

## SAP WEBDYNPRO COURSE CONTENT

### ❖ **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: DEVELOPMENT IN DETAIL:**

#### **WEBDYNPRO VIEW:**

- UI Elements of the view
- Structure of the view Context
- Data Binding
- UI Element Actions
- 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

### ❖ **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

### ❖ **CONTROLLER OF A WEBDYNPRO COMPONENT:**

- Component Usages
- Navigation through window Plugs
- Cross-Component Context mapping
- Creating a WebDynPro component interface
- definition
- Implementing a WebDynPro interface
- definition
- Dynamic Programming
- 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
- Integrating a PDF form in a WebDynPro Application
- SAP list viewer in WebDynPro for ABAP
- Integration of ALV in your Application
- Select-Option in WebDynPro for ABAP

❖ **WEBDYNPRO TRACE TOOL:**

- ICM Tracing
- Http browser tracing

❖ **WEBDYNPRO TOOLS IN THE ABAP WORKBENCH:**

- Controller Editor
- View Editor
- Window Editor
- WebDynPro application
- The WebDynPro code Wizard

❖ **DYNPRO CONTROLS:**

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

❖ **ABSTRACT UI ELEMENT INTERFACES:**

- Interactive Form
- Business Graphics 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
- Toolbar
- Button Row
- Roadmap

❖ **RUNTIME APIs:**

- IF\_WD\_ACTION
- IF\_WD\_APPLICATION
- IF\_WD\_COMPONENT
- IF\_WD\_COMPONENT\_USAGE
- IF\_WD\_CONTROLLER
- IF\_WD\_MESSAGE\_MANAGER
- 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

❖ **PERSONALIZATION APIS:**

- IF\_WD\_PERSONALIZATION

