

IOT Course Content

<p><u>Week - 1</u></p> <p>Concept Of IoT</p> <ul style="list-style-type: none">• IoT Introduction• The flow of internet of thing• Need for Workflow• Application of Workflow• Conclusion <p>Workflow Development</p> <ul style="list-style-type: none">• Introduction to Task, Workflow Template• Workflow Builder• Various workflow steps• Conclusion <p>Developing BoA™s Methods</p> <p>Different Macro's used in BO programming</p> <ul style="list-style-type: none">• IoT Attributes• DataBase and Virtual Attributes• Methods & Synchronous Method• Synchronous & Asynchronous Method• Instance Independent/Dependent methods• Dialog / Back Ground Methods• therefore, the Short concept discussion <p>Triggering event Mechanisms</p> <ul style="list-style-type: none">• Event Raising via Different FM's SWE_EVENT_CREATE, SAP_WAPI_RAISE_EVENT• Starting Workflows Directly using FM's• Event Raising via Change Documents• Transferring Additional Data along with Events• Conclusion	<p><u>Week - 2</u></p> <p>IoT Events</p> <ul style="list-style-type: none">• Analysis of events• Event Trace• Simulate trace• Event Linkage• Analysis of Internet of things <p>Basic Step types</p> <ul style="list-style-type: none">• User Decision• IoT Condition & Multiple Conditions• Loop• Send Mail• Container operation• Process control• Event Creator and Wait Step• Local Workflow & Creation of Local Events• Forks• Revision Of all the above <p>Basic Customization for workflow</p> <ul style="list-style-type: none">• RFC destination• Deadline monitoring <p>Miscellaneous IoT Topics</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• therefore, the Short concept discussion <p>Business Workplace</p> <ul style="list-style-type: none">• InboxOutboxReserveForward/Auto• ForwardExpress• NotificationDynamic Columns• Configuration in InbOX
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IOT Course Content

Week - 3

Various Types of Task

- Standard Task
- Customer TaskWorkflow
- TaskCreating
- Task Group
- Creating General Task

Task/Activity

- Workitem Text
- Workitem Description
- BO Attachments (_adhoc_objects_)
- Workitem Priority
- Dynamic ParallelProcessing, SubWorkflows, & Static Workflows
- Advance With Dialog option in work item response
- Conditions & Programming Exits with Classes
- Deadline monitoring
- therefore, the Short concept discussion

Add on functionalities of IoT

- 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
- Conclusion

Week - 4

Agents

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

Reporting, Log Analysis & Debugging

- Work item analysis
- Reading & Understanding the log
- Restart workflow after system Crash
- Standard Log, Technical log & Graphical log
- Changing the container values at runtime
- Workflow Administration from debugging perspective
- Runtime Buffer Synchronization
- therefore, the Short concept discussion

Dynamic Selection

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

IDOCs with Workflow

- Complete revision at the end