

SAP WORKFLOW Course Content

Introduction to SAP Work Flow Course Concepts:

SAP 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, workareas)
- ❖ 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 ParallelProcessing applied to task/SubWorkflows, 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 container
- ❖ Workflow containers
- ❖ Task containers
- ❖ Method Container
- ❖ Rule Containers
- ❖ Workflow Binding

Miscellaneous Topics

- ❖ Consistency Check After Transporting to other systems
- ❖ Transporting Agent Assignments
- ❖ Setting Conditions using SWB_COND
- ❖ Using Check Function Modules
- ❖ Workflow Wizards

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

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