

WebDynPro for ABAP

Introduction

- Introduction to Web & Netweaver Technologies
- Introduction to WebDynPro for ABAP
- WebDynPro Architecture
- WebDynPro components
 - View
 - Window
 - Controller-Context
 - Event-Action
- Interfaces of WebDynPro –components
- WebDynPro Application
- WebDynPro model

WebDynPro: Development in detail

WebDynPro vie

- UI Elements of the view
- Structure of the view Context
- Data Binding
- UI Element Actions
- Parameter Mapping
- Action Event Handlers
- Component Controller
- Context mapping
- Programming controller methods
- Methods of the local controller interface
- Events & event Handlers
- Cross Controller method call
- WebDynPro Runtime APIS
- Filling the context
- Phase model

WebDynPro window

- Navigation between two views

WebDynPro application

- URL of a WebDynPro application
- Full Qualified domain names (FQDN)
- URLs and Namespaces
- Calling a WebDynPro Application using Parameters
- Cross component Programming

Controller of a WebDynPro Component

- Component Usages
- Component Usages without controller Access
- Navigation through window Plugs
- Cross-Component Context mapping
- External Context Mapping
- Creating a WebDynPro component interface definition
- Implementing a WebDynPro interface definition
- Dynamic Programming
- Dynamic layout manipulation
- Dynamic context manipulation
- Dynamically creating component usages

Advanced concepts

- Working with the assistance Class
- Service call in a WebDynPro application
- Creating a service call
- Messages
- Modification-free Enhancements
- Debugging WebDynPro ABAP applications
- Version comparisons in WebDynPro for ABAP
- File export
- Working with dialog boxes
- Input help
- Configuration of an included ALV component
- Portal integration
- Binding to portal : prerequisites
- Integrating an application to portal
- Integrating a PDF form in a WebDynPro application

- Inserting forms
- Inserting existing Forms
- Supported Elements of the Adobe Library
- Interactive form use
- Forms with function module-Based interface
- SAP list viewer in WebDynPro for ABAP
- Integration of ALV in your Application
- Managing ALV output area

Methods and events of the interface

Controller

- DATA_CHECK
- GET_CONFIG_DATA
- GET_MODEL
- GET_MODEL_EXTENDED
- SET_DATA
- ON_AFTER_CONFIG
- ON_CLICK
- ON_DATA_CHECK
- ON_FUNCTION_ON_LEAD_SELECT
- ON_STD)FUNCTION_AFTE
- ON_STD_FUNCTION_BEFO

WebDynPro Trace Tool

- ICM Tracing
- Http browser tracing
- Http Proxy

WebDynPro Tools in the ABAP

workbench

- Component Editor
- Controller Editor
- View Editor
- Window Editor
- Display an interface view
- Displaying and defining the interface controller
- WebDynPro application
- The WebDynPro code Wizard

Authorization Checks in Configuration/Personalization

Dynpro Controls

- Checkbox
- Frame
- I/O field
- Pushbutton
- Radio button
- Step Loop
- Sub screen
- Table Control, Tab Strip
- Text Field

Abstract UI Element Interfaces

- Interactive Form
- Business Graphics Library
- Chart Designer
- Business Intelligence Library
- Contextual Panel
- Horizontal Contextual Panel
- File download, File upload
- Formatted Text view
- I frame
- Link to Action
- Link to URL
- Text edit
- Text view
- Link
- Menu
- Menu item
- Toolbar
- Button Row
- Data navigator
- Roadmap
- Legend
- Text bar

Programming Interfaces

Runtime APIs

- IF_WD_ACTION
- IF_WD_APPLICATION
- IF_WD_COMPONENT
- IF_WD_COMPONENT_USAGE
- IF_WD_COMPONENT_USAGE_GROUP
- IF_WD_CONTROLLER
- IF_WD_MESSAGE_MANAGER
- IF_WD_NAVIGATION_SERVICES
- IF_WD_VALIDATION
- IF_WD_VIEW
- IF_WD_VIEW_CONTROLLER
- IF_WD_VIEW_ELEMENTS
- IF_WD_WINDOW
- IF_WD_WINDOW_CONTROLLER
- IF_WD_WINDOWMANAGER
- CL_WD_CUSTOM_EVENT

Context APIs

- IF_WD_CONTEXT
- IF_WD_CONTEXT_NODE
- IF_WD_CONTEXT_NODE_INFO
- IF_WD_CONTEXT_ELEMENT
- STRUCTURE WDR_CONTEXT
_ATTRIBUTE_INFO

PERSONALIZATION APIS

- IF_WD_PERSONALIZATION

PORTAL INTEGRATION APIS

- IF_WD_PORTAL_INTGRATION
- CL_WDR_PORTAL_OBNWED_SERVICE

SERVICE CLASSES

- CL_WD_ADOBE_SERVICES
- CL_WD_CONTEXT SERVICES
- CL_WD_RUNTIME_SERVICES
- CL_WD_UTILITIES

WebDynPro for ABAP



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