

Workflow SIG Meeting Collaborate'11

John Peters

Workflow SIG Coordinator

John.peters@jrpjr.com

Introduction

Welcome to Orlando

John Peters, JRPIR, Inc.

Workflow SIG Coordinator

Karen Brownfield, SolutionBeacon

Workflow Expert and Author

Vijay Shanmugam, Oracle

Workflow Development Manager

Workflow SIG

- This presentation, prior presentations and references are posted on the OAUG Workflow SIG web site:

<http://workflowsig.oaug.org>

Also on my web site:

<http://jrpjr.com/>

- You don't have to be an OAUG member to access the Workflow SIGs web site.

Agenda

- Future of Workflow
- Current Workflow Functionality
- Future Workflow Enhancements
- Other resources for Workflow Information
- Questions and Answers

Versions of E-Business Suite You Are On

- 11i, Pre-11.5.10.2
- 11.5.10, ATG RUP7 - 783600.1
- Pre-12.1
- 12.1

Future of Workflow

- Desupported as an Oracle product for standalone use.
- No longer part of the 11G DB install. Will be installed as part of the Apps Tech Stack.
- Still heavily used in R12 and will be supported by Applications Technology Group.
- Will not be used in Fusion.

BPEL - Business Process Execution Language

- BPEL is the primary replacement for Workflow Technology.
- You can use BPEL today with your 11i and R12 Applications.
- Attend some of the BPEL sessions at Collaborate or OpenWorld (next fall) to get some exposure to this powerful tool.

Workflow to BPEL Migration

- There will be no automated conversion/migration available.
- A good reference on migrating to BPEL is:
Migrating to BPEL from Oracle Work Flow
An Oracle White Paper
March 2008

<http://www.oracle.com/technology/products/ias/bpel/pdf/owf2bpel.pdf>

Workflow Custom Development Strategy

- Any Workflow customization written totally from scratch should probably be written using BPEL.

Example:

A totally custom approval or notification process.

- Extensions or “Tweaks” to an existing Workflow process should probably be done using Oracle Workflow.

Example:

Adding a new step of sub process to the Order Header Workflow Process.



Current Workflow Functionality

Current Workflow Releases

- Metalink Note: **464727.1**
Oracle Workflow Documentation Updates for
11i.ATG_PF.H.delta.7 (RUP 7)
- Metalink Note: **1302189.1**
ORACLE E-BUSINESS SUITE, RELEASE CONTENT DOCUMENT
Applications Technology,
Releases 12.1 and 12.2 (inclusive of 12.0.2 – 12.0.7)

11i, ATG RUP 7

- **WF_MAIL.SEND**

- ATG RUP 7, There is now a PL/SQL API call to allow a message to be sent via email that does not have to be associated with a Workflow Item Type/Key.
- Sends a message to be dispatched through e-mail by a notification mailer.
- The message content and recipients provided in the parameters do not need to be associated with any workflow process or directory service roles.
- The message content must be complete, preformatted, and email-ready, and should conform to the content type specified.

R12.1.1

- **Worklist - Bulk Notification Response and Bulk Notification Close**

Users can respond to multiple notifications of the same type with the same response value.

This is very handy for closing FYI notifications.

How to enable Bulk Notification Response Processing for Workflow in 11i ATG, RUP6, MetaLink Note: 760386.1

R12.1.3

- **Notification Mailer - SMTP Authentication**

Notification Mailer can now use SMTP authentication on outbound emails.

This is often a requirement for corporate mail server admins to prevent mail relaying by unauthorized users.

R12.2

- **Deferring Worklist Response Processing**

You can defer user Worklist Responses to a background processing allowing the users session to immediately return control to the user.

- **Oracle Workflow E-mail Character Encoding Configuration**

Workflow Administrator can now specify the character encoding for each language in workflow notifications.

- **Workflow RAC Affinity**

Improve performance of workflow batch processing of certain item types.

12.1.3 Tips and Tricks

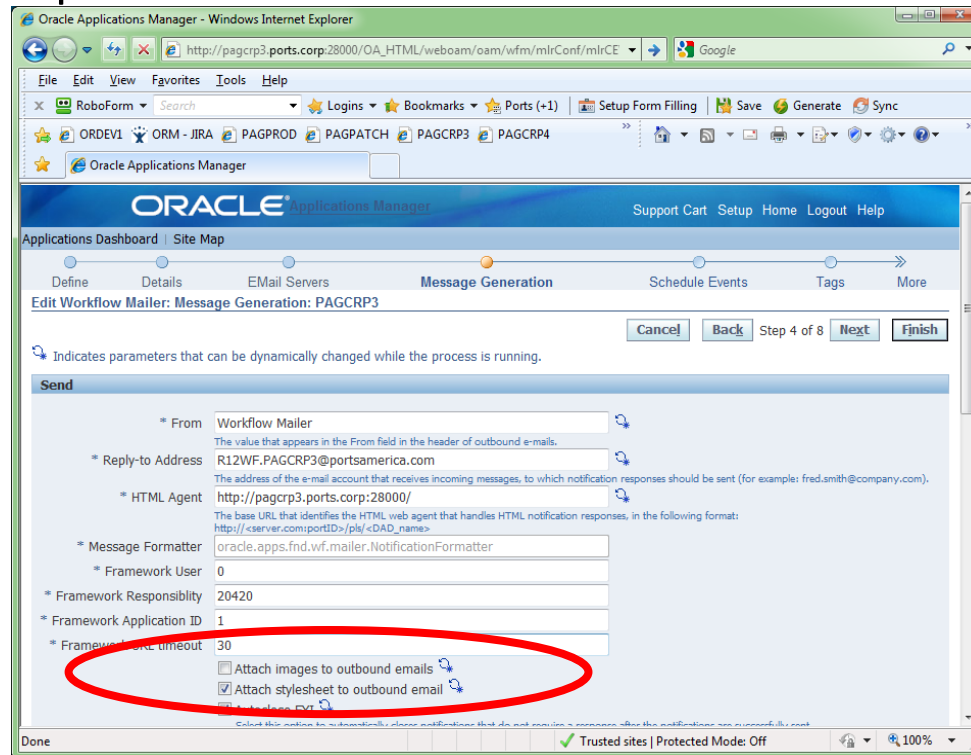
- **ORA-20002:3207: User 'SYSADMIN' does not have access to notification 1234**

If you have changed the Workflow Administration Role to 'Workflow Administrator Web (New)' you will also need to assign the responsibility to SYSADMIN because it uses this to render the notifications that use OA Framework regions.

12.1.3 Tips and Tricks

- Requisition Notification With Framework Region Fails Deliver due Java Mailer Error 'MalformedURLException'**

Notification Mailer is unable to pull up images for notification emails, the easy workaround is to unselect the option to put images on the notification or apply a patch ML Note: 1107017.1.





Workflow Resources

Workflow Related Sessions at Collaborate'11

- **Workflow Performance Tuning in Release 12**
Date: Monday, April 11 2011, Time: 3:45 PM - 4:45 PM, Location: W304G
Speakers: Karen Brownfield, Susan Behn
- **Tuning All Layers of the Oracle E-Business Suite System to Get Optimum Performance**
Date: Tuesday, April 12 2011, Time: 3:15 PM - 4:15 PM, Location: W304G
Speakers: Isam Alyousfi, Lester Gutierrez
- **Clean Up That Mess! A Mother's Guide to Managing Your E-Business Suite Clutter**
Date: Wednesday, April 13 2011, Time: 8:00 AM - 9:00 AM, Location: W304F
Speaker: Barbara Matthews
- **Oracle E-Business Suite Applications Technology: Diagnostics and Troubleshooting**
Date: Thursday, April 14 2011, Time: 12:15 PM - 1:15 PM, Location: W304G
Speakers: Gustavo Jimenez, Max Arderius

Workflow Best Practices

- **Oracle Workflow Best Practices**
Release 12 and Release 11i
Metalink Note: **453137.1**

Web Resources

- **Workflow SIG Web Site**

<http://workflowsig.oaug.org/>

- **Workflow Blog**

<http://blogs.oracle.com/oracleworkflow>

- **Integration Blog**

<http://blogs.oracle.com/ebusinesssuiteintegration>

Karen Brownfield, Solution Beacon

- **List of Recommended Patches**

<http://www.solutionbeacon.com/Patches.pdf>

- **Workflow Performance Tuning**

Slides: <http://www.solutionbeacon.com/WorkflowPerformanceTuning.pdf>

WP: <http://www.solutionbeacon.com/WorkflowPerformanceTuningWP.pdf>

- **Workflow Trouble Shooting**

Slides: <http://www.solutionbeacon.com/WorkflowTroubleshootingOAUG09.pdf>

WP: <http://www.solutionbeacon.com/WorkflowTroubleshootingOAUG09WP.pdf>

Karen Brownfield, Solution Beacon

Karen Brownfields reference book on Workflow



There is also a DVD version now available.
Available at www.solutionbeacon.com

My Contact Information

John Peters

JRPJR, Inc.

john.peters@jrpjr.com

Copies of the presentation and other workflow related presentations are on:

<http://workflowsig.oaug.org/>

<http://jrpjr.com/>



Question and Answers