

# SAP ABAP WEBDYNPRO ONLINE TRAINING

## COURSE CONTENT

### What is SAP ABAP Webdynpro?

Web Dynpro (WD) is a proprietary web application user interface technology developed by SAP AG and exists in a Java (Web Dynpro for Java, WDJ or WD4J) and an ABAP (Web Dynpro ABAP, [1] WDA) flavor. Both have in general the same functionality, but usually one flavor is improved after the other, so temporary one flavor is more advanced than the other. Hence, the decision for one of the two flavors shall be based on organizational and business circumstances, but not on functionality.

WD follows an adapted MVC pattern and a model driven development approach ("minimize coding, maximize design") with a large number of dedicated hooks in generated code to place custom coding. It is intended for business applications that shall follow standardized UI principles, connect to backend systems and be scalable.

### SAP ABAP Webdynpro Course Content:

#### Over View on ABAP Objects

#### WEB DYNPRO VIEW

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

- Action Event Handlers
- Context Mapping

## PROGRAMMING CONTROLLER METHODS

- Reference Variable WD\_CONTEXT
- Reference Variable WD\_THIS and Local Controller Interface
- Methods of the Local Controller Interface
- Web Dynpro Runtime APIs
- Filling the Context
- Create Selection screen
- Validation on selection screen
- Check boxes and Radio button
- Create web Dynpro component
- Creating context in component controller
- Design view
- Implementation of the Methods
- Embedding View to window
- Debugging Web Dynpro application
- Web Dynpro Window
- Navigation Between Two Views
- Web Dynpro Application

## ADVANCED CONCEPTS:

- Creating a Service Call
- Using a Service Call
- Calling Dialog Boxes of the Same Component
- Calling a Confirmation Dialog Box
- Data Binding of User Interface Element Properties
- ABAP Dictionary Search Help
- OVS Input Help
- OTR and Messages

- Integration of Messages in the Message Log
- File Export
- Web Dynpro Tab strips
- Table control

## CROSS COMPONENT PROGRAMMING:

- Controllers of a Web Dynpro Component
- Navigation Through Window Plugs
- Cross-Component Context Mapping
- Creating a Web Dynpro Component Interface Definition

## INTEGRATING FORMS:

- Integrating a PDF Form in a Web Dynpro Application
- Interactive Form Use
- Overview Adobe forms

## SAP LIST VIEWER IN WEB DYNPRO FOR ABAP

- Integration of the ALV in Your Application
- Predefining Standard ALV Functions
- Methods and Events of the Interface Controller
- Appearance of ALV Output

## PORTAL INTEGRATION (OPTIONAL)

- Binding to Portal: Prerequisites
- Integrating an Application in the Portal
- Portal Events
- Portal Navigation

