Objectives

- As a result of this presentation, you will be able to:
  - Extend XML Publisher to accommodate for all business document and delivery needs.
  - Build a generic solution that can be used for delivering any document produced by the Oracle E-Business Suite.
  - Control the delivery of all XML-based documents from the Oracle Concurrent Manager.

Speaker's Qualifications

- Brian J Looman is Director of Technologies for Greybrooke Consulting, Inc.
  - Combination of business and technical expertise
  - Over 11 years of hands-on functional and technical experience working with Oracle Applications and business processes
    - Process & Discrete Manufacturing, Order to Cash, Procure-to-Pay, Supply Chain Planning & Management, Daily Business Intelligence, Data Warehousing, and numerous custom applications

Agenda

- Introduction
- Overview
- Challenge
- Solution
- Summary
- Q & A

Introduction

- XML Publisher already gives a customer a great deal of flexibility for building and delivering professional documents. Using the standard Java APIs, a number of additional extensions can be added to Oracle E-Business to provide an endless tool-kit. Whether the documents need to be emailed, faxed, printed, or ftp'd, all delivery methods can be handled through the same common functionality.

Challenge

- Oracle Applications utilizes only a small amount of the build and delivery functionality of XML Publisher. Even with a large library of Java delivery and document template APIs within XML Publisher, only the simplest methods are built into the Concurrent Manager and Post Processor.

Solution

- Build common Java classes
  - Use XML Publisher APIs
  - Combine all components into a toolkit
- Extend Oracle Applications
  - When standard functionality isn't enough
  - Build solutions from the base methods
  - Call from many technologies

Implementation

- Build common Java classes
  - Use XML Publisher APIs
    - Develop simplified methods
      - Can be called from technologies
      - Easily supported
    - Write as Plug-in components
      - Create XML data from Data Definitions
      - Build PDF documents using XML Templates
      - Deliver documents via email, fax, etc.
  - Combine all components into a toolkit

Implementation

- Extend Oracle Applications
  - When standard functionality isn't enough
    - Understand current functionality
      - Attaching Oracle Reports to XML Templates
      - Post Processor capabilities
      - Provided XML Publisher Concurrent Executables
    - Know the limitations
      - Program Layouts for XML Publisher
      - Notifications with Workflow

Implementation

- Extend Oracle Applications
  - Build solutions from the base methods
    - Look beyond a single customer need
    - Generic Concurrent Programs useable anywhere
    - Follow Application Developer practices
      - Profiles
      - Parameters (Hidden)
      - Application Messages
      - Request Sets

Implementation

- Extend Oracle Applications
  - Call from many technologies
    - Directly from Java (and OA Framework)
    - PL/SQL via Stored Java Procedures
    - Java Concurrent Programs
    - BPEL
    - Shell scripts

Q & A

For More Information...

or to discuss how you could leverage Java APIs to manage XML Publisher Document Templates and Delivery Requests for your organization please visit us at the OAUG Partner Pavilion in the exhibit hall

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