

Workflow Course Content

<p><u>Week - 1</u></p> <p><u>Workflow Introduction</u></p> <ul style="list-style-type: none">• Need for Workflow• Application of Workflow <p><u>Workflow Development</u></p> <ul style="list-style-type: none">• Introduction to Task, Workflow Template• Workflow Builder• Various workflow steps <p><u>Developing Boa Methods</u></p> <ul style="list-style-type: none">• 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 <p><u>Triggering event Mechanisms</u></p> <ul style="list-style-type: none">• 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 <p><u>Analysis of how to make use of events raised by Standard SAP</u></p> <ul style="list-style-type: none">• Event Trace• Simulate trace• Event Linkage	<p><u>Week - 2</u></p> <p><u>Basic Step types</u></p> <ul style="list-style-type: none">• 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 <p><u>Basic Customization for workflow</u></p> <ul style="list-style-type: none">• RFC destination• Dead line monitoring <p><u>Miscellaneous Topics</u></p> <ul style="list-style-type: none">• Consistency Check After Transporting to other systems• Transporting Agent Assignment• Setting Conditions using SWB_COND• Using Check Function Modules• Workflow Wizards <p><u>Business Workplace</u></p> <ul style="list-style-type: none">• Inbox• Outbox• Reserve• Forward/Auto Forward• Express Notification• Dynamic Columns Configuration in InBOX
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Workflow Course Content

Week - 3

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 workitem response
- Conditions
- Programming Exits with Classes
- Deadline monitoring
- Repeated Notifications
- Escalation Scenarios
- Logos in workitem 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

Week - 4

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 workitems belongs to other users.
- Changing the container values at runtime
- Workflow Administration from debugging perspective
- Runtime Buffer Synchronization

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