

# OAUG Workflow SIG

John Peters – JRPJR, Inc.

Karen Brownfield – InfoSemantics



# OAUG Workflow SIG

Session UGF9910, Sun 10/25/2015, 9:00-9:45, Moscone West Room 3008

John Peters – JRPJR, Inc.

Karen Brownfield – InfoSemantics

Vijay Shanmugam – Oracle, Director ATG Development

Lauri Williams – Oracle Support

Kevin McDermott – Oracle Support

Prepared by: John Peters

Rev: 2



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# Introduction

- **John Peters**, Independent Consultant  
Workflow SIG Coordinator  
JRPJR, Inc  
john.peters@jrpjr.com
- **Karen Brownfield**, Oracle Practice Director  
Infosemantics, Inc.  
karen.brownfield@infosemantics.com  
Author of the book 'The ABCs of Workflow for E-Business Suite  
Release 11i and Release 12'

We don't work for Oracle but we both have extensive experience with the Oracle Workflow product



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# Introduction - Oracle

- **Vijay Shanmugam**, Group Manager, ATG Development  
Workflow, Mobile Applications  
Oracle Corporation

Vijay's group enhances and supports the workflow module

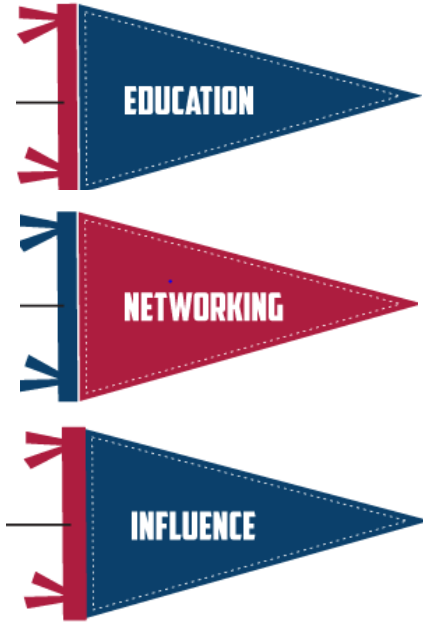
- **Lauri Williams and Kevin McDermott**  
Proactive Support,  
Oracle Global Customer Services

We would like to thank Oracle for allowing them to come to Collaborate15 and participate in the Workflow SIG Meeting



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# OAUG Membership: It's a Home Run!



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- Visit the OAUG
  - Table near Geo/SIG meetings today
  - Users Group Pavilion in Moscone South Sunday - Wednesday



# OAUG Anniversary Party



- Tuesday, October 27, 6:30 p.m.
- IBM's Bluemix Garage
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  - Users Group Pavilion, Moscone South



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# OAUG Customer Support Council

- Source of support tools, training and resources
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- Your voice to Oracle: two-way communication
  - Represent member needs and challenges
  - “Test drive” My Oracle Support enhancements
- Notable accomplishments
  - Influenced Oracle in extending EBS Support
  - Influenced Oracle’s new Enhancement Request Process
- Contact the OAUG Customer Support Council
  - [support@oaug.org](mailto:support@oaug.org)     <http://oaug.org/resources/csc>





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# Agenda

- **Future of Workflow**
- **Current Workflow Functionality**
- **Resources for Workflow Information**
- **Workflow Analyzer**
- **Questions and Answers**  
We are going to try to leave ~10 minutes for the Q&A, so please think about those nagging Workflow Questions you have.



# This Presentation is Posted

- I will reference many My Oracle Support Notes, but don't worry about writing them all down. Just get one of these two URL's.
- This presentation is on the OpenWorld Web Content Web Site:  
<https://www.oracle.com/openworld/index.html>  
And is on the OAUG Workflow SIG web site:  
<http://workflowsig.oaug.org/>  
As well as my web site:  
<http://jrpjr.com>  
In fact that is what I am using here for this presentation
- This presentation has been revised since it was initially uploaded to the conference presentation management system several months ago, so go to one of the above sites for the updated copy



# Future of Oracle Workflow

- De-supported as an Oracle product for standalone use.  
<http://www.oracle.com/technetwork/middleware/ias/workflow-sod-089843.html>
- No longer part of the 11G DB install. Will be installed as a patch as part of the Apps Tech Stack.
- Still heavily used in R12 and will be supported by Applications Technology Group.
- R12 SubLedger Accounting use is on the rise replacing the Account Generators.
- Will not be used in Fusion Applications.
- It is still being enhanced as a product and in R12 functional usage is being expanded (example PO Approvals now using AME)



# Future of Oracle Workflow

- Several products and technologies replace Workflow in Fusion Applications. It's functional replacement is Oracle BPEL Process Manager, which provides a standard mechanism of creating both human-centric and process-centric workflows.
- Please look at prior Workflow SIG presentations for additional details on replacement products and references to those replacement products



# Future of Oracle Workflow

## Last take away points on the Future of Oracle Workflow

- Oracle Workflow is a core component of the Oracle E-Business Suite and it won't be going away for EBS
- Oracle Workflow continues to be enhanced by Oracle EBS Development
- Oracle Workflow to support Oracle E-Business Suite will be with us for a long time



# Current Workflow Enhancements

## R12.1.3 Mobile Approvals App

- Workflow Approvals for EBS mobile app on iOS and Android
- Available on 12.1.3+ and 12.2.3+
- Oracle Mobile Approvals for Oracle E-Business Suite Release Notes ([Doc ID 1642423.1](#))
- And if you have not seen Oracle other EBS Mobile Apps you should look at the following:
  - Oracle E-Business Suite Mobile Apps, Release 12.1 and 12.2 Documentation ([Doc ID 1641772.1](#))



# Current Workflow Enhancements

## PO Approvals Using AME

- AME will allow add: Approvers, Reviewers, E-Signers
- AME will allow any Purchase Order to be withdrawn as long as the approval status is 'In Process'
- 12.1 AME : Approval, E-Review, E-Sign and Withdrawal Features for Purchase Orders ([Doc ID 1487661.1](#))
- This note details the patches, setup steps, and functionality provided along with videos
- 12.1.3 - Required Setups For Purchase Order Approval Using Approvals Management Engine (AME) ([Doc ID 1487713.1](#))
- How To Setup And Use Approval Management Engine AME For Purchasing and iProcurement Documents ([Doc ID 434143.1](#))
- Master Reference For AME Based Requisition Approval In R12 ([Doc ID 1207863.1](#))



# Current Workflow Enhancements

## Workflow Mailer on top of R12.OWF.B

- Workflow Mailer is now enabled to connect to mail services (IMAP and SMTP) on the cloud (like MS' Outlook365 or Google's gmail) supporting TLS authentication mechanisms. This is in response to the vulnerabilities found in SSL v3 with the POODLE attack.
- Using TLS Protocol for the IMAP Server (Office365, GMAIL, Cloud, etc) to connect with Oracle Workflow Mailer causes Validation Error Occurred. Log file has java.io.IOException: Connection dropped by server? ([Doc ID 2051685.1](#))
- Configuring Oracle E-Business Suite Workflow Mailer with TLS for Microsoft Office365, Gmail, or Cloud Based Email Services for 12.1.3 and 12.2 ([Doc ID 2051827.1](#))



# Current Workflow Enhancements

## Other Enhancements on top of R12.OWF.B

- [Patch 21482743](#): Digital Signing of Workflow notifications is failing on IE 11 with the message "Verification of signature has failed".
- [Patch 21184476](#): This Patch provides the fix for user display name inconsistency when logging to non-English interface EBS application.



# Current Workflow Enhancements

## Multiple Email Addresses

- Multiple email addresses separated by comma can be assigned to a given user or role in WF directory services. Workflow mailer will send workflow notification email to all the email addresses.
- In the past only single email address was supported for a user or role
- [Patch 16057663 \(R12.OWF.C\)](#): - Mailer support of multiple e-mail addresses for a single user/role. Comma separated list. Originally requested by PO Approval where the user can enter an email address interactively. Included in 12.2.5.



# Current Workflow Enhancements

## Other Enhancements on top of OWF.C

- [Bug 6312101 \(R12.OWF.C\)](#): Wish List item from 2006, need wfmailer to support FND Doc Attachments included within embedded framework regions. Included in 12.2.5.
- [Patch 21358307](#): OWF:12.2.4+ Recommended Patch Collection - July 2015



# Current Workflow Enhancements

## Workflow Lives On! in R12

- So yes Workflow continues to live on, even though it has been desupported for *standalone* use.
- For more information:  
Oracle E-Business Suite Releases 12.1 and 12.2  
Release Content Documents ([Doc ID 1302189.1](#))



# Resources for Workflow Information

- Information Center: E-Business Suite Oracle Workflow ([Doc ID 1320509.2](#))
- How To Download and Install the Latest Oracle Workflow Builder (Client Tool) and XML Gateway Message Designer for E-Business Suite ([Doc ID 261028.1](#))
- Recommended Set Up for Client/Server Products with Oracle E-Business Suite 11i & R12 ([Doc ID 277535.1](#))



# Resources for Workflow Information

- **Workflow SIG Web Site**

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

- **Workflow Blog**

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

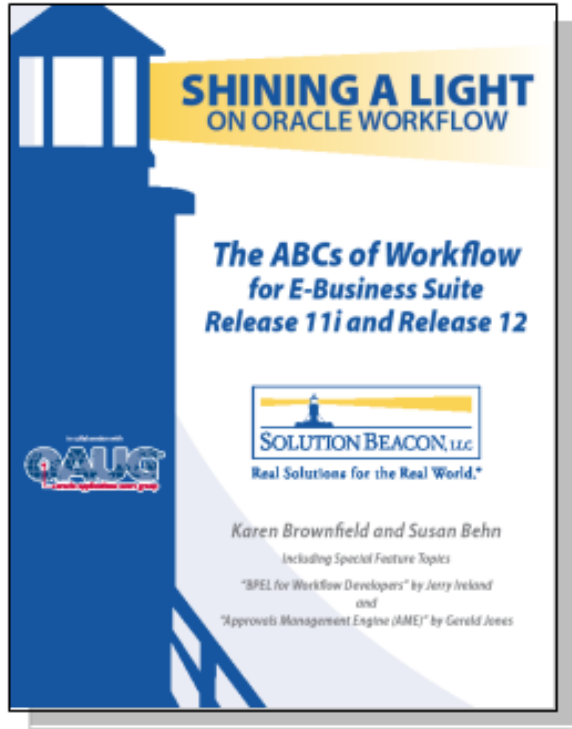
Great information on using GMAIL SMTP and IMAP servers

- **My Oracle Support Community**

[https://community.oracle.com/community/support/oracle\\_e-business\\_suite/core\\_workflow](https://community.oracle.com/community/support/oracle_e-business_suite/core_workflow)



# Resources for Workflow Information



To purchase either the  
hard copy  
or electronic book

<http://lulu.com>

**Search in Shop for:**  
The ABCs of Workflow for  
E-Business Suite Release  
11i and Release 12  
\$69.99



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# Workflow Analyzer

- This script works with EBS 11.5.10 to R12.2
- Workflow Analyzer script for E-Business Suite Workflow Monitoring and Maintenance ([Doc ID 1369938.1](#))  
Latest Version (v200.9 just released 20-OCT-2015)
- How to run EBS Workflow Analyzer Tool as a Concurrent Request ([Doc ID 1425053.1](#))
- E-Business Suite Applications Technology Group (ATG) Advisor Webcasts ([Doc ID 1186338.1](#))
- This is a non-invasive SQL Script you can run against you system it will provide some very good information to help you manage the Oracle Workflow product in your EBS Instance.





# Workflow Analyzer

- Handing over to Lauri Williams and Kevin McDermott to review the Workflow Analyzer



# Wrapping It Up

**Thank You For Attending**

**John Peters, JRPJR, Inc**

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This presentation is posted on the Workflow SIG website:

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

This presentation is posted on my web site along with many others I have done over the years:

<http://jrpjr.com/>



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# Questions? Comments?

