

## SAP Workflow Training Course Content:

### Workflow Introduction

- Need for Workflow
- Application of Workflow

### Workflow Development

- Introduction to Task, Workflow Template
- Workflow Builder
- Various workflow steps

### Developing BO's Methods

- Different Macro's used in BO programming
- Attributes
- Data Base attributes and Virtual attributes (which Returns BO's, internal tables, work areas) methods
- Synchronous Method
- Synchronous Method with Result Parameter
- Asynchronous Method with Terminating Events
- Instance Independent/Dependent methods
- Dialog / Back Ground Methods

### Various Types of Task

- Standard Task
- Customer Task
- Workflow Task
- Creating Task Group
- Creating General Task

### Task/Activity Add on functionalities

- Workitem Text
- Workitem Description
- BO Attachments (\_adhoc\_objects\_)
- Workitem Priority
- Dynamic Parallel Processing applied to task/Sub Workflows, along with Static Workflows
- Advance With Dialog option in work item response
- Conditions
- Programming Exits with Classes
- Deadline monitoring
- Repeated Notifications
- Escalation Scenarios
- Logos in work item Display
- Confirm End of processing option
- Word document type Attachments (\_Attach\_Objects)

- Workflow containers
- Event containers
- Task containers
- Method Containers
- Rule Containers
- Workflow Binding

#### Triggering event Mechanisms

- Event Raising via Different FM's
- SWE\_EVENT\_CREATE,SAP\_WAPI\_RAISE\_EVENT(used in user exit,badi's,reports etc)
- Starting Workflows Directly using FM's
- Event Raising via Change Documents
- Transferring Additional Data along with Events
- Analysis of how to make use of events raised by Standard SAP
- Event Trace
- Simulate trace
- Event Linkage

#### Basic Step types

- User Decision
- Condition
- Multiple Conditions
- Loop
- Send Mail
- Container operation
- Fork
- Process control
- Wait Step
- Event Creator
- Local Workflow
- Loops
- Forks
- Creation of Local Events

#### Agents

- Rule Resolution Via FM
- Expression
- Organization Unit
- Job
- Position
- Work Center
- A Sample Org Structure
- Agent assignment using Org structure

#### Reporting, Log Analysis & Debugging

- Work item analysis

- Reading & Understanding the log
- Restart workflow after Errors
- Restart workflow after system Crash
- Standard Log
- Technical log
- Graphical log
- Execution of work items belongs to other users
- Changing the container values at runtime
- Workflow Administration from debugging perspective
- Runtime Buffer Synchronization

#### **Basic Customization for workflow**

- RFC destination
- Dead line monitoring

#### **Miscellaneous Topics**

- Consistency Check After Transporting to other systems
- Transporting Agent Assignment
- Setting Conditions using SWB\_COND
- Using Check Function Modules
- Workflow Wizards

#### **Business Workplace**

- Inbox
- Outbox
- Reserve
- Forward/Auto Forward
- Express Notification
- Dynamic Columns Configuration in Inbox

#### **Dynamic Selection of Agents Using WF\_TASKs OO ABAP with Workflow**

- IF\_WORKFLOW Interface usage
- Attributes Creation & Methods Creation
- Creation of workflows with Classes
- Using Functional Methods
- Raising Events via Classes

#### **IDOCs with Workflow**