COLLABORATE14
TECHNOLOGY AND APPLICATIONS FORUM FOR THE ORACLE COMMUNITY

#C14LV

Workflow SIG

Session ID#: 15347

Monday April 7, 2014
02:10 PM - 03:10 PM
Sands, Level 1 - 203

REMINDER

Check in on the COLLABORATE mobile app

Prepared by:
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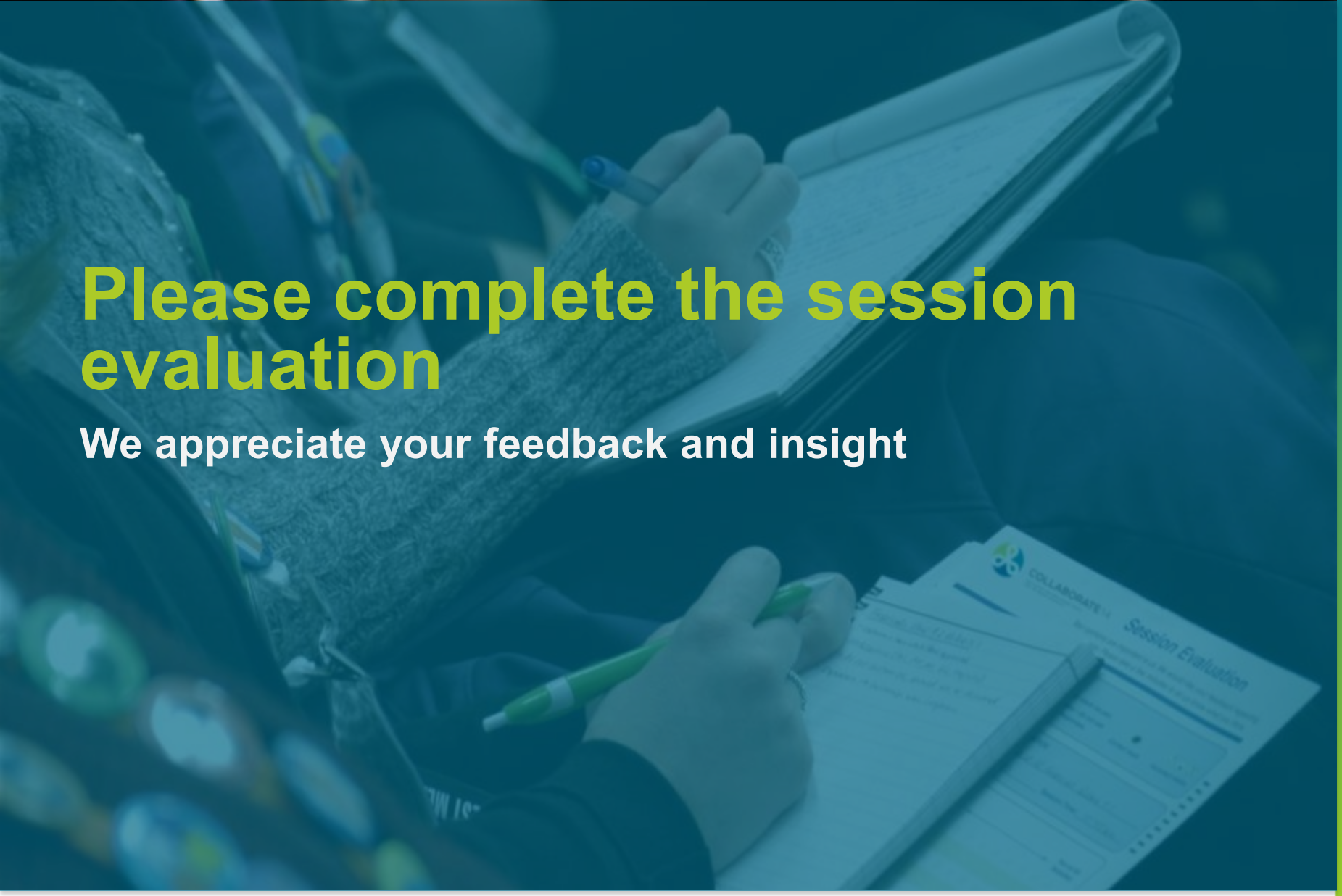

Please complete the session evaluation

We appreciate your feedback and insight

You may complete the session evaluation either on paper or online via the mobile app

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#C14LV

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

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

Back by Popular Demand!

OAUG Connection Point® — AppsTech
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Pre-conference Training: July 21, 2014
Pittsburgh Marriott City Center
Pittsburgh, PA, USA

If you are a technologist that supports Oracle's E-Business Suite of applications, you won't want to miss this two-day seminar designed exclusively for you.

Presentation proposals are being accepted between February 19 and April 20 on the following topics:

- Applications Strategy and Service
- Applications Development
- Business Intelligence/ BI Analytics
- Database
- Middleware
- Upgrade

OAUG™ oracle applications users group

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Submit your proposal at cp.oaug.org

COLLABORATE14
TECHNOLOGY AND APPLICATIONS FORUM FOR THE ORACLE COMMUNITY

Who Should Attend

- Database Administrators
- Oracle Applications Database Administrators
- System Administrators supporting Oracle E-Business Suite
- Oracle Applications Developers
- Middleware Technologists supporting Oracle E-Business Suite
- Security Officers supporting Oracle E-Business Suite

Key Dates

- •February 19, 2014: Call for presentation proposals begins
- •April 1, 2014: Registration opens
- •April 20, 2014: Deadline to submit presentation proposals

Call for Presentation Proposals

Presentation proposals relaying best practices, customer success stories and how-to, deep-dive instruction will be accepted for the following educational tracks between February 19 and April 20, 2014:

- Applications Strategy and Service
- Applications Development
- Business Intelligence/ BI Analytics
- Database
- Middleware
- Upgrade

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Agenda

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

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 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 Workflow

Future of 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.
- It is still being enhanced as a product and in R12 functional usage is being expanded (example PO Approvals now using AME)

Primary Replacements

- BPEL (Business Process Execution Language) Process Manager is the primary replacement for Workfow Technology.
- You can use BPEL Process Manager today with your 11i and R12 Applications.
- This is part of the Oracle SOA Suite, licensing might be required.

- SubLedger Accounting (SLA) replaces the Account Generator functionality currently in Workflow
- You can use SLA today in your R12 Applications
- No licensing required.

- Attend some of the BPEL sessions at Collaborate 14 to get some exposure to this powerful tool.

Workflow to BPEL Migration

- There will be no automated conversion/migration available.
- The technology while similar is too different to support an automated conversion
- 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

Collaborate14 BPEL Sessions

- **Understanding the Basics of BPM/BPEL From an Oracle EBS Developers Background**
  Thomas Korbecki, OAppsNet
  Mon 4/7 1:00 - 2:00, Sands, Level 1 – 305

OAUG SubLedger Accounting Refs

- Introduction to the Subledger Accounting Engine in Oracle R12
  Thomas Simkiss, COLLABORATE 08
- Let Subledger Accounting Custom Sources Release You From Account Generator Workflows
  Manoj Menon, COLLABORATE 12
- Transitioning from Account Generators to the R12 Subledger Accounting Engine
  Alyssa Johnson, COLLABORATE 10
- Turbo-Charge Your Accounting With the Release 12 Subledger Accounting Engine
  Alyssa Johnson, COLLABORATE 12
- Demystifying the new Release 12.1 Subledger Accounting Engine
  Alyssa Johnson, OAUG Connection Point - Austin 2012

OAUG BPEL References

- BPEL Process Manager: Tips and Techniques
  Hilal Khan, COLLABORATE 07
- BPEL for Workflow Developers
  Jerry Ireland, COLLABORATE 08
- From Workflow to BPEL, Prepare for the Future
  Arian Stijf, COLLABORATE 12
- Oracle BPEL 11g Training
  Basheer Khan, COLLABORATE 10

- In order to access the OAUG Conference Presentation database you must be an OAUG Member
- One more reason to be an OAUG Member Company

Last Take Away Point on the Future of Workflow in EBS

- Workflow is a core component of the Oracle E-Business Suite
- Workflow continues to be enhanced by Oracle Development
- Workflow to support Oracle E-Business Suite will be with us for a long time

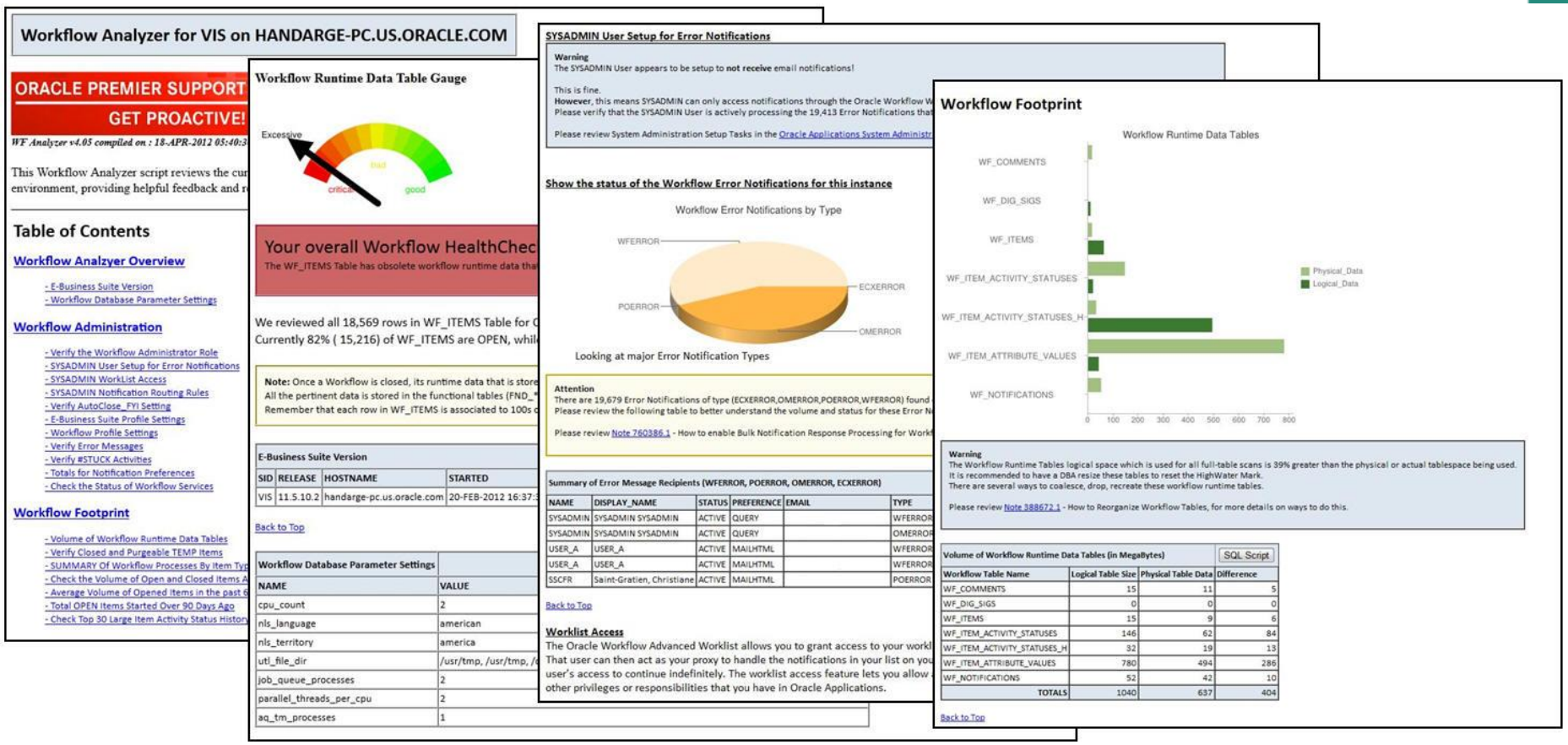
Current Workflow Functionality

Workflow Analyzer Script

- Workflow Analyzer script for E-Business Suite Workflow Monitoring and Maintenance [ID 1369938.1]
  Latest Version (v5.06)
- How to run EBS Workflow Analyzer Tool as a Concurrent Request [ID 1425053.1]
- E-Business Suite Applications Technology Group (ATG) Advisor Webcasts [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 workflow product.

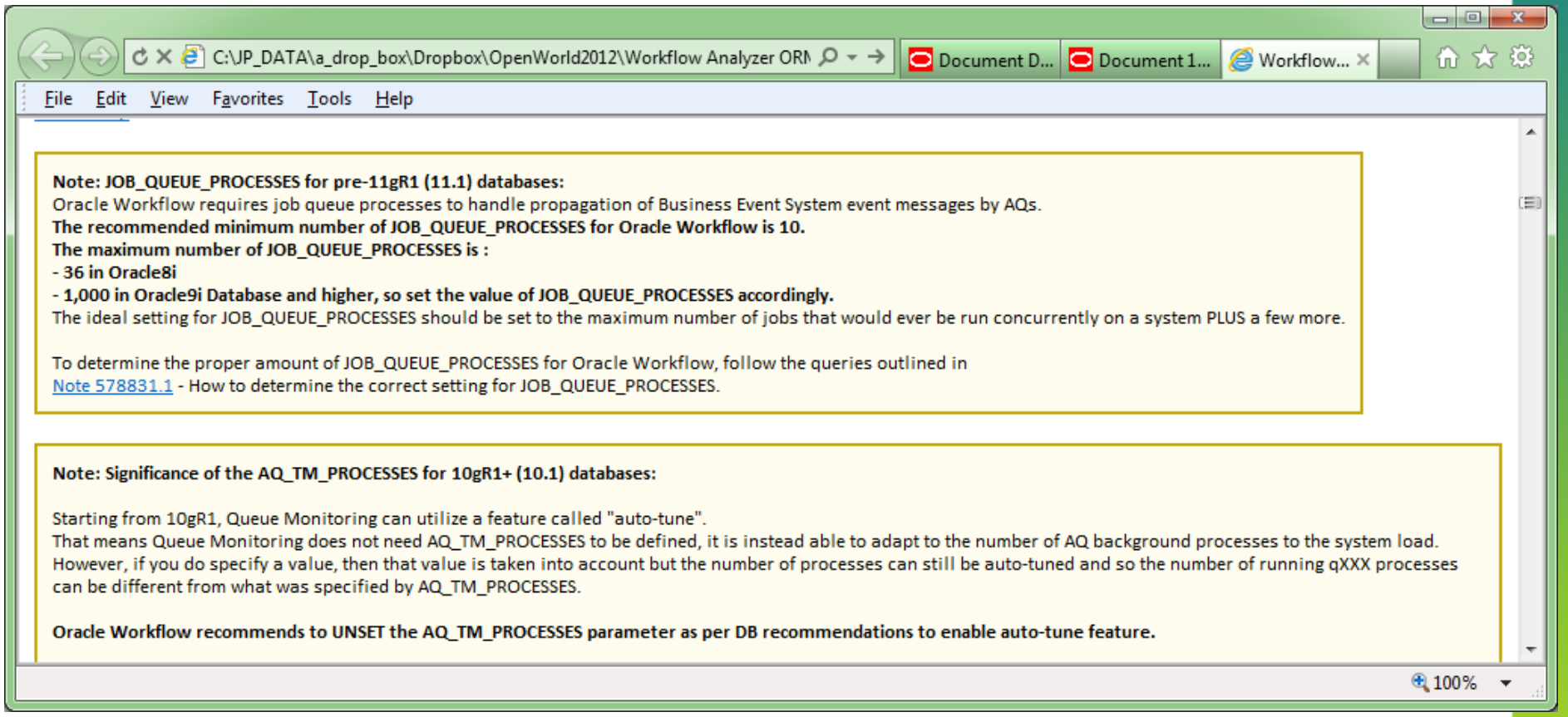
Workflow Analyzer Script - Example

- The script generates an HTML file which you can open in your browser



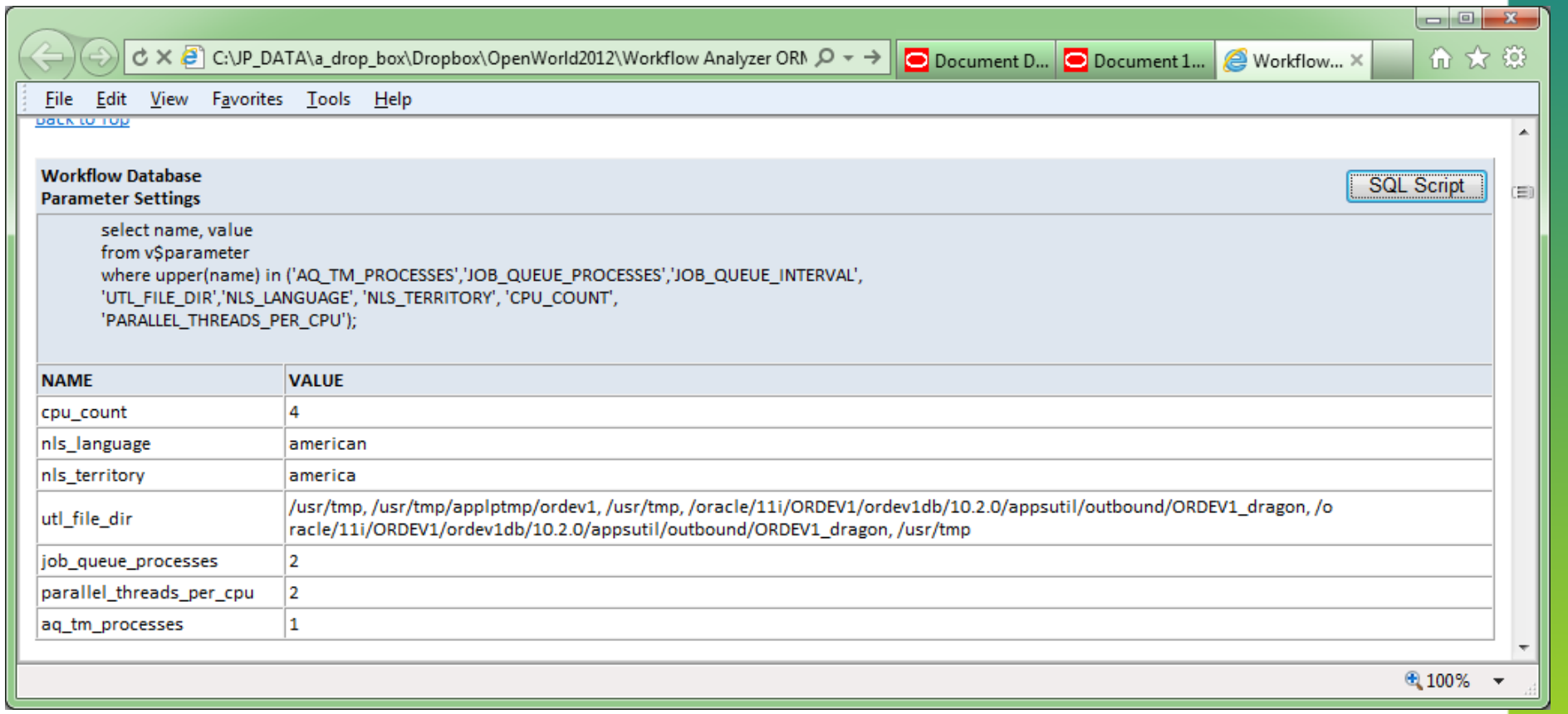
Workflow Analyzer Script - Example

- This script not only provides data it also has comments and suggestions in the output with references to My Oracle Support.



Workflow Analyzer Script - Example

- You can get the SQL that was run for each result (in case you want to drill deeper or filter differently).



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 [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) [ID 1487713.1]

New Workflist Features

- Patch 13646173 for 12.1.3 introduces some new Worklist features
  - See the last action and comments from the approver on top of a notification
  - Submitter can reassign a request for information notification
  - Actual sent date comes from the reassign action
- Notification counts show up in the corner of the screen

R12.2 Changes

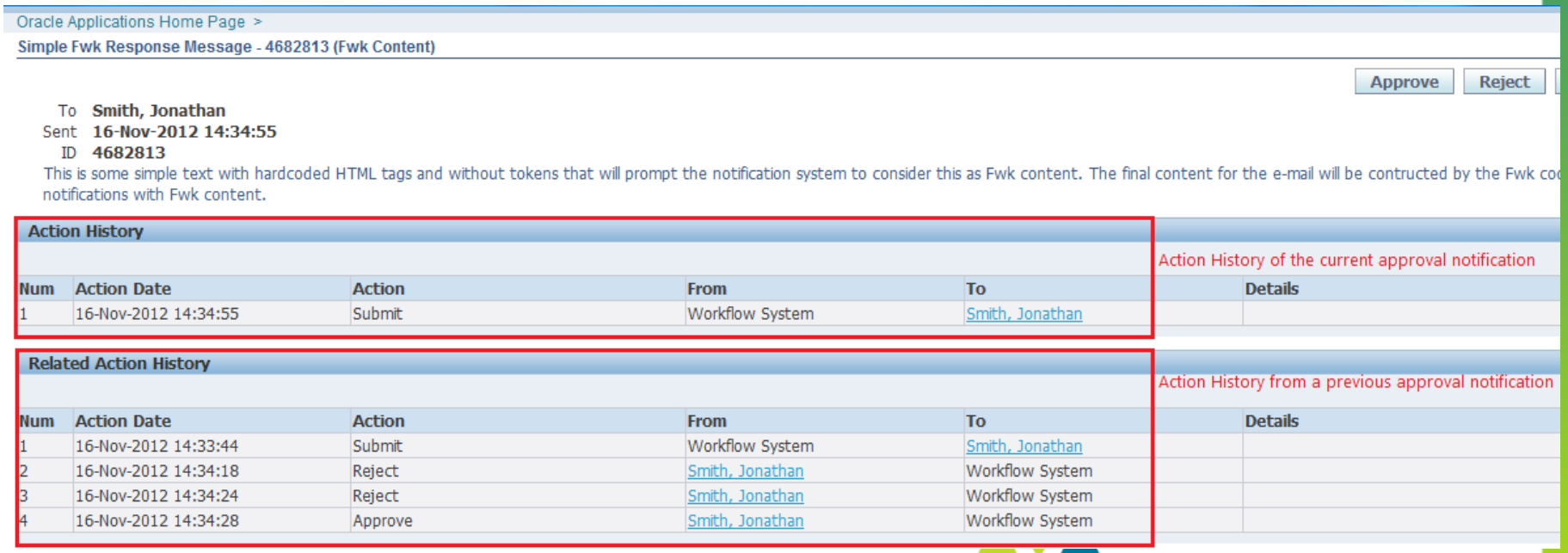
- **Deferring Worklist Response Processing**
  You can defer user Worklist Responses to Workflow Background Process, allowing the users session to immediately return control to the user.

R12.2 Changes

- **Oracle Workflow E-mail Character Encoding Configuration**
  Workflow Administrator can now specify the character encoding for each language in workflow notifications.

R12.2 Changes (actually in 12.1.3)

- **#RELATED_HISTORY**
  - You can now use the special message attribute #RELATED_HISTORY to include the action history of another notification within response-required notifications as well as within FYI notifications.
  - The value you set the attribute to is:
    {TITLE}[ITEM_TYPE:ITEM_KEY]PROCESS_NAME:ACTIVITY_LABEL_NAME



R12.2 Changes (actually in 12.1.3)

- **Worklist Usability Enhancements**
  - A user who receives a request for more information can now transfer that request to another user and include a comment to that user.
  - Improvements on the Date Sent for reassigned notifications now showing the date of the reassignment, not the original notification date.
  - Notification Details displays if the notification has been delegated or transferred along with any comment provided.
  - Worklist Icon can be displayed on all OAF based pages. Enable the Profile Option ‘WF: Enable Worklist Global Header’

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 [ID 1302189.1]

Future Workflow Enhancements

Future Enhancements

- At this time we don't know of any future Workflow Enhancements.

- Oracle is very interested in Workflow Enhancements from the user community.
  - Put a posting up in the My Oracle Support Community https://community.oracle.com/community/support/oracle_e-business_suite/core_workflow
  - Drop me an email on the topic so we can help push it through Oracle: john.peters@jrpjr.com

Other Resources for Workflow Information

Workflow Product Information Center

- E-Business Suite: Oracle Workflow (WF) Product Information Center (PIC)
  [ID 1320509.1]

Collaborate14 WorkFlow Presentations

- **Workflow Troubleshooting in R12**
  Karen Brownfield, Infosemantics, Inc
  Tue, 4/8, 4:15 – 5:15, Sands, Level 1 – 305

- **Making Workflow Flow**
  Jerry Ireland, Rightsizing, Inc.
  Thu, 4/10 4:15 – 5:15, Sands, Level 1 – 305

Web Resources

- **Workflow SIG Web Site**
  http://workflowsig.oaug.org/

- **Workfow 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

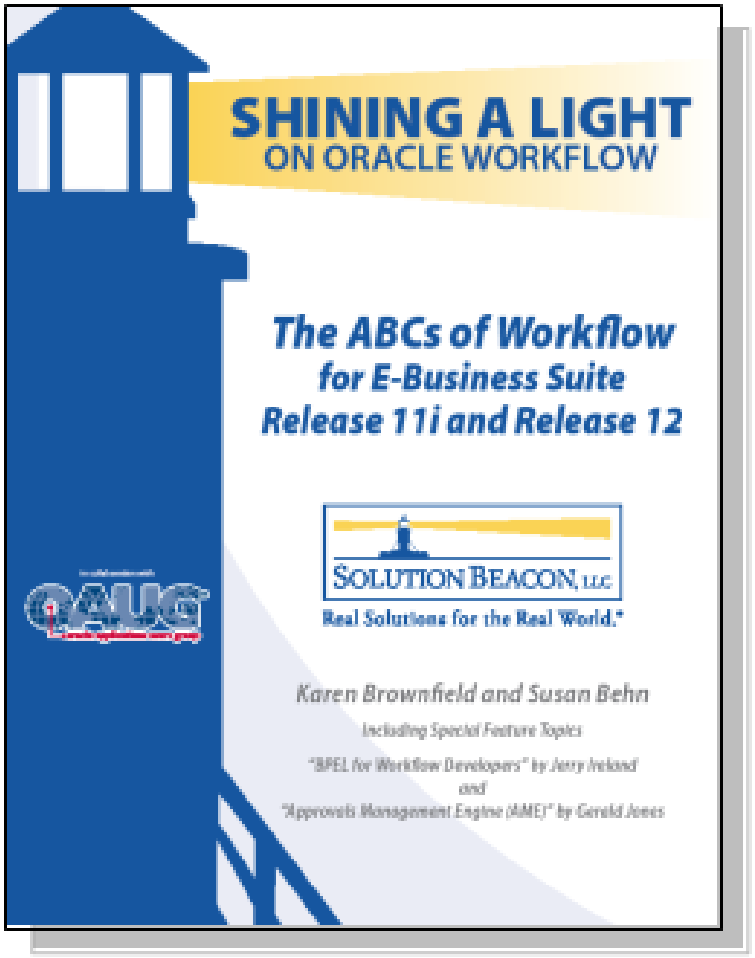
- **Integration Blog**
  http://blogs.oracle.com/ebusinesssuiteintegration

Karen Brownfield, InfoSemantics

- **List of Recommended Patches**
  http://workflowsig.oaug.org/reference_files/Karen_Brownfield_latest_WF_patches_2014.xlsx

- **Notes on 'Instant Client for Microsoft Windows' install**
  http://workflowsig.oaug.org/reference_files/Karen_Brownfield_Create_11g_Oracle_Home.docx

Karen Brownfields reference book on Workflow



To purchase either the hard copy or electronic book

http://lulu.com

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

Thank You For Attending

John Peters, JRPJR, Inc
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This paper is posted on my web site along with many others I have done over the years:
http://jrpjr.com/

Click on Paper Archives on the right hand side, then:
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Questions?
Comments?