



COLLABORATE17

TECHNOLOGY AND APPLICATIONS FORUM
FOR THE ORACLE COMMUNITY

OAUG Workflow SIG

Wed 4/5, 9:45am to 10:35am

Jasmine F

Session: 10062

Prepared by: John Peters, JRPJR, Inc.

Revision 2.0

Session ID:

<IOUG> OAUG Quest

#C17LV



Introduction

Introduction

- **John Peters**, Independent Consultant
Workflow SIG Coordinator
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- **Karen Brownfield**, Oracle Practice Director
Infosemantics, Inc.
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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**
Director, ATG Development
E-Business Suite Integrations and Mobile
Oracle Corporation

Vijay's group enhances and supports the workflow module.

We would like to thank Oracle for allowing them to come to Collaborate17 and participate in the Workflow SIG Meeting

Where are these slides

- 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
- 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.



Workflow SIG Structure

Workflow SIG Board

- The Workflow SIG has not had a formal Board. It has really just been Karen and I keeping things running.
- I will need to step down as the Workflow SIG Coordinator.
- Rusty Schmidt, Senior Systems Analyst, IS Engineering, with the Apollo Group will be stepping in as the Workflow SIG Coordinator.



Future of Workflow

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 or 12c 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

- Several products and technologies replace Workflow in Fusion Applications. Its functional replacement is BPEL and Mediator service components in Oracle SOA Suite, 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
- You can take advantage of these new tools in your current EBS environment

Future of Oracle Workflow

Key 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 as a key component of Oracle E-Business Suite will be with us for a long time



Current Workflow Functionality

Current Workflow Functionality – 12.2.6

- 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.

Current Workflow Functionality – 12.2.6

External Links to EBS in E-mail Notifications

- Allows links to refer to the DMZ Tier for external users.

Current Workflow Functionality – 12.2.6

Ability to Specify Security Protocols for Mailer

- Inbound SSL Enabled and Outbound SSL Enabled parameters replaced by a LOV to specify security protocols.



Future Workflow Functionality

Future Workflow Functionality

- I was unable to get any details on future workflow enhancements in time for the Workflow SIG meeting.
- But Vijay's group is busy making enhancements.

Future Workflow Functionality

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

Mobile Applications

- Native iOS and Android applications
- Available on 12.1.3+ and 12.2.3+
- Oracle EBS Mobile Apps
 - Oracle E-Business Suite Mobile Apps, Release 12.1 and 12.2 Documentation ([Doc ID 1641772.1](#))
- If you are licensed for the base module you are licensed for the mobile application that supports it
- Table in Section 2 outlines base module relationship

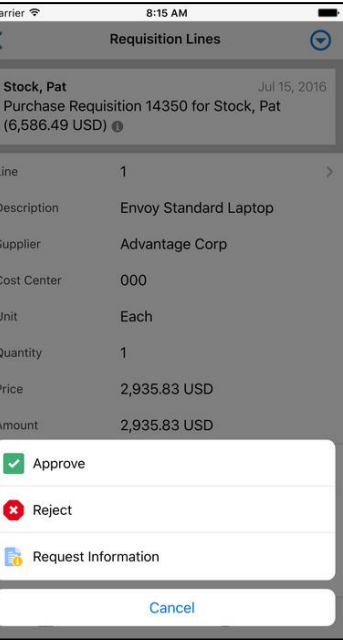
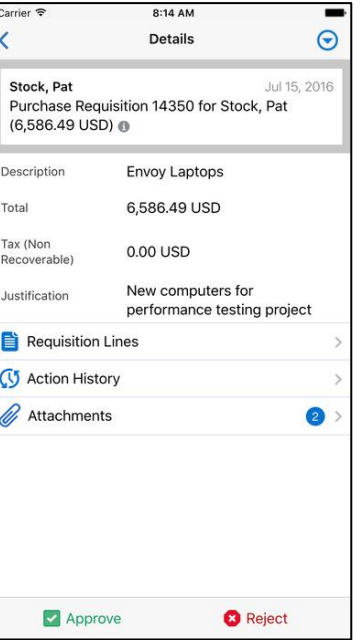
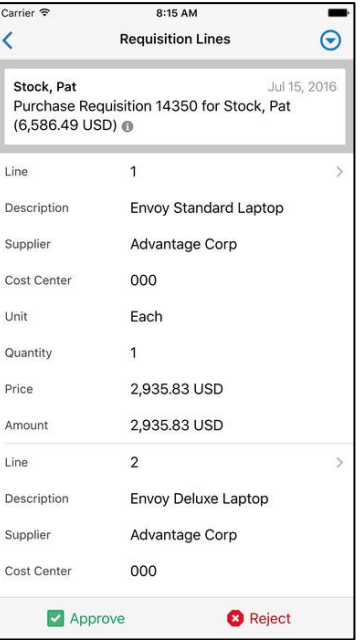
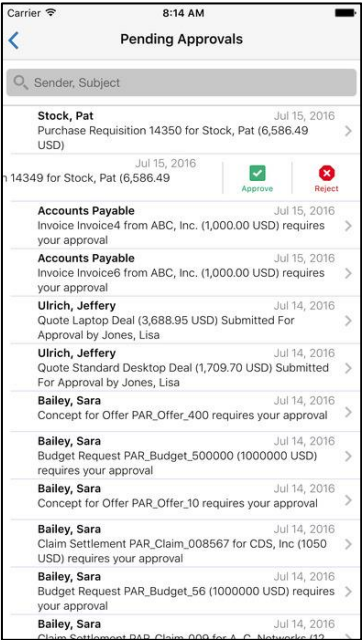
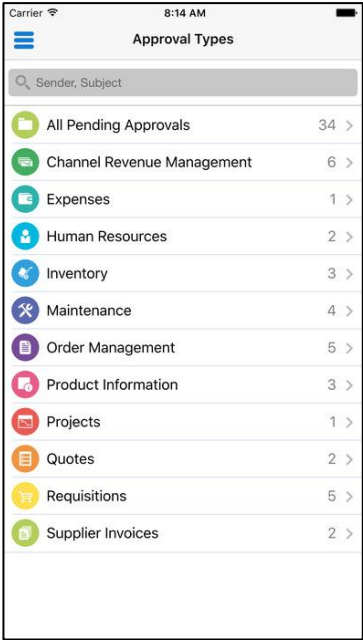
Mobile Applications

- Uses REST services to communicate back to the EBS APPS Tier
- Three methods for connectivity:
 - Mobile devices connect to your corp WiFi
 - Mobile devices VPN to corp WiFi
 - Deploy a DMZ Apps Tier to serve mobile devices

Mobile Applications

- 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](#))
- Release cycle is faster than the rest of the EBS
- Version 1.5.0 just released (Aug 2016), n-1 support for versions
- Server patches to install (Release 6.0 server patches included in 12.2.6)
- Support for Seeded and Custom approval types

Mobile Applications





Workflow Analyzer

Workflow Analyzer

- Workflow Analyzer script for E-Business Suite Workflow Monitoring and Maintenance [ID 1369938.1]
Latest Version (v200.18), Updated Dec 13, 2016
- 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 workflow product.
- Install the menu bundle then you can run as a concurrent request, 'Workflow Analyzer

Workflow Analyzer

Workflow Analyzer is running... No errors.

EBS Workflow Analyzer Report

Compiled using version 200.15 / Latest version: 200.15



Report Information

Legend: ❌ Error ⚠️ Warning ✅ Passed Check

[Execution Details](#)

[Parameters](#)

[Execution Summary \(1 ❌ 18 ⚠️\)](#)

Sections In This Report

- [Workflow Analyzer Overview ⚠️](#)
- [Workflow Administration ⚠️](#)
- [Workflow Footprint ⚠️](#)
- [Workflow Concurrent Programs ⚠️](#)
- [Workflow Notification Mailer ✅](#)
- [Workflow Patch Levels ✅](#)
- [Order Management Specific Workflows ⚠️](#)
- [Purchasing Specific Workflows ❌](#)
- [References](#)

[Show All Sections](#) / [Hide All Sections](#)

Workflow Analyzer Overview: 1 ⚠️

[Expand All Checks](#) / [Collapse All Checks](#)

In This Section

[The overall Volume of Workflow Runtime Data is in need of Immediate Review ⚠️](#)

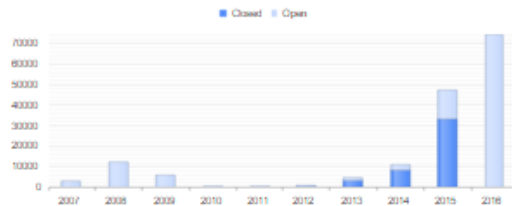
[Instance Node Details](#)

[Workflow Queue Monitor \(AQ_TM_PROCESSES\) Setting](#)

[E-Business Suite Version](#)

[Workflow Database Parameter Settings](#)

Workflow Runtime Data Volume



Workflow Runtime Data Age Gauge



Note: Once a Workflow is closed, all the transactional or runtime data that is stored in Workflow Runtime Tables (WF_*) becomes obsolete. All the pertinent data is stored in the functional tables (FID_*, PO_*, AP_*, HR_*, OE_*, etc), like who approved what, for how much, for who, etc...
Remember that each row in WF_ITEM is associated to 100s or 1000s of rows in the other WF runtime tables. So it is important to ensure this obsolete runtime data is truly

Workflow Analyzer

- Key take away, this is a non-invasive SQL Script it does not do any inserts, updates, or deletes.
- You should have this installed in all of your EBS instances.



Other resources for Workflow Information

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.communities.oaug.org/>

- **Workfow 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

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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Q&A

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