

# Workflow SIG Meeting OpenWorld 2011

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Session 28320



# Introduction

- **Welcome to San Francisco**
- **Thanks for attending SIG Day on a Sunday**

**John Peters, JRPJR, Inc.**

Workflow SIG Coordinator

**Karen Brownfield, SolutionBeacon**

Workflow Expert and Author

**Vijay Shanmugam, Oracle**

Workflow Development Manager



# Clean Sweep with **O AUG**<sup>TM</sup>

## 1. Join on site...

(or have someone at your office join online) during OpenWorld 11 and be entered to win - best odds at winning due to fewer participants. You do not have to be present to win.

## 2. Create or Update Your OAUG Profile

Encourage your colleagues to create or update their profiles on OAUG.org and reference OOW 11 in the "How did you hear about OAUG" field by December 1 to be automatically entered to win. The winner will be notified December 2.

## 3. Attend...

one of eight OAUG Orientation webinars between October 11 and November 1 and be entered to win. The winner will be notified on November 2.

## 4. Join Online...

after OpenWorld by December 1. The winner will be notified on December 2.

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**MY COLLABORATE IS ABOUT  
SHARING REAL-WORLD EXPERIENCES  
WITH ORACLE PRODUCTS.**



## COLLABORATE 12

TECHNOLOGY AND APPLICATIONS FORUM  
FOR THE ORACLE COMMUNITY

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Share Your Expertise, Earn Free Registration!

Call for Presentations Deadline: Friday, October 14, 2011

Registration Opens November 7, 2011

New: Secure Your Reservations in an Official COLLABORATE Hotel  
Prior to Conference Registration – Save \$200!

# OAUG Announcements

Interested in membership with OAUG and/or becoming involved in Geos and SIGs? Attend the OAUG User Group Q&A Session, 12-12:30pm today in Room 3003. This session will be hosted by the co chair of the Geo/SIG Committee. Learn the answer to your questions and identify applicable user communities for you.



# Oracle Support

## Brief presentation on ProActive Support



# 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
- 11.5.10.2
- R12, Pre-12.1
- 12.1



# Future of Workflow

- De-supported 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.



# Workflow Still Exists in R12

- Workflow is still widely used in 12.1.3 and future version of the E-Business Suite
- Using BPEL in the E-Business Suite might require licensing so talk to your Oracle Representative



# 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 OpenWorld to get some exposure to this powerful new 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/technetwork/middleware/ias/owf2bpel-132189.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



# Workflow Builder

- For R12 Download Workflow Builder client 2.6.3  
Patch: 6970344
- Recommended Set Up for Client/Server Products with  
Oracle E-Business Suite 11i & R12  
ML Note: 277535.1  
This document outlines how to install in compatibility  
mode for Windows 7.





# Current Workflow Releases 11i

- Metalink Note: **464727.1**  
Oracle Workflow Documentation Updates for  
11i.ATG\_PF.H.delta.7 (RUP 7)
- You must be on 11i.ATG\_PF.H.delta.6, Patch 5903765  
Steven Chan's blog:  
[http://blogs.oracle.com/stevenChan/entry/ebs11i\\_minimum\\_patching\\_baselines2](http://blogs.oracle.com/stevenChan/entry/ebs11i_minimum_patching_baselines2)



# 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.



# Current Workflow Releases R12

- 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)



# 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**

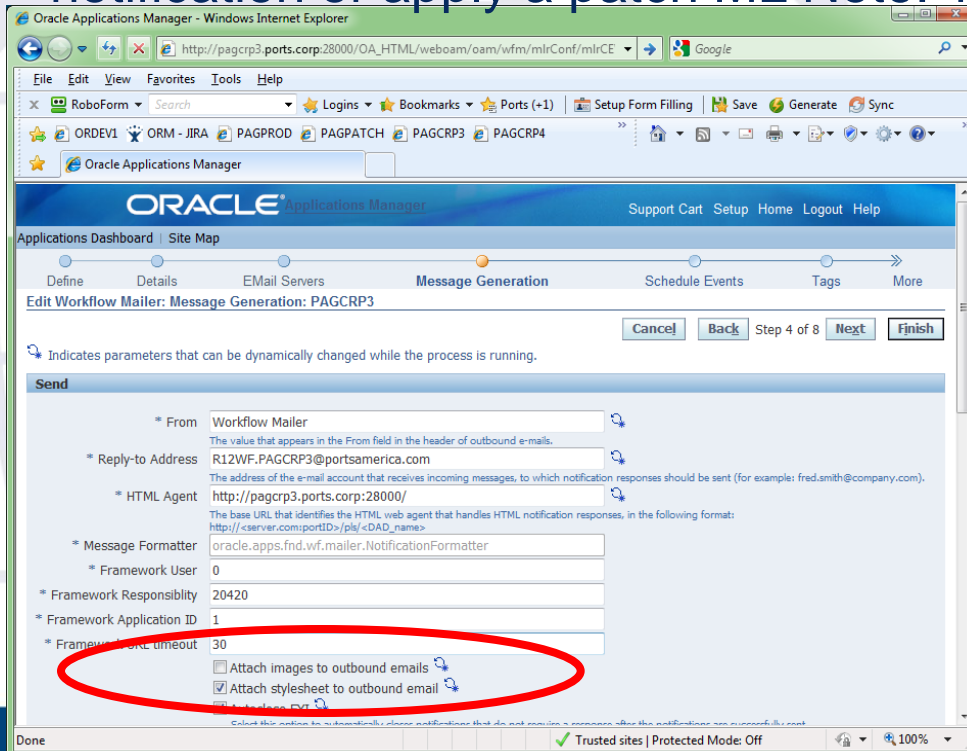
If you have changed the Workflow Administration Role to 'Workflow Administrator Web (New)' you will also need to assign the responsibility to SYSADMIN because it uses this to render the notifications that use OA Framework regions.



# 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 OpenWorld'11

- **Oracle Workflow Troubleshooting in Oracle E-Business Suite 12**  
Date: Monday, Oct 3, Time: 12:30 PM – 1:30 PM,  
Location: Moscone West - 2016  
Speaker: Karen Brownfield
  
- **Best Practices for Oracle E-Business Suite Performance Tuning**  
Date: Tuesday, Oct 4, Time: 5:00 PM – 6:00 PM,  
Location: Moscone West - 2014  
Speakers: Deepak Bhatnagar, Lester Gutierrez



# 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>
- **OAUG Conference Paper Database**



# 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**

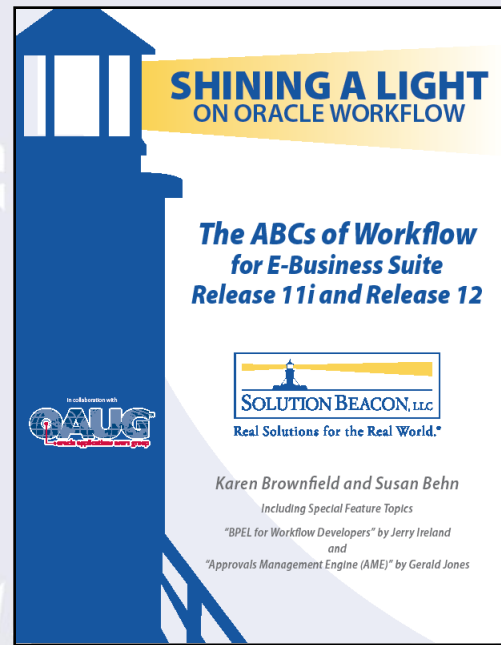
Slides: <http://www.solutionbeacon.com/WorkflowTroubleshootingOAUG09.pdf>

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



# Karen Brownfield, Solution Beacon

Karen Brownfields reference book on Workflow



There is also a ebook version now available.  
Available at [www.solutionbeacon.com](http://www.solutionbeacon.com)



# My Contact Information

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

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

<http://jrpjr.com/>



# Question and Answers Session 28320

