ORACLE WORKFLOW

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Hermann NGOUADJEU
AGENDA

- Objective
- What is Workflow
- Oracle Workflow components
- Standard Workflow example « Requisition Approval Process »
- Oracle Workflow as user / administrator
- Custom or modified Workflow
- Question & Answers
Objective

- Know what Workflow is
- Understand how Oracle Workflow components work
- Tell to eBusiness Suite users Oracle Workflow capabilities
- Learn how to administer Workflow process
- Learn how to create or modify Workflow
What is Workflow

- Design and automation of all the tasks to accomplish and people involved in a business process.
- Notification upon concurrent request completion since release 11.03
- Oracle Workflow (2.6.3) is part of eBusiness Suite (11.5.9 / 11.5.10) and becomes the foundation for most processes
- Account Generator Workflow Process
- PO Requisition Approval process
- AP Invoice Approval Process
- All Oracle Receivables activities can be included in one Workflow
Oracle Workflow Components
Oracle Workflow Components

- Workflow Engine: Executes rules and activities of a process
- Workflow Builder: To create or modify a process
- Workflow Monitor: To monitor or administer Workflow processes
- Workflow Notification Service: Sends notifications outside the database
- Business Event System: To communicate business events between systems
Example: Requisition Workflow Approval
User mode

- Read / Reply to notifications (eBusiness Suite or email)
- Access to forms application or URL from notification, spreadsheet document...
User mode

- Define vacation rules
- Fix some potential issues

Unable to reserve Purchase Requisition 20002543

To: [Redacted]
Sent: 09.06.2006 15:29:34
ID: 86584

Unable To Reserve Purchase Requisition 20002543.
Reason for Reserve failure is:
Line #1 Distribution #1 The accounting date is not in an open encumbrance period. Line #2 Distribution #1 The accounting date is not in an open encumbrance period. Line #3 Distribution #1 The accounting date is not in an open encumbrance period. Line #4 Distribution #1 The accounting date is not in an open encumbrance period.

You can take one of the following actions:
1. You may try to override funds reservation failure from this notification (Please note that override will succeed if allowed by the Budgetary Control Setup)
2. Fix the problem with the requisition or the budgetary controls and try reserving again from this notification
3. Forward this requisition to a person that has the authority to reserve.
4. Return the document to the preparer so that they can make the necessary adjustments and then submit for approval again.
Administrator mode

- Breakdown (search for the instance, activity history, status diagram, participant responses) and resumption of Workflow in error or suspended
Administrator mode

- Cancellation, Suspension, Workflow purge
- Administration scripts ($FND_TOP/sql)
Create or modify Workflow

- For customers “Access level” -> 100, “Allow modifications of customized objects” -> Unchecked, “Preserve customization” and “Lock at this Access level” -> Checked
- WF_LOCAL_ROLES table (for non eBusiness Suite roles or users)
- Function activity (database procedure with 5 parameters predefined as wf_standard.and)
- APIS and predefined activities: WF_ENGINE (StartProcess), WF_STANDARD (Compare), FND_WF_STANDARD (ExecuteConcProgram), WF_EVENT (Raise)
- Load WF: WFLOAD (UPGRADE mode - to load) and FNDLOAD (to translate)
Questions & Answers