

SAP Workflow - Definition and Use of Customer-Specific Workflows

Code:	BIT601-v016
Length:	5 days
URL:	View Online

Skills Gained

- This course will prepare you to use workflow tools and to define and implement your own workflows.

Who Can Benefit

- Application Consultant
- Business Process Owner / Team Lead / Power User
- Developer
- Development Consultant
- Industry Specialist
- Solution Architect
- System Administrator
- System Architect
- Technology Consultant

Prerequisites

- Essential:
 - BIT600 – SAP Business Workflow – Concepts, Inbox and Template Usage
- Recommended:
 - SAPTEC Fundamentals of SAP Web AS
 - Good knowledge in ABAP Development

Course Details

Course Content

- Introduction
 - Describe the workflow architecture
 - Name the steps involved in a workflow project
 - Describe the general procedure for design and implementation
 - List the different options for using organizational units in a workflow
 - Create an organizational unit with positions
 - Describe the different ways of assigning possible agents to units in the organizational model
- Workflow Definition in the Workflow Builder
 - Create a workflow template with a workflow definition
 - List the possible step types in a workflow
 - Use the Workflow Builder
- Business Objects and Business Object Repository (BOR)
 - Describe the use of the Business Object Repository
 - Explain the difference between an object and an object type
 - Describe the use of object types in workflow
 - Create a subtype for a standard object type in the system
 - Delegate the subtype, thus making it available in the standard system
 - Extend the subtype by adding attributes, methods, and events
- Task Structure and Use in Workflows
 - Define a task
 - Name the components of a task that you always have to maintain
 - Understand the different ways in which synchronous and asynchronous methods are processed
 - Integrate a standard task into a workflow step
 - Create and maintain task groups
 - Use the Business Workflow Explorer as an administration tool
- Container – Interfaces in the Workflow
 - Name the various containers of the Workflow Engine.
 - Describe the possible binding directions between the containers
 - Explain the example binding in the notification of absence workflow.
 - Create a workflow container element
 - Create a task container element
 - Understand and check container bindings
 - Create container bindings when required
- Determination of Recipients of Work Items
 - Name the different ways of restricting possible agents
 - Describe the rule types that can be defined
 - Explain example for the application of rules
 - Define a rule with responsibilities
 - Use this rule in a workflow
 - Ensure that a workflow step never has the status "No agent found".

- Describe how the system determines the recipients of a work item.
- Explain what happens if the system cannot find an intersection between possible and responsible agents
- Ad Hoc Processing Options
 - Determine agents dynamically at runtime
 - Define tasks for a business process step dynamically at runtime
 - Use the ad hoc anchor step type to extend the workflow definition by adding an additional workflow
- Monitoring Steps in Business Processes
 - Define and test a simple deadline for a workflow step
 - Insert a modeled deadline into a workflow definition
- Events and Workflow
 - Explain the logic behind how events generated by applications and find the workflows or tasks that use them
 - Name the steps that you have to carry out in order to work with events
 - Define an event as a triggering event for a workflow
 - Activate the event linkage
 - Trigger the event on a test basis in the system, to check whether the workflow starts and runs correctly
 - Name the options for triggering events in the different applications
 - Use different methods to trigger events
 - Define additional start conditions for workflows
 - Explain the event queue
 - Use transaction SWU0 to check the event linkage
 - Use the transaction SWUE to test the triggering of events in the system without using the application
 - Use the transactions SWELS and SWEL to activate and display the event log
 - Develop a procedure for testing workflows
- Special Step Types and Methods of Processing
 - Use the step types Fork and Document from Template
 - Process multiline attributes of an object type
 - Use the step types loop and form
 - Enter conditions affecting the start and end of a work item in the
- Workflow Builder
 - Using the step type BLOCK
 - Options for assessing the SWITCH construct
- Wizards
 - Use wizards to define complete workflows for approval and circulation procedures
 - Create a workflow that calls the Customizing transaction or tables in a prescribed order
 - Use wizards that model missed deadlines
 - Call reports
 - Dynamically assign agents
 - Generate object references
- Tutorial
 - Define a workflow with all its components
 - Trigger a workflow using events

-Test a workflow process

- Further Topics (Optional)

-Explain technical settings

-Explore transaction codes, menu paths, and the data sheet

Notes

- This course is not an introductory course.
- Customers, who are using an SAP System which is on a support level higher or lower than ERP 6.0 EHP 7 can successfully participate this course.

Course based on software release

- SAP ERP Central Component 6.0, EHP 8

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