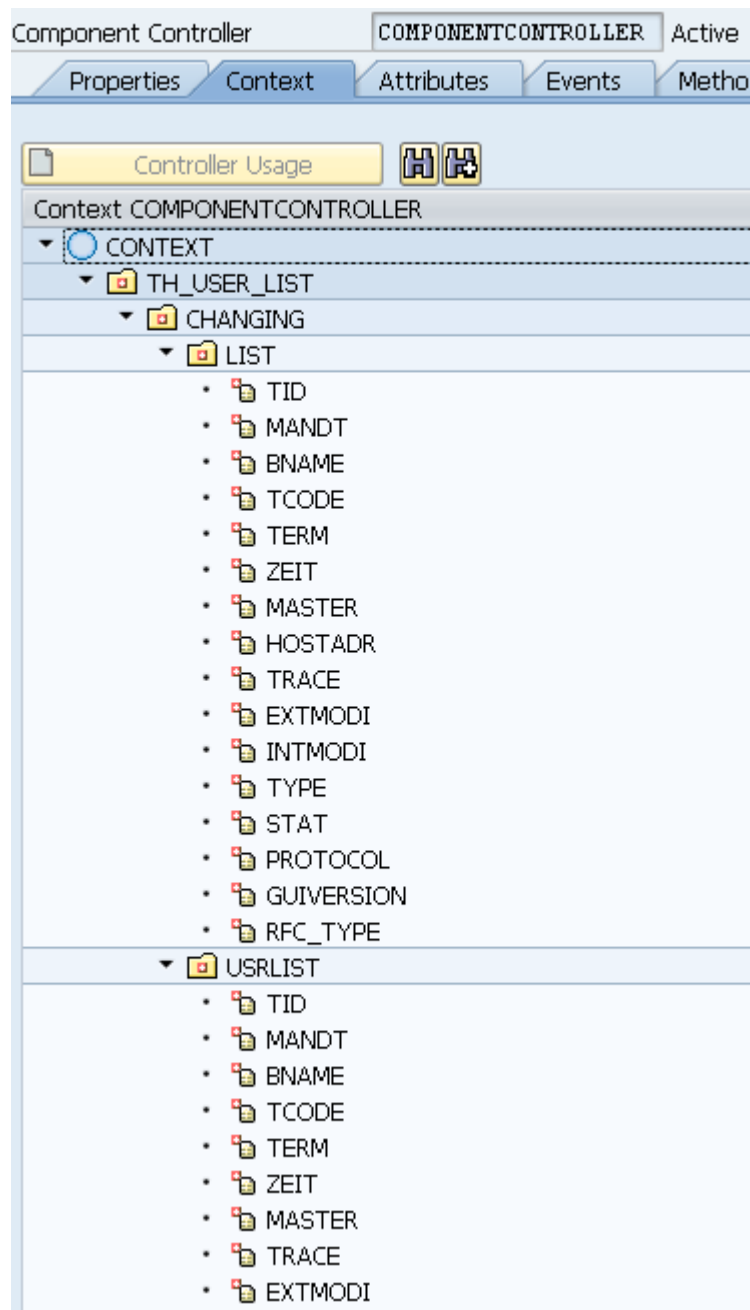
Attributes

Events

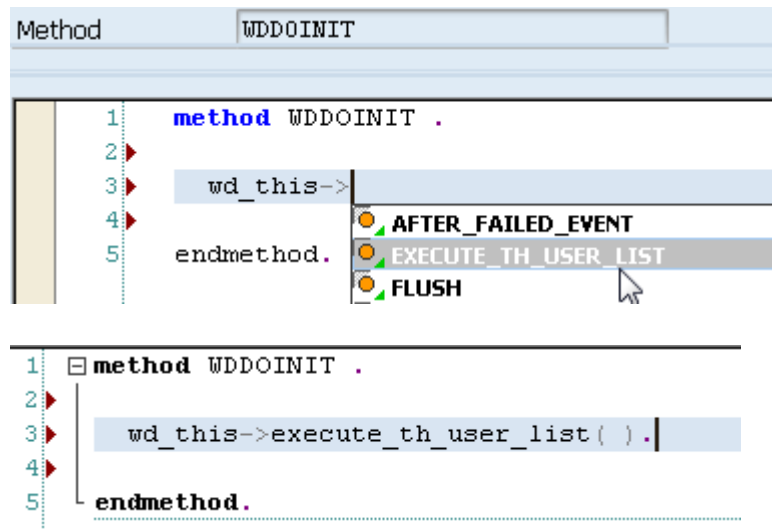
Methods



Method	Method T...	Interfa...	Description	E.. Controller	Comp. Interface
AFTER_FAILED_EVENT	Method ▼	<input type="checkbox"/>			IF_FPM_UI_BUILDING_BLOCK
EXECUTE_TH_USER_LIST	Method ▼	<input type="checkbox"/>			
FLUSH	Method ▼	<input type="checkbox"/>			IF_FPM_UI_BUILDING_BLOCK
NEEDS_CONFIRMATION	Method ▼	<input type="checkbox"/>			IF_FPM_UI_BUILDING_BLOCK
PROCESS_BEFORE_OUTPUT	Method ▼	<input type="checkbox"/>			IF_FPM_UI_BUILDING_BLOCK
PROCESS_EVENT	Method ▼	<input type="checkbox"/>			IF_FPM_UI_BUILDING_BLOCK
WDDOAPPLICATIONSTATECHANGE	Method ▼	<input type="checkbox"/>	Handling for ...		
WDDOBEFORENAVIGATION	Method ▼	<input type="checkbox"/>	Error Handli ...		
WDDOEXIT	Method ▼	<input type="checkbox"/>	Controller Cl ...		
WDDOINIT	Method ▼	<input type="checkbox"/>	Controller In ...		
WDDOPOSTPROCESSING	Method ▼	<input type="checkbox"/>	Preparation ...		

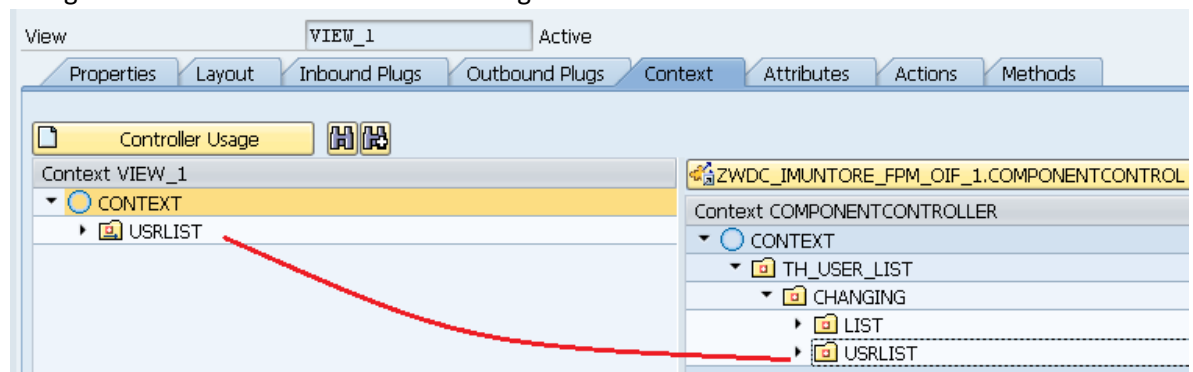


- 5) Creating and Changing Methods
Navigate to the INIT method and code:

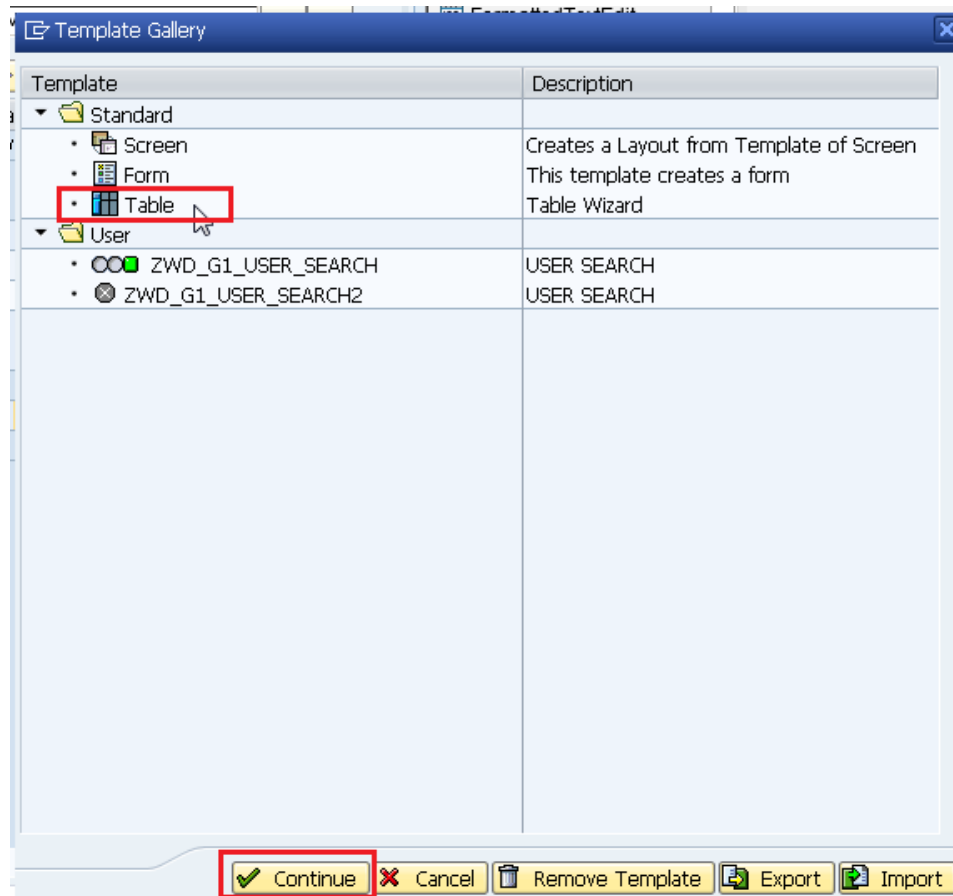
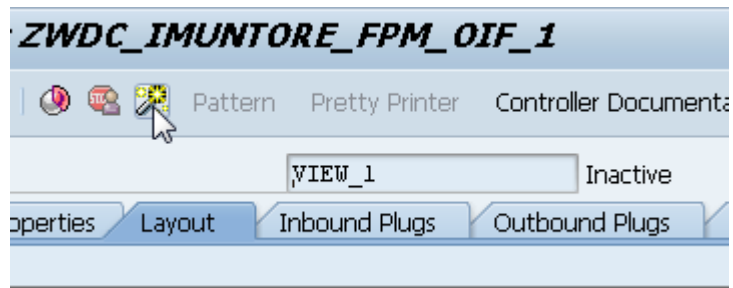


6) View Manipulation


Navigate to the view and bind the following in the Context tab:



Go to the layout tab and click on the Wizard





Create Context Binding for Table "TABLE_1"

Context Node  Context

Standard Cell Editor

Standard Property

Context Attribute	Cell Editor of Table Column	Binding	Name of Property to Be Bound
-------------------	-----------------------------	---------	------------------------------


Choose Context Element

Choose Context Element

Context VIEW_1



- ☐ CONTEXT
- ☒ USRLIST

Create Context Binding for Table "TABLE_1"





Context Node  Context

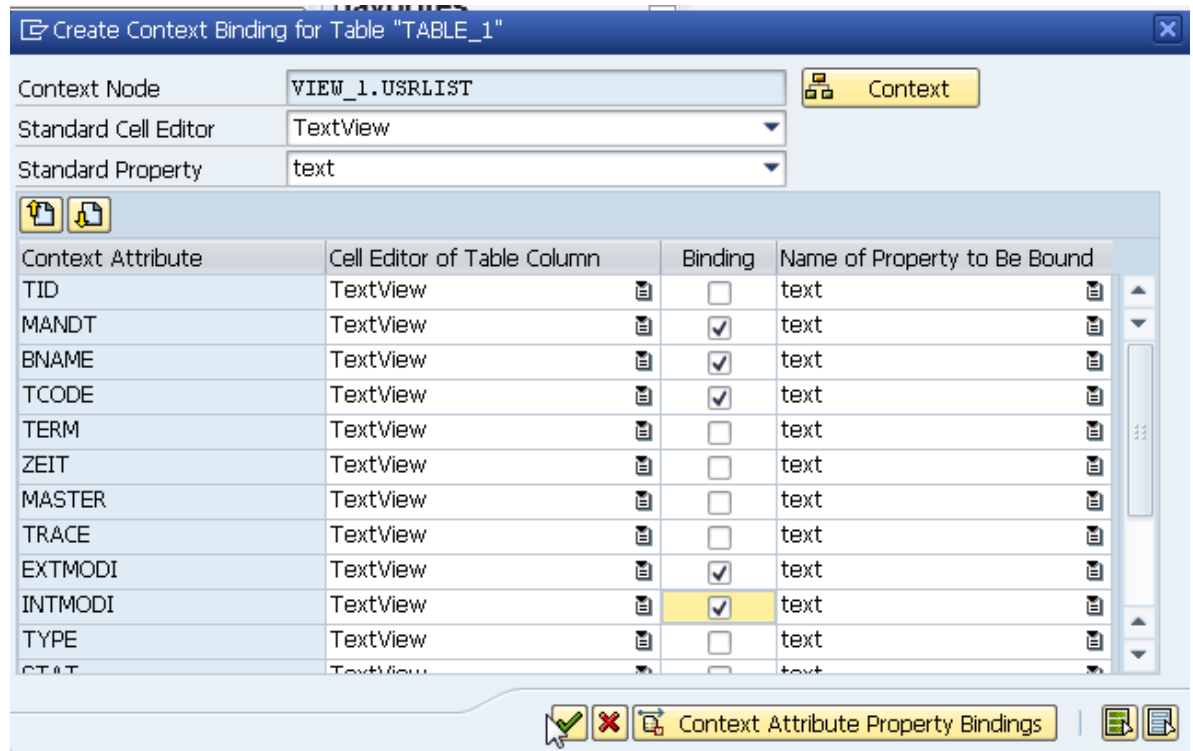
Standard Cell Editor

Standard Property

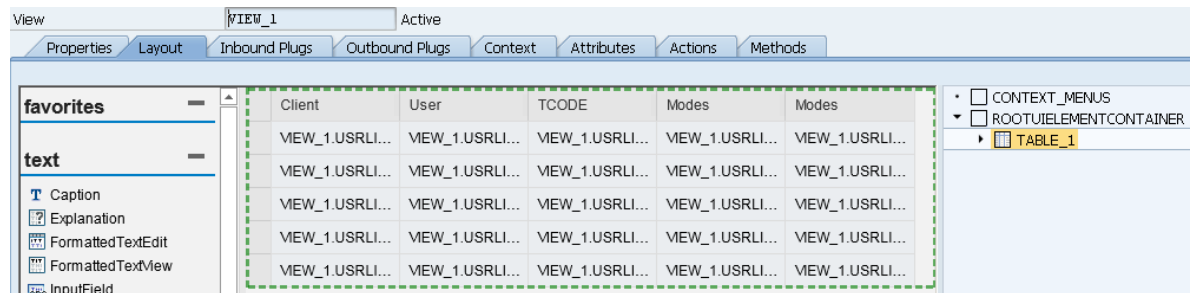
 

Context Attribute	Cell Editor of Table Column	Binding	Name of Property to Be Bound
TID	TextView	<input type="checkbox"/>	text
MANDT	TextView	<input type="checkbox"/>	text
BNAME	TextView	<input type="checkbox"/>	text
TCODE	TextView	<input type="checkbox"/>	text
TERM	TextView	<input type="checkbox"/>	text
ZEIT	TextView	<input type="checkbox"/>	text
MASTER	TextView	<input type="checkbox"/>	text
TRACE	TextView	<input type="checkbox"/>	text
EXTMODI	TextView	<input type="checkbox"/>	text
INTMODI	TextView	<input type="checkbox"/>	text
TYPE	TextView	<input type="checkbox"/>	text
STAT	TextView	<input type="checkbox"/>	text

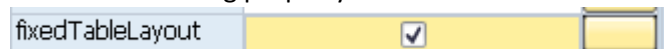
  Context Attribute Property Bindings  



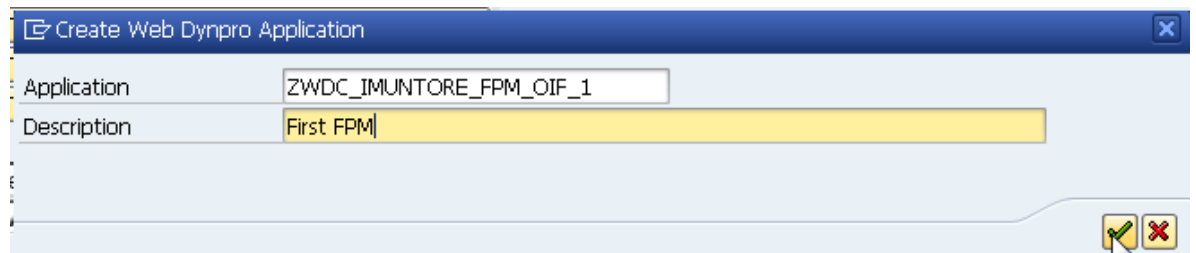
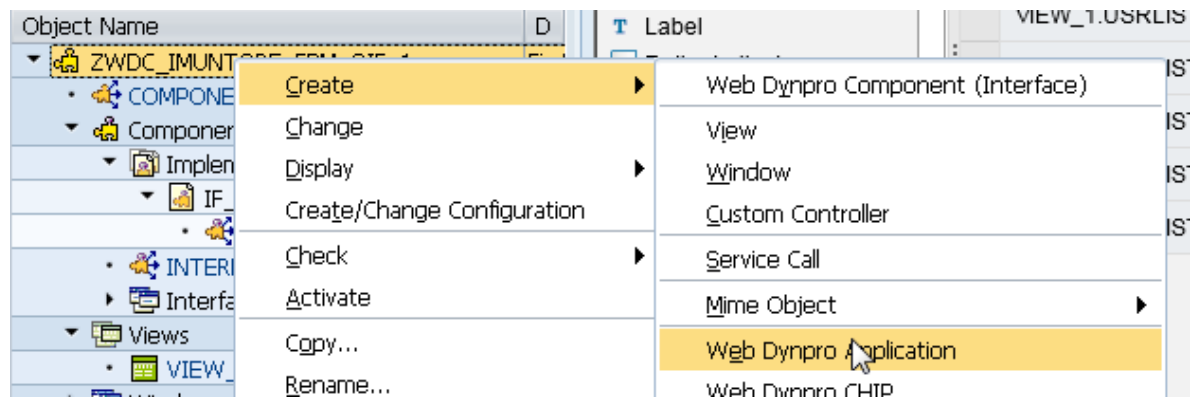
Result:



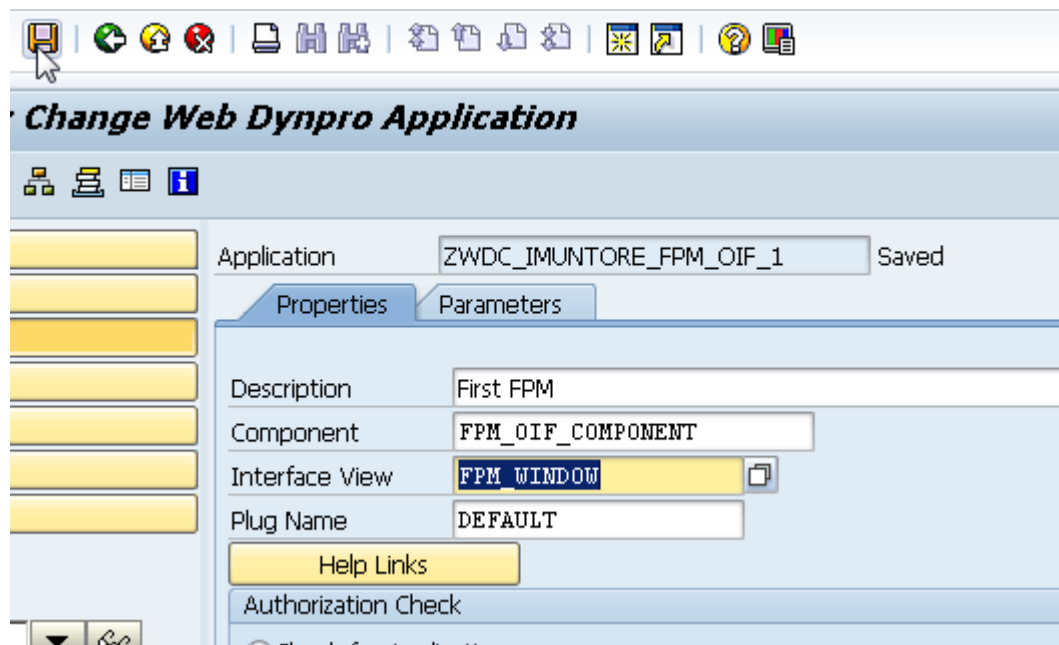
Mark the following property to avoid reallocation during the table scroll down:



7) Create the WDA:

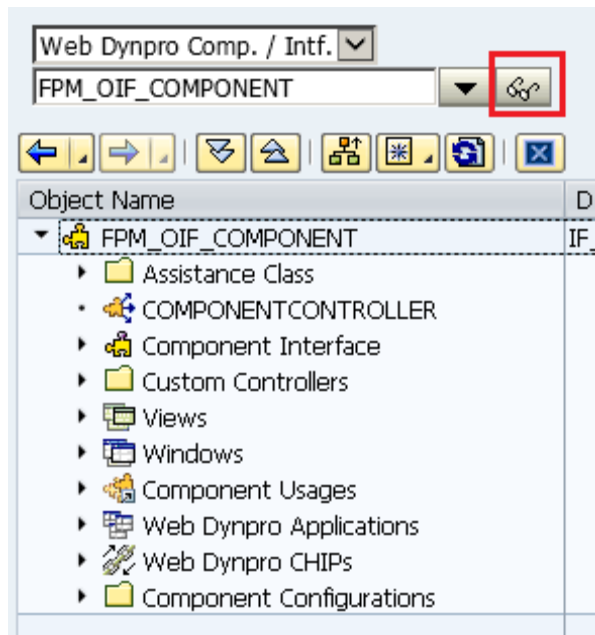



Change the Component as shown below:



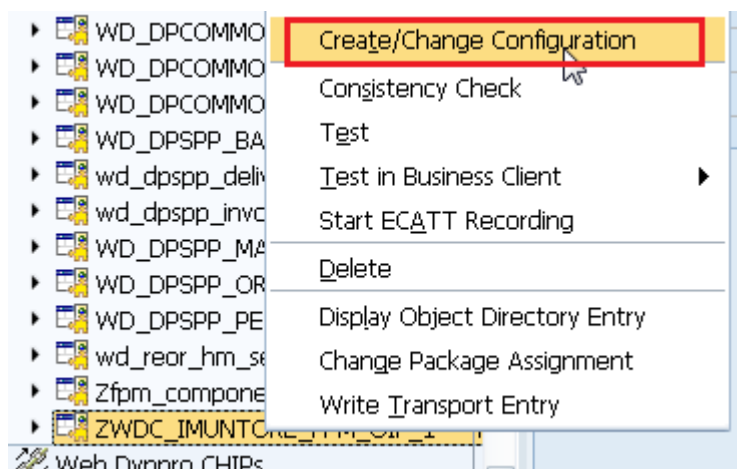
8) Save and Activate everything.

9) Check the FPM in se80 and do the Application and the Components Configuration



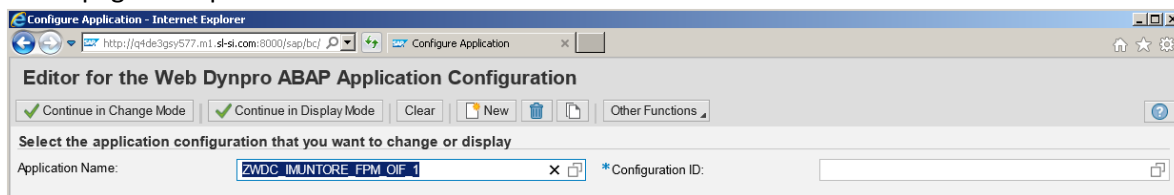
Expand the  Web Dynpro Applications

Create Configuration for our Application

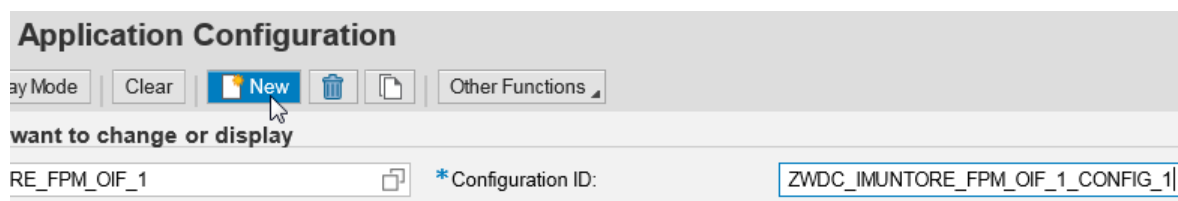


Now here begin the FPM configuration to our Application. It is a little tiresome but when you get used to it, it will become easy to understand:

A webpage will open:



Create, first, the configuration as shown below for the Application:



Create Configuration

Config ID: ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1
Description: First Configuration



Create as a local object:

Select Package

! Fill all required entryfields

Package Selection

Web Dynpro Application Configuration ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_102

* Package:

Technical Information

Object Type: WDCA
Object Name: ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_102



The following screen will be shown:

Application Configuration ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1

Save Cancel Edit Check New Window Enhance Properties Test

Configuration "ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1" created

Assign Web Dynpro Component

Assign Configuration Name

Component Usage	Component	Implementation	Conf
ZWDC_IMUNTORE_FPM_OIF_1	FPM_OIF_COMPONENT	FPM_OIF_COMPONENT	
IDR_USAGE	FPM_IDR_COMPONENT	FPM_IDR_COMPONENT	

Application Parameter

Display Default Values URL Parameter

General

Activate Accessibility Mode (WDACCESSIBILITY): ☐

Use of External Style Sheets (WDUSEEXTERNALSTYLESHEET): External Style Sheets Used

Allow User Agents (WDALLOWEDUSERAGENTS): Tolerated

Allow Multiple Actions per Round Trip (WDALLOWMULTIPLEACTIONS): ☒

Quickviews for MouseOver (WDALLOWQUICKVIEWS): ☒

Default Values for Input Fields (WDALLOWVALUESUGGEST): Value Suggest is Activated

Configuration Name (WDCONFIGURATIONID):

Delta Rendering (WDELTA_RENDERING): Default Setting

Deactivate Download Resources for File Download, ActiveX etc (WDDISABLEDYNAMICRE...): ☐

Scroll Behavior of Tables (WDTABLENAVIGATION): Default

Application Starts with a Loading Animation (WDDISPLAYLOADINGPAGE): Automatic: Animation is displayed. Start with two roundtrips

History of Input Fields (WDENABLEFIELDHISTORY): ☒

File Download in Separate Browser Window (WDENABLESECUREFILEDOWNLOAD): ☐

Permit eCatt Rendering (WDENABLEXBCMLCLIENT): ☒

Save it:

Application Configuration ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1

Save Cancel Edit Check New Window Enhance Properties Test

Assign the Component to the Configuration ID:

Application Configuration ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1

Save Cancel Edit Check New Window Enhance Properties Test



Assign Web Dynpro Component

Assign Configuration Name

Component Usage	Component
ZWDC_IMUNTORE_FPM_OIF_1	FPM_OIF_COMPONENT
IDR_USAGE	FPM_IDR_COMPONENT


Assign Configuration Name




Web Dynpro Component:	<input type="text" value="FPM_OIF_COMPONENT"/>
Implementation:	<input type="text" value="FPM_OIF_COMPONENT"/>
Configuration ID:	<input type="text" value="ZWDC_IMUNTORE_FPM_OIF_COMP"/>  

Save it

Application Configuration ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1

 Specified Configuration ZWDC_IMUNTORE_FPM_OIF_COMP Does Not Exist


 Data has been saved

Click on the link to the Configuration as shown below:

Configuration Name
ZWDC_IMUNTORE_FPM_OIF_COMP

Create Configuration



Config ID:	<input type="text" value="ZWDC_IMUNTORE_FPM_OIF_COMP"/>
Description:	<input type="text" value="Config to the Component"/> 

Select Package



Package Selection

Web Dynpro Component Configuratio ZWDC_IMUNTORE_FPM_OIF_COMP 00

*Package:

[More Values \(F4\)...](#)

Technical Information

Object Type: WDCC

Object Name: ZWDC_IMUNTORE_FPM_OIF_COMP 00

OK Local Object Cancel

The following screen will open:

Component Configuration ZWDC_IMUNTORE_FPM_OIF_COMP, Variant "VARIANT_1"

Save Cancel Edit Save Draft Load Draft Undo Redo Check Additional Functions

Configuration "ZWDC_IMUNTORE_FPM_OIF_COMP" created

Enter a valid component for UIBB (Window Name)

Enter a valid window name for UIBB

Navigation Repositories

Type	ID	Name
Variant	VARIANT_1	VARIANT_1
Main Screens		

ZWDC_IMUNTORE_FPM_OIF_1: ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1 > OIF: ZWDC_IMUNTORE_FPM_OIF_COMP

General Settings

Preview Show UIBB Preview

Application title

Save

Main View 1

Subview 1 1

Component Name:
Window Name:
No Configuration Name

Object Instance Schema Toolbar Schema Wire Schema

Main View Subview Explanation UIBB Up Down Configure UIBB Configure IDR

Element Component Confio ID Window Name

Attributes of Main View: Main View 1 Final Flags

Standard Attributes

Attribute	Value	Sequence Index	Hidden Element
Main View ID:	MAINVIEW_1		
Main View Name:	Main View 1		


Here we will be able to configure our View as we want to:

Application title

Save

Main View 1


Subview 1 1


Component Name:
Window Name:
No Configuration Name


Object Instance Schema


Toolbar Schema


Wire Schema

Main View

Subview

Explanation

UIBB



Up

Down

Element

Component

Config ID

Attributes of Main View: Main View 1

Standard Attributes

Main View ID:

MAINVIEW_1

Sequence Index:

Main View Name:

User List

Hidden Element:


Save it:  Save


Click on the SubView and set the Subview name:


Object Instance Schema


Toolbar Schema


Wire Schema

Main View

Subview

Explanation

UIBB



Up

Down

Element

Component

▼ Main View: User List

▼ Subview: User List

UIBB: (1)

ZWDC_IMUNTORE_FPI

Attributes of Subview: User List

Standard Attributes

Subview ID:

SUBMEW_1_1

Subview Name:

User List

We need to fill some obligatory fields:

Object Instance Schema			
Toolbar Schema Wire Schema			
Main View Subview Explanation UIBB Up Down Configure UIBB			
Element	Component	Config ID	Window Name
Main View: User List			
Subview: Subview 1 1			
UIBB: (1)			

UIBB(User Interface Building Blocks): are components that implement the IF_FPM_UI_BUILDING_BLOCK interface.

Search: Component



Search Criteria

Hide Search Criteria

Web Dynpro Component	zwdc*	X	+	-
Description			+	-
Search Clear Entries Reset to Default				

Select our Component by clicking on it

Search: Component



Search Criteria

Hide Search Criteria

Web Dynpro Component	ZWDC*	X	+	-
Description	First FPM example		+	-
Search Clear Entries Reset to Default				

Results List: 1 results found for Component

Component	Description
ZWDC_IMJNTORE_FPM_OIF_1	First FPM example

As we can see, the Component and the Window of the UIBB was automatically fed:

Object Instance Schema			
Main View Subview Explanation UIBB Up Down			
Element	Component	Config ID	Window Name
▼ Main View: User List			
▼ Subview: User List			
UIBB: (1)	ZWDC_IMUNTORE_FPM		WINDOW_1

Save it and Check:



✓ No errors found

Come back to the Configuration Application:

Assign Web Dynpro Component			
Assign Configuration Name	Component Usage	Component	Implementation
	▼ ZWDC_IMUNTORE_FPM_OIF_1	FPM_OIF_COMPONENT	FPM_OIF_COMPONENT
	IDR_USAGE	FPM_IDR_COMPONENT	FPM_IDR_COMPONENT

Select the IDR_USAGE and Click in Assign Configuration Name:

Assign Web Dynpro Component			
Assign Configuration Name	Component Usage	Component	Implementation
	▼ ZWDC_IMUNTORE_FPM_OIF_1	FPM_OIF_COMPONENT	FPM_OIF_COMPONENT
	IDR_USAGE	FPM_IDR_COMPONENT	FPM_IDR_COMPONENT

Choose a name and confirm:

Assign Configuration Name ✕

Web Dynpro Component:

FPM_IDR_COMPONENT

Implementation:

FPM_IDR_COMPONENT

Configuration ID:

ZWDC_IMUNTORE_FPM_IDR_COMP ✕ 📄

OK

Cancel

Save it and click in the new IDR Configuration:

Configuration Name
ZWDC_IMUNTORE_FPM_OIF_COMP
ZWDC_IMUNTORE_FPM_IDR_COMP

Create a description for it and save as local.

Create Configuration



Config ID:	ZWDC_IMUNTORE_FPM_IDR_COMP
Description:	IDR Config

OK	Cancel
----	--------

Select Package



Package Selection

Web Dynpro Component Configuratio ZWDC_IMUNTORE_FPM_IDR_COMP 00

* Package:	
------------	--

Technical Information

Object Type:	WDCC
Object Name:	ZWDC_IMUNTORE_FPM_IDR_COMP 00

OK	Local Object	Cancel
----	--------------	--------

The following window will appear:

Component Configuration ZWDC_IMUNTORE_FPM_IDR_COMP

Save Cancel Edit Save Draft Load Draft Undo Redo Check Additional Functions

Configuration "ZWDC_IMUNTORE_FPM_IDR_COMP" created

ZWDC_IMUNTORE_FPM_OIF_1: ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1 > IDR: ZWDC_IMUNTORE_FPM_IDR_COMP

Preview

Application title

Identification Region Schema

Attributes of IDR Basic Final Flags

Standard Attributes

Application Title: Tooltip of title:

Give a name to the title and save it:

Component Configuration ZWDC_IMUNTORE_FPM_IDR_COMP

Save Cancel Edit Save Draft Load Draft Undo Redo Check Additional Functions

Data has been saved

ZWDC_IMUNTORE_FPM_OIF_1: ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1 > IDR: ZWDC_IMUNTORE_FPM_IDR_COMP

Preview

List of current users

Identification Region Schema

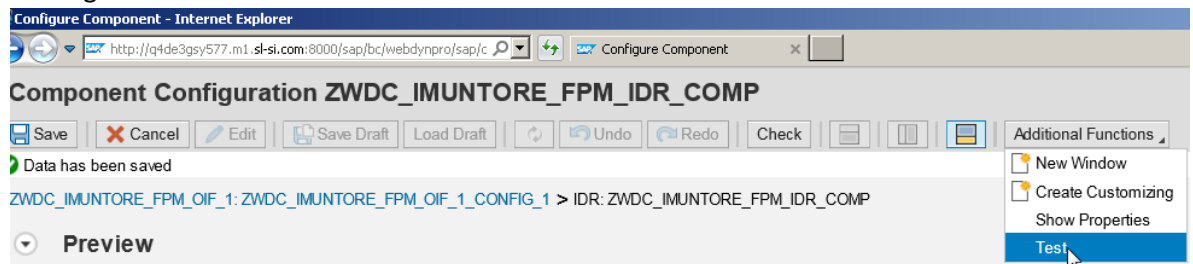
Element	Application Title	Ticket Bottom	Ticket Top
IDR Basic	List of current users		

Attributes of IDR Basic

Standard Attributes

Application Title: List of current users Tooltip of title: My First FPMApp

10) Testing



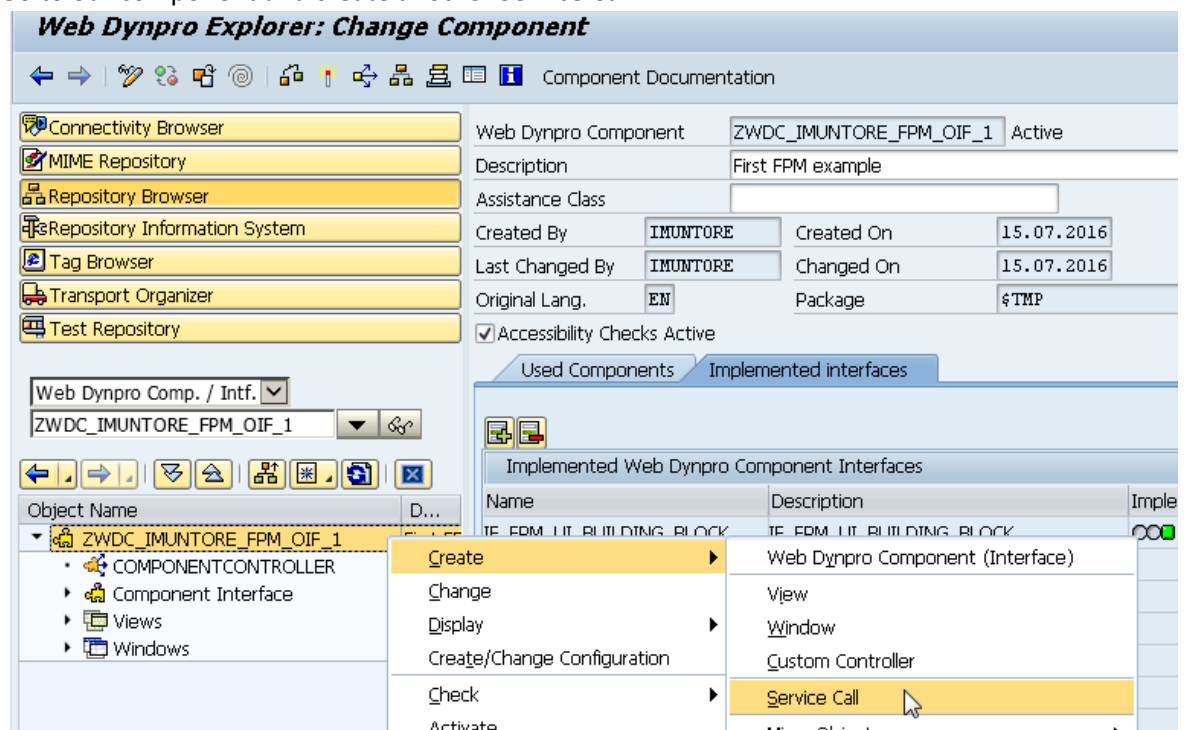
Result:

Client	User	Modes	Modes	TCODE
000	SAP_WSRT	1	1	1
000	SAP_WSRT	1	1	1
800	ALISCHWA	1	2	SPRO
800	BGRFC_SUPER	1	1	1
800	BGRFC_SUPER	1	1	1

11) Understanding what we have done

- Until this moment, we just create our WD Component, Application and the assignment of that to the FPM thought the Implemented Interface IF_FPM_UI_BUILDING_BLOCK.
- We have also used the OIF FPM configurator to set up our Application.
- After the next steps you will understand better the utility of the Floorplan OIF.

12) Go to our component and create another Service Call:



Follow the steps:

This screenshot shows the 'Select Controller' step of a wizard. The left sidebar contains a list of steps: Start, Select Controller (highlighted), Select Service Type, Select Service, Adapt Context, Specify Method Name, and Generate Controller. The main area has two bullet points: 'Enter the desired name for a new controller. No controller with the same name is allowed to exist in this component.' and 'In the event of an already existing controller, use the existing controller.' Below these are two radio buttons: 'Create New Controller' and 'Use Existent Controller' (which is selected). There are two text input fields: 'Component' with the value 'ZWDC_IMUNTORE_FPM_OIF_1' and 'Controller' with the value 'COMPONENTCONTROLLER'. At the bottom are 'Back' and 'Continue' buttons.

Start

Select Controller

Select Service Type

Select Service

Adapt Context

Specify Method Name

Generate Controller

- Enter the desired name for a new controller. No controller with the same name is allowed to exist in this component.
- In the event of an already existing controller, use the existing controller.

☐ Create New Controller

☒ Use Existent Controller

Component: ZWDC_IMUNTORE_FPM_OIF_1

Controller: COMPONENTCONTROLLER

Back Continue

This screenshot shows the 'Select Service Type' step of a wizard. The left sidebar contains a list of steps: Start, Select Controller, Select Service Type (highlighted), Select Service, Adapt Context, Specify Method Name, and Generate Controller. The main area has four radio buttons: 'Function Module' (selected), 'Assistance Class Method', 'Class Method', and 'Web Service Proxy'. At the bottom are 'Back' and 'Continue' buttons.

Start

Select Controller

Select Service Type

Select Service

Adapt Context

Specify Method Name

Generate Controller

☒ Function Module

☐ Assistance Class Method

☐ Class Method

☐ Web Service Proxy

Back Continue

The function TH_WPINFO returns the current processes that are being running in the system

Specify an RPC destination that is to be used when calling a function module. If you do not specify a destination, the function is called locally.

Note: The function module must exist in the current system. The system does not support to call a remote capable function module that does not exist in the current system.

Function Module: TH_WPINFO

Destination:

Back Continue

To do this, select the required object type from the list box in the

Node Type	Name	ObjectType	New Name
Root Node	TH_WPINFO	Context (Node/At...	TH_WPINFO
Parameter Group	IMPORTING	Context (Node/At...	IMPORTING
Parameters	SRVNAME	Controller Attri...	SRVNAME
Parameters	WITH_CPU	Controller Attri...	WITH_CPU
Parameters	WITH_MTX_INFO	Controller Attri...	WITH_MTX_INFO
Parameters	MAX_ELEMS	Controller Attri...	MAX_ELEMS
Parameter Group	CHANGING	Context (Node/At...	CHANGING_1
Parameters	WPLIST	Controller Attrib...	WPLIST

Parameters of Method
Controller Attribute
Context (Node/Attribute)

Back Continue Cancel

Specify Method Name

Generate Controller

Component	ZWDC_IMUNTORE_FPM_OIF_1
Controller	COMPONENTCONTROLLER
Method	EXECUTE_TH_WPINFO
Description	

Back Continue

Start

Select Controller

Select Service Type

Select Service

Adapt Context

Specify Method Name

Generate Controller

You can also cancel the wizard at this position. However, before are lost.

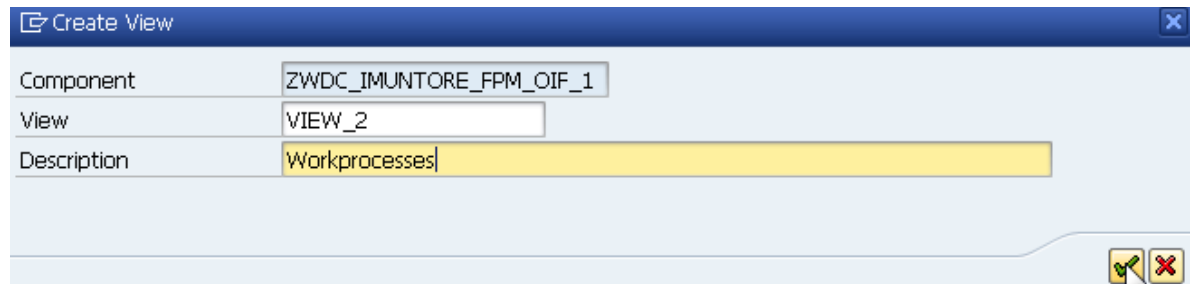
Back Complete

13) Go to the Component Controller methods

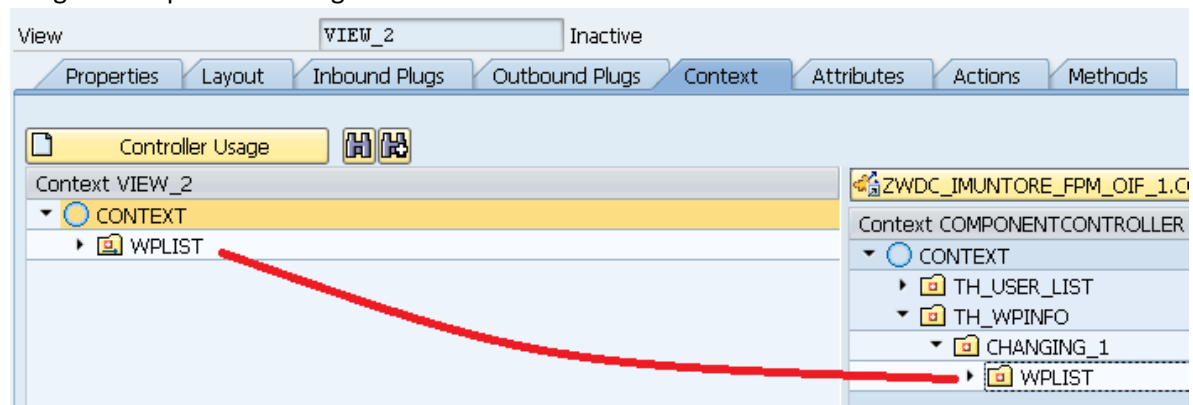
- a. Inside the method WDDOINIT, code:

```
1  method WDDOINIT .  
2  
3      wd_this->execute_th_user_list( ).  
4      wd_this->execute_th_wpinfo( ).  
5  
6  endmethod.
```

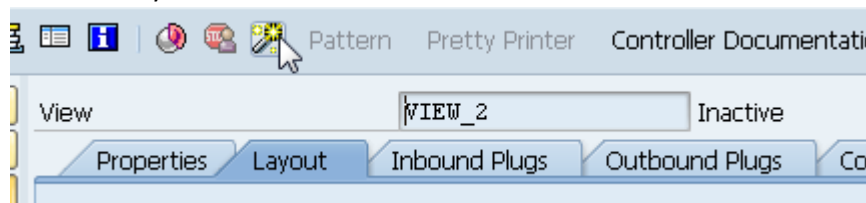
14) Create a New View:

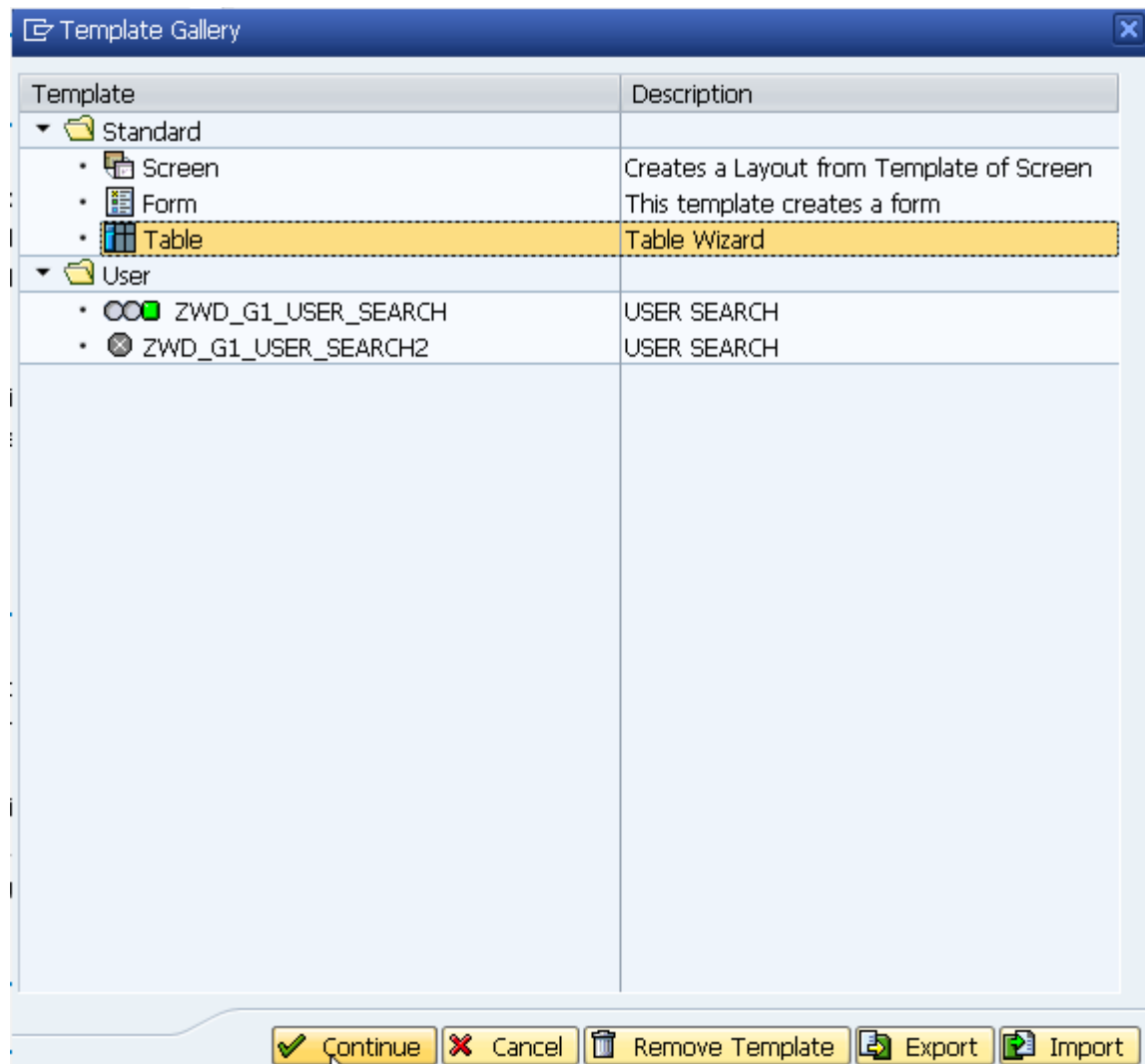


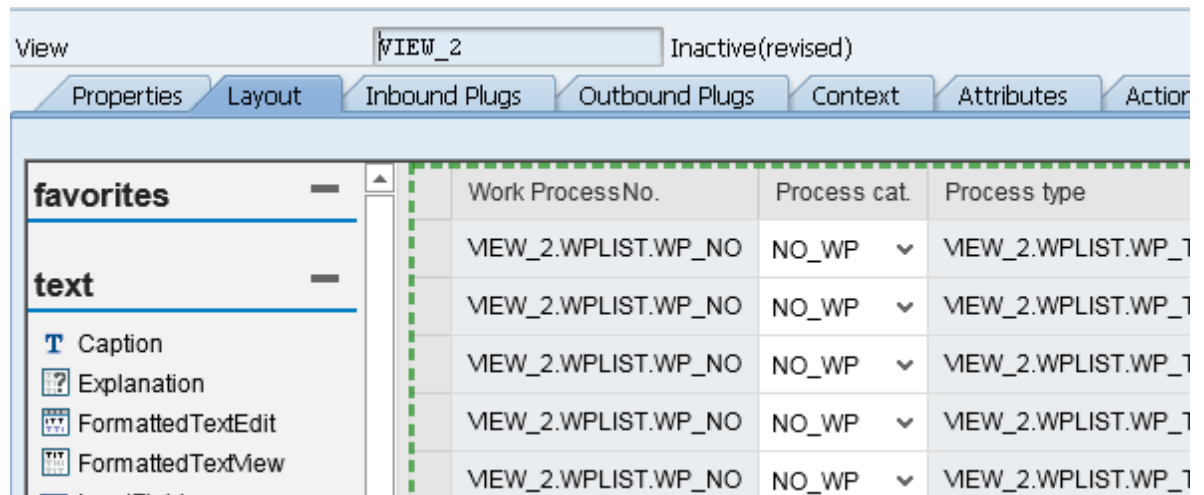
Drag and drop the following Node from the COMPONENTCONTROLLER context:



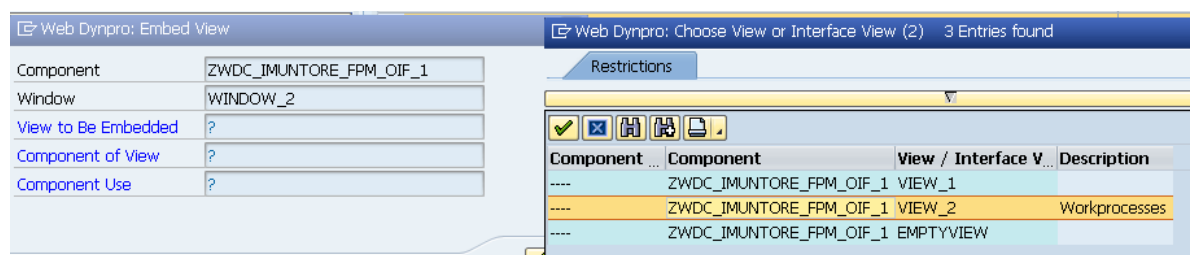
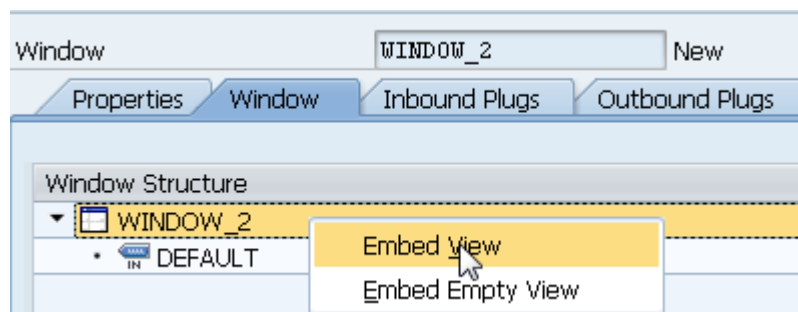
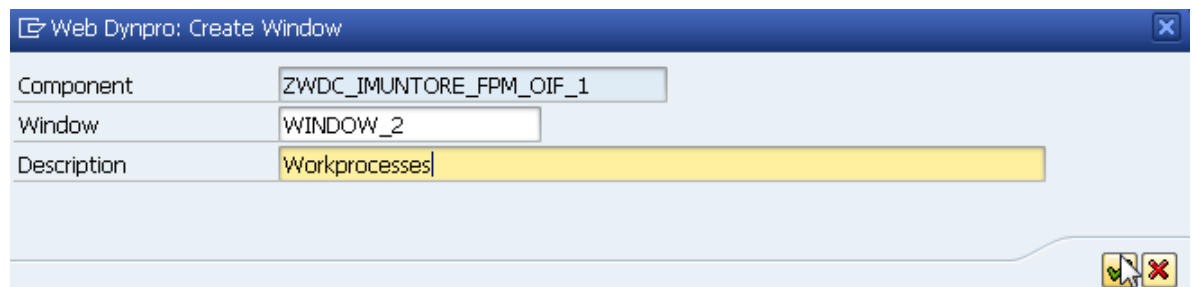
Go to the layout tab and create with the wizard:







15) Create a new window:



Web Dynpro: Embed View

Component	ZWDC_IMUNTORE_FPM_OIF_1
Window	WINDOW_2
View to Be Embedded	VIEW_2
Component of View	ZWDC_IMUNTORE_FPM_OIF_1
Component Use	----

Save and Activate.

16) Starting the FPM OIF Configuration

Web Dynpro Explorer: Display Web Dynpro Configuration

Start Configurator Display Configuration

Connectivity Browser
 MIME Repository
 Repository Browser
 Repository Information System
 Tag Browser
 Transport Organizer
 Test Repository

Web Dynpro Comp. / Intf. ▼
 FPM_OIF_COMPONENT

Object Name	Description
WDA_WSSD_CUST	Retail Store: Customer Ma
WDA_WSSO_DLV	Deliver Goods application
WDA_WSSO_DLV_CANCEL	Cancel Order Fulfillment
wda_wsti_inv_doc_cnt	Physical Inventory Count
wda_wsti_inv_doc_diff	Physical Inventory Differer
wda_wsti_inv_doc_pdc_mon	Mobile Device Monitor Phy
WDA_WSTI_QAF_INV_DOC_SEARCH	Search Physical Inventory
WD_DPCOMMON_ATTACHED_DOWN	Configured OIF application
WD_DPCOMMON_ATTACHED_UP	Configured OIF application
WD_DPCOMMON_ATTACHED_UPDOWN	
WD_DPSP_BASKET	Spare Parts: Manage bask
wd_dpssp_delivery	Spare Parts: delivery appli
wd_dpssp_invoice	
WD_DPSP_MATERIAL	Spare Parts: Display Mater
WD_DPSP_ORDER	Spare Parts: order applica
WD_DPSP_PERSONALIZATION	Spare Parts: Personalizati
wd_reor_hm_services	Accommodations Manager
Zfpm_component	NGDC FPM Component
ZWDC_IMUNTORE_FPM_OIF_1	First FPM
Applic. Configurations	
ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1	First Configuration

Editor for the Web Dynpro ABAP Application Configuration

Select the application configuration that you want to change or display

Application Name: * Configuration ID:

The following window will open:

Application Configuration ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1

Assign Web Dynpro Component

Assign Configuration Name

Component Usage	Component	Implementation	Configuration Name
ZWDC_IMUNTORE_FPM_OIF_1	FPM_OIF_COMPONENT	FPM_OIF_COMPONENT	ZWDC_IMUNTORE_FPM_OIF_COMP
IDR_USAGE	FPM_IDR_COMPONENT	FPM_IDR_COMPONENT	ZWDC_IMUNTORE_FPM_IDR_COMP

Application Parameter

General

Activate Accessibility Mode (WDACCESSIBILITY): ☐
 Use of External Style Sheets (WDUSEEXTERNALSTYLESHEET):
 Allow User Agents (WDALLOWEDUSERAGENTS):
 Allow Multiple Actions per Round Trip (WDALLOWMULTIPLEACTIONS): ☒
 Quickviews for MouseOver (WDALLOWQUICKVIEWS): ☒
 Default Values for Input Fields (WDALLOWVALUESUGGEST):

Click here:

Configuration Name

ZWDC_IMUNTORE_FPM_OIF_COMP

Add a Main View:

Component Configuration ZWDC_IMUNTORE_FPM_OIF_COI

Navigation Repositories

Type	ID	Name
Variant	VARIANT_1	VARIANT_1
Main Screens		

ZWDC_IMUNTORE_FPM_OIF_1: ZWDC_IMUNT

General Settings

Preview

Object Instance Schema

Element

- Main View: User List
 - Subview: User List
 - UIBB: (1)

Main View: Main View 2			
Subview: Subview 2 1			
UIBB: (1)			UIBB_2_1_1

Fill the red fields:

▼ Main View: Main View 2			
▼ Subview: Subview 2 1			
UIBB: (1)	ZWDC_IMUNTORE_FPM_OIF_1		WINDOW_2

Update the view name:

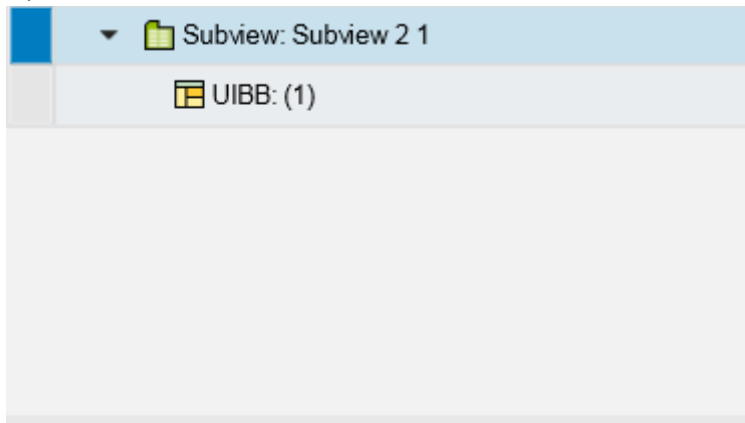
▼ Main View: Work Processes
▼ Subview: Subview 2 1
UIBB: (1)

Attributes of Main View: Work Processes

Standard Attributes

Main View ID:	MAINMEW_2
Main View Name:	Work Processes

Update the sub view name:



Attributes of Subview: Subview 2 1

Standard Attributes

Subview ID:	SUBMEW_2_1
Subview Name:	Work Processes

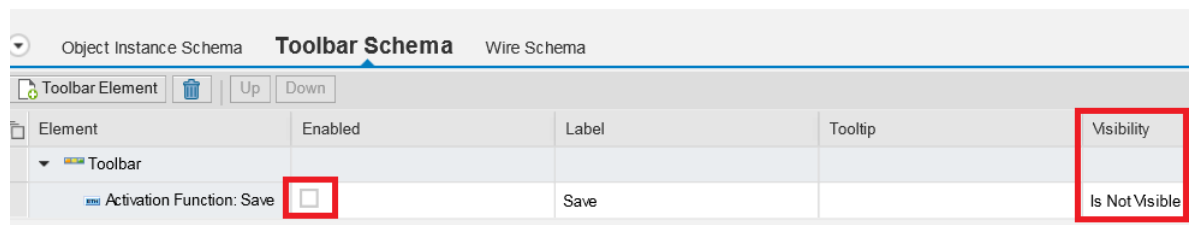
Save it



17) Toolbar Schema

Here you can configure your toolbar:

Disable the Save Function and its Visibility



18) Test it!



List of current users

Tollbar

User List

Work Processes

View 1 and View 2

Client	User	Modes	Modes	TCODE
000	SAPSYS	1	1	SESSION_MANAGER
000	SAP_WSRT	1	1	
000	SAP_WSRT	1	1	
800	BGRFC_SUPER	1	1	
800	BGRFC_SUPER	1	1	

19) Executing the WDA:

Open the WDA ZWDC_IMUNTORE_FPM_OIF_1 and try to execute. You will get the following error:



Configure the WDA as shown below:

Application: ZWDC_IMUNTORE_FPM_OIF_1 Saved

Properties Parameters

Description: First FPM

Component: FPM_OIF_COMPONENT

Interface View: FPM_WINDOW

Plug Name: DEFAULT

Help Links

Authorization Check

☐ Check for Application

☒ Check for Application and Application Configuration

Handling of Messages

☒ Show Message Component on Demand

☐ Always Display Message Component

Go to the Parameters tab:

Application: ZWDC_IMUNTORE_FPM_OIF_1 Revised

Properties Parameters

Parameters Value

WDCONFIGURATIONID	ZWDC_IMUNTORE_FPM_OIF_1_CONFIG_1
-------------------	----------------------------------

Save and Run:

List of current users	
User List	Work Processes
Client	User
000	SAPSYS
000	SAP_WSRT
000	SAP_WSRT
800	BGRFC_SUPER
800	BGRFC_SUPER

List of current users						
User List		Work Processes				
	Work ProcessNo.	Process cat.	Process type	Process PID	Status	Statu
	0	Dialog ▼	DIA	5404	2	Waiti
	1	Dialog ▼	DIA	5484	2	Waiti
	2	Dialog ▼	DIA	4908	2	Waiti
	3	Dialog ▼	DIA	5476	2	Waiti
	4	Dialog ▼	DIA	5504	2	Waiti

20) Homework:

- Change the FPM title from “List of current users” to “My Views”
- Create a third tab with reference to some of your created WD Components.

List of current users	
User List	Work Processes
Third tab	
Client	User
000	SAPSYS
000	SAP_WSR
000	SAP_WSR
800	BGRFC_SUPER
800	BGRFC_SUPER

- Start the FPM Configurator, create a new “Refresh” button in the Tollbar by changing the Tollbar Schema inside the OIF Component
[ZWDC_IMUNTORE_FPM_OIF_COMP](#).
- Create an event to the Refresh button inside the Method “PROCESS_EVENT” in the COMPONENTCONTROLLER. The idea is: when the user presses the button, call the methods below again:

```
wd_this->execute_th_user_list( ).
wd_this->execute_th_wpinfo( ).
```

i.