

SAP Workflow - Definition and Use of Customer-Specific Workflows

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
- Custom Workflow Development and Configuration
- 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