

# OAUG Workflow SIG Meeting

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South Pacific J

**Prepared by:**

John Peters, Workflow SIG Chairman  
JRPJR, Inc.  
[john.peters@jrpjr.com](mailto:john.peters@jrpjr.com)  
Rev 2

@JohnJrPeters



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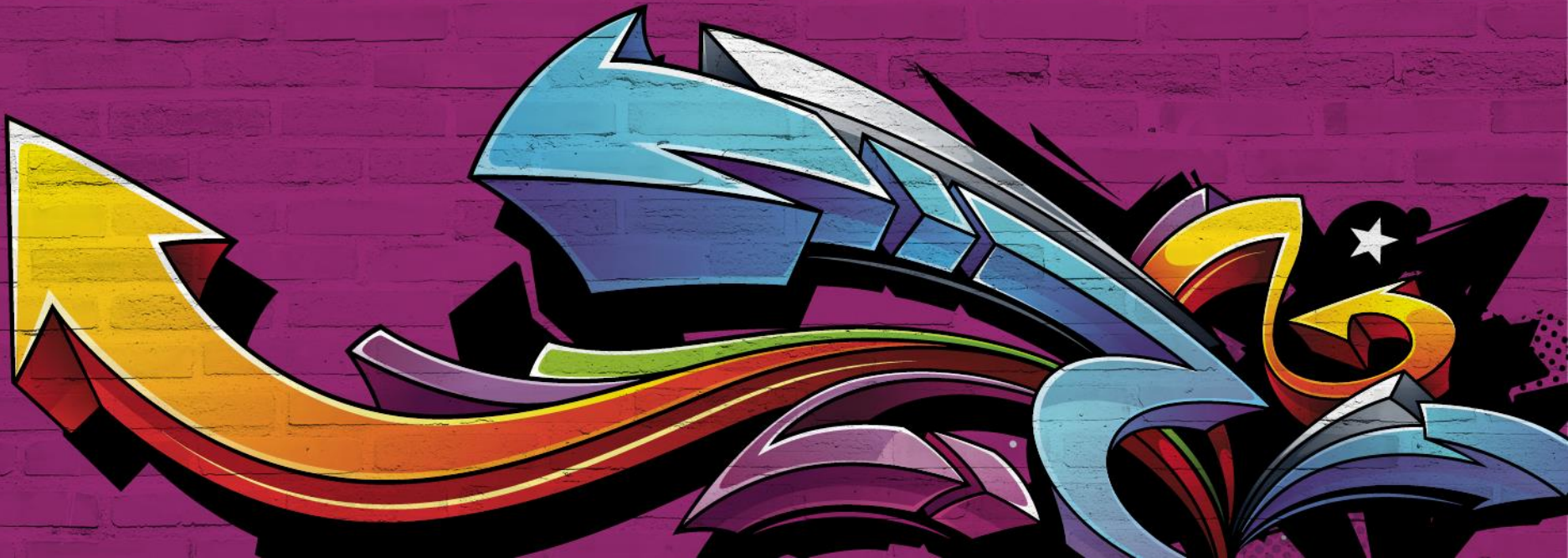


#C16LV



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# Upcoming eLearning Opportunities

- **Best of COLLABORATE**
  - May – August with 10 sessions per month
- **Hyperion Online**
  - October 31 – November 4
  - Monday – Friday with four sessions per day
- **Primavera Online Learning Series**
  - October 31 – November 18
  - Monday – Friday with up to five sessions per day

# Introduction



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- **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

# Introduction - Oracle

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

Vijay's group enhances and supports the workflow module

- **Kyle Harris**, Sr Principal Technical Support Engineer  
Proactive Support, Technology, eBS ATG  
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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# Where are these slides



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- We will reference a lot of MOS Notes in this presentation don't worry about copy them down just remember where you can get this presentation:  
<http://workflowsig.communities.oaug.org/>  
or  
<http://jrpjr.com>
- This is revision 2.0 of this presentation so make sure to download the most recent copy from one of the above web sites.



# Agenda

- Workflow SIG Structure
- Future of Workflow
- Current Workflow Functionality
- Oracle Mobile Approvals for Oracle E-Business Suite Demo
- Workflow Analyzer Demo
- Other resources for Workflow Information
- Questions and Answers

We are going to try to leave ~20 minutes for the Q&A, so please think about those nagging Workflow Questions you have.



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# Workflow SIG Structure



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# Workflow SIG Board



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- The Workflow SIG has not had a formal Board. It has really just been Karen and I keeping things running.
- We will be setting up by-laws, appointing an initial board and chairman.
- Please join the Workflow SIG, announcements will be emailed out to that list.
- We will update the web site with details as we go through this process.
- We will probably have elections for the board at Collaborate17.



# Future of Workflow



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# Future of Oracle Workflow



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- 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



# Future of Oracle Workflow



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- 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



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## 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 Functionality



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# Current Workflow Enhancements



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## 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 other Oracle 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



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## 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



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## 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



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## 12.1.3+ Notification Mailer Cloud Mail Support

- 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)
- Configuring an Oracle Workflow Notification Mailer with Cloud E-Mail Servers (Doc ID 2077434.1)



# Current Workflow Enhancements



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## Misc Patches

- Patch 20054574 (11i): - Fix for Workflow Mailer to fetch embedded OAF content after POODLE fix is implemented on the web tier. POODLE fix involves turning off SSLv3 on the server.
- Patch 21188665 (12.1): - Provides the API WF\_PURGE.ITEMS() with the capability to remove all applicable workflow processes when called with parameter FORCE set to TRUE.

# Future Workflow Functionality



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# Future Workflow Enhancements



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- ATG CAB Wishlist (12.2.5+): Send all attachments (attached using PLSQLCLOB/PLSQLBLOB APIs or using FND attachments) local to the email instead of links on the header.
- Future Release - JavaMail APIs used by mailer to be upgraded to 1.5.4. This provides NTLM authentication support for Inbound and Outbound processing.
- Future Release - Links shown on email notifications can be setup to point to either internal or external EBS entry points (DMZ servers) based on whether the user is internal or external to the Customer's network.



# Workflow Enhancements



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## Workflow Lives On! in R12

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



# Oracle Mobile Approvals for Oracle E-Business Suite



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# Oracle Mobile Approvals for Oracle EBS



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- Handing it over to Vijay Shanmugam to give us a quick demo

## Key Take Away

- This is a free tool
- Enables Mobile Workflow Approvals
- MOS Note: Oracle Mobile Approvals for Oracle E-Business Suite Release Notes (Doc ID 1642423.1)



# Workflow Analyzer



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# Workflow Analyzer Demo



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- Handing it over to Kyle Harris to give us a quick demo

## Key Take Away

- The Workflow Analyzer is non-invasive, it just looks at your EBS instance and generates an HTML report
- Full of detailed analysis and references



# Other resources for Workflow Information



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# Resources for Workflow Information



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## Collaborate16 Sessions

### Exploration Series, Approvals

All Sessions in Breakers F

Power Hour in Mandalay Bay C



Session ID	Time	Title	Presenter
10672	Wed 4/13 8:00 – 9:00	EBS / Cloud: Key Concepts and Terms	Stanley Cohen– Denovo Ventures, LLC
10668	Wed 4/13 9:15-10:15	EBS Approvals List Creation, Limits, and Rules	Karen Brownfield – Infosemantics, Inc.
10670	Wed 4/13 3:00 – 4:00	EBS Approvals Communication and History	John Peters – JRP JR, Inc.
10659	Wed 4/13 4:15 – 5 :15	Approvals in Cloud – New and Improved	Lee Briggs – Denovo Ventures, LLC
10080	Tue 4/12 3:30 - 5:45	Power Hour - Approvals in EBS and the Cloud	All 4 speakers from above sessions in a panel/Q&A format

# Resources for Workflow Information



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## Other Collaborate16 Sessions

- **Analyzing Oracle Workflow Data for Increased System Performance**  
Mr. Rusty Schmidt, Senior Systems Analyst, Apollo Education Group  
Apr 12, 2016, 1:00 PM–2:00 PM, South Seas A
- **Understanding Oracle Workflow in Supply Chain, Functional/Technical Aspects**  
Bilal Sarioz, Enterprise System Architect, Digizoom BV  
Apr 12, 2016, 3:30 PM–4:30 PM, Breakers J
- **You Had How Many AME Rules?**  
Jason Watkins, Hillsborough County Aviation Authority  
Apr 12, 2016, 3:30 PM–4:30 PM, South Seas B



# Resources for Workflow Information



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- 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



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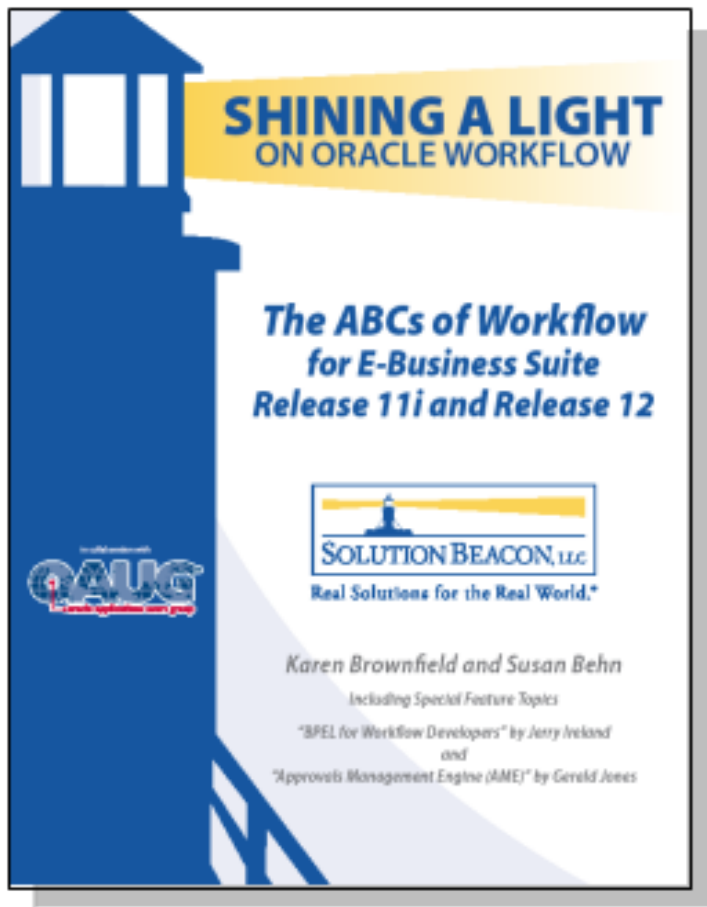
- **Workflow SIG Web Site**  
<http://workflowsig.communities.oaug.org/>
- **Workflow Blog**  
<http://blogs.oracle.com/oracleworkflow>  
Great up to date information
- **My Oracle Support Community**  
[https://community.oracle.com/community/support/oracle\\_e-business\\_suite/core\\_workflow](https://community.oracle.com/community/support/oracle_e-business_suite/core_workflow)



# Resources for Workflow Information



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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

# Conference Surveys

Please complete the session evaluation form in the COLLABORATE mobile app.

Thank you.



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# Questions and Answers



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# Questions and Comments?



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

John.Peters@jrpjr.com

Session ID 10054