



Web Dynpro ABAP

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Enhancing the WebDynpro Component and Methods

This article explains how to enhance a standard webdynpro componet and methods of view/component controller methods.

Follow the steps to enhance a webdynpro component

1. Open the WebDynpro component which you want to enhance from SE80 transaction.

Web Dynpro Explorer: Display Component

Web Dynpro Component: **SALV_WD_TABLE** Active

Description: **ALV Component**

Assistance Class:

Created By: **SAP** Created On: **08/31/2004**

Last Changed By: **SAP** Changed On: **03/16/2007**

Original Lang.: **DE** Package: **SALV_WD_UI**

☒ Accessibility Checks Active

Used Components | Implemented interfaces

Component Use	Component	Description of Component
RT_ANALYSIS	SALV_WD_RT_ANALYZER	Ermöglicht die Laufzeitanalyse der WD ALV Komponente
SALV_WD_EXPORT_UI	SALV_WD_EXPORT_UI	Dialog Window Export
SALV_WD_LAYOUT_UI_E	SALV_WD_LAYOUT_UI	Dialog Box Settings
SALV_WD_LAYOUT_UI_I	SALV_WD_LAYOUT_UI	Dialog Box Settings
SALV_WD_LAYOUT_UI_P	SALV_WD_LAYOUT_UI	Dialog Box Settings

2. To enhance any WebDynpro component we will use the Function Enhance (Ctrl + F4).

Web Dynpro Explorer: Display Component

Web Dynpro Component: **SALV_WD_TABLE** Active

Description: **ALV Component**

Assistance Class:

Created By: **SAP** Created On: **08/31/2004**

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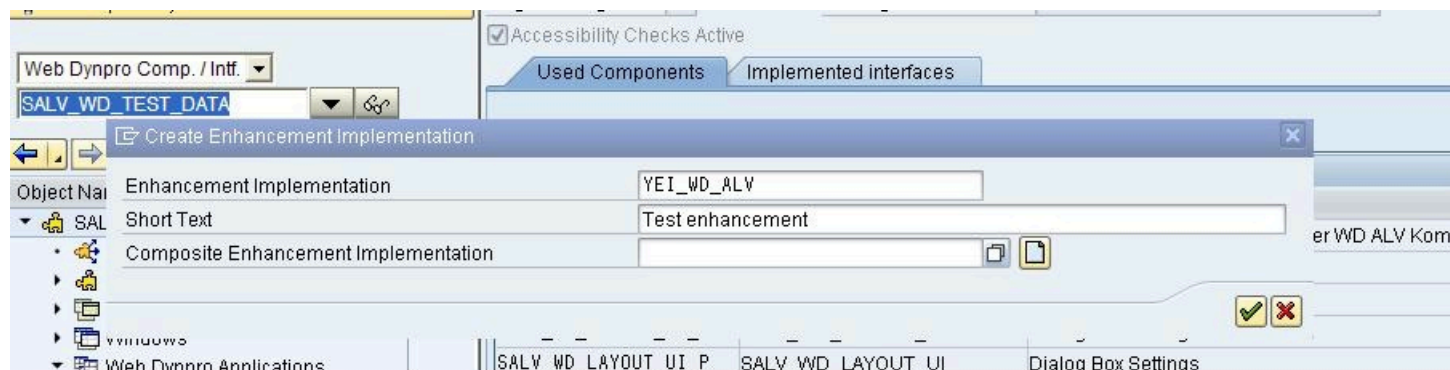
Original Lang.: **DE** Package: **SALV_WD_UI**

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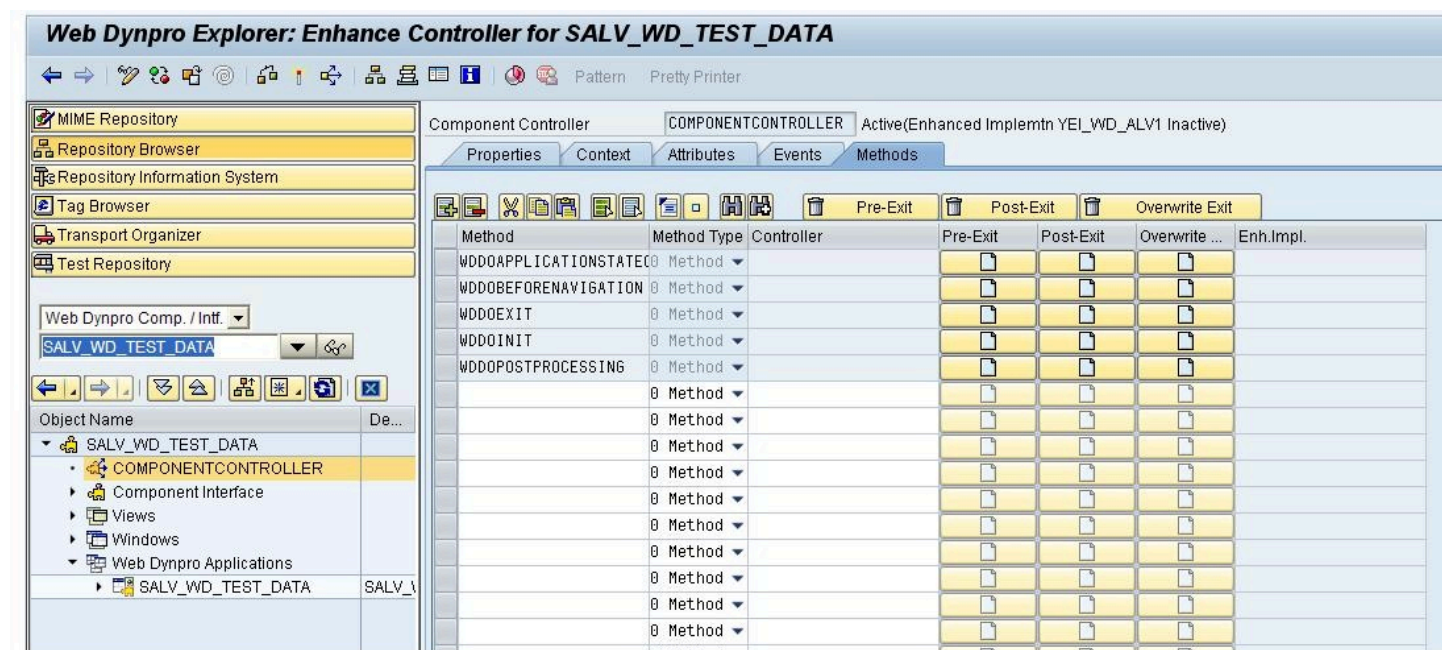
Used Components | Implemented interfaces

Component Use	Component	Description of Component
RT_ANALYSIS	SALV_WD_RT_ANALYZER	Ermöglicht die Laufzeitanalyse der WD ALV Komponente
SALV_WD_EXPORT_UI	SALV_WD_EXPORT_UI	Dialog Window Export
SALV_WD_LAYOUT_UI_E	SALV_WD_LAYOUT_UI	Dialog Box Settings
SALV_WD_LAYOUT_UI_I	SALV_WD_LAYOUT_UI	Dialog Box Settings
SALV_WD_LAYOUT_UI_P	SALV_WD_LAYOUT_UI	Dialog Box Settings

3. Now specify the enhancement name and short description, here we can add the additional component usages.



4. To modify the component Controller methods use the Enhance option from the tool bar and we will be able to enhance the methods of component controller.



5. To modify/enhance the methods we have three options "Pre exit" , "Overwrite exit" and "Post exit"

Pre exit will trigger before the logic implemented in the method , post exit will trigger after the logic implemented in the method, overwrite will completely overwrite the existing logic.

6. Similarly we can also enhance the View elements with the enhance option, using this we can add or delete the UI elements.

Web Dynpro Explorer: Enhance View for SALV_WD_TEST_DATA

Web Dynpro Explorer: Enhance View for SALV_WD_TEST_DATA

View: VIEW_DATA Active(Enhanced Implemtn YEI_WD_ALV1 Inactive)

Properties Layout Inbound Plugs Outbound Plugs Context Attributes Actions Methods

favorites

text

Caption
Explanation
FormattedTextEdit
FormattedTextView
InputField
Label
SectionHeader
TextEdit
TextView

action

Button
ButtonChoice
IconButton
LinkChoice
LinkToAction
LinkToURL
TimedTrigger

selection

complex

layout

graphic

File Upload

Upload

Upload From File: Browse... VIEW_DATA.UPLOAD.FILENAM

☐ CONTEXT_MENUS
☐ ROOTUIELEMENTCONTAINER
 ☒ FILE_UPLOAD

Property	Value	Bindi...
Properties (Group)		
ID	FILE_UPLOAD	
Layout	MatrixLayout	
accessibilityDescrip...		
activateAccessKey		
contextMenuBehavi...	Inherit	
contextMenuId		
defaultButtonId		
design	primarycolor	

7. Activate the component and test the functionality.