

PeopleSoft PeopleTools 8.56-8.58 Approval Workflow Engine

Agenda

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Developed for developers, analysts and system admins, PeopleSoft PeopleTools v8.56-8.58 Approval Workflow Engine training quickly introduces students to the Approval Workflow Engine functionality. Through scenarios, real-world experiences from implementers, and hands-on activities, students learn how to define and configure approval processes using Workflow.

Prerequisites:

- PeopleTools Knowledge
- Workflow

Approval Workflow Engine

- Overview of Approval Framework configuration (by Area)
- Approval Monitor vs. Worklist
- Approval Definitions: Strict vs. Dynamic
- Creating custom routing handlers
- Building new classes to extend existing classes for routing
- Workflow Administration: Centralizing and building in routing
- Using reporting to assist in administration
- Real-time vs. Batch Workflow Processing
- Testing/Tracing Workflow Processing

Advanced PeopleSoft Integration

- SOA-based architecture review
- Baseline standards: XML, SOAP, HTTP/HTTPS
Integration Broker Architecture
- Server Components/Locations
- Gateways
- IB Event PeopleCode: OnNotify, OnSend,
OnRequest, OnRoute, OnAckReceive, OnError

Messages

- Physical Description of the Data
- Types (Rowset/Nonrowset, Container, Message Parts)
- No Processing Logic (this is defined in Service Op Handler, not Messages)
- Creating in PIA (Integration Broker > Integration Setup > Messages) Message Containers
- Message Parts (best with rowset parts)
- Creating Message Containers from parts (always non-rowset)
- Generating XML Schema for the Container
- Example: Creating Account Details Message
- Exporting Services: Using Provide Web Service

Transformation Engine

- XSLT and Codesets
- Other techniques for transformations Examples
- Validate account (synchronous)
- Get full account list (asynchronous)
- Error Handling Testing Approaches
- Using Handler Tester: Used for generating and testing messages
- Using Send Master Utility

BI/XML Publisher

- BI Publisher Overview
- Choosing the right data source (XML, Rowset, Query)
- Choosing the right report template (PDF Form, RTF)
- Installing the RTF template builder plugin
- Example 1: Creating an RTF report from Query
- Using the Query Report Viewer
- Example 2: Use PeopleCode to generate rowset and initiate report
- Troubleshooting RTF Templates (Tips and Tricks)
- Advanced RTF techniques using XSL