How to Fusion?
An introductory session for Learning/Adopting Oracle Fusion Applications

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As a result of this presentation, you will learn about Fusion Applications:

- What it is?
- How is it made of?
- What it means to you?
- When it is coming?
- Recommendations
- Resources
Introduction
About Presenter - Mani

- Founder and Chair for OAUG CDM SIG
  - http://cdmsig.oaug.org
  - http://groups.yahoo.com/group/cdmsig
- President of Rhapsody Technologies, an Oracle partner with specialization in implementing Oracle’s MDM applications
- Frequent speaker of topics associated with Oracle’s MDM products – Customer Data Hub, Product Hub, Site Hub and Supplier Hub
- Working with Oracle Applications for over 18 years and has implemented Technology Solutions for clients in many industries.

Mani Kumar Manda
Rhapsody Technologies, Inc.
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About Rhapsody

- Helping customers realize benefits of Oracle EBS since 1998
- A full Services Consulting firm with focus on Oracle EBS and Fusion Applications
- Oracle’s Preferred Partner of choice for EBS based MDM Hubs
- Oracle EBS expertise from the days of Version 9.4.2
- High degree of Client Satisfaction
- Flexible and Adaptable to meet unique business challenges of Clients
Our Service Offerings

Offerings

- Assessments / Audits
- Business Case Development
- Data Governance Initiatives
- Data Quality Initiatives
- Enterprise Information Mgmt. (EIM)
- Health Checks
- Implementation Roadmaps
- Implementations / Upgrades
- Remote Support
- Strategy and Architecture
- Training and Workshops
- Turn-Key Projects

Applications and Technologies

ERP / CRM / SCM / HCM

- E-Business Suite (R12)
- Fusion Applications

Oracle MDM Hubs & related Products

- Customer Hub (CDH & UCM)
  - Fusion Customer Hub
- Product Hub (PIM / PDH)
  - Fusion Product Hub
- Supplier Data Hub
  - Supplier Life Cycle Mgmt.
- Site Hub
  - Hyperion DRM
  - Enterprise Data Quality – Party (EDQ)
  - Enterprise Data Quality – Product (EDQP)
Fusion Applications !!!

What is it anyway?
Fusion Applications is neither “Fusion Technology” nor “Fusion Middleware”, rather it is a new generation of business application (just like existing EBS, PeopleSoft, or Siebel) that is built using Fusion Middleware from ground up, only better.

Fusion applications is

- Not any of the current applications; and
- It is all of the current applications in some form
  - mashed up along with usability and business process optimization giving birth to a new set of better applications
Fusion Applications !!!

What is it made off?
End User Productivity

- A process centric application
  - business user friendly
  - aligned with real life business processes
- An intuitive UI and rich feature set (known as UI Shell)
  - Navigate to a Task or Activity quickly and easily
- Embedded dash boards in task flows that are role based empowering users with analytical information
- Security enforcement with role based access
- Robust Help functionality available when and where user needs it
- Integrated Collaboration features such as Activity Streams, Announcements, Discussions, Spaces, etc.
Fusion Architecture
Fusion Middleware technology

- SOA Suite (BPEL, BAM, Business Rules)
  - Application Integration Architecture (AIA)
- BPM Suite
- Web Center Suite
- JDeveloper
- Applications Development Framework (ADF)
  - ADFui, ADFbc, ADFdi
- Weblogic Applications Server
- BI Publisher

- Oracle Business Intelligence Enterprise Edition Plus (OBIEE)
  - aka BI Foundation Suite
- Content Management
- Collaboration Suite
- Oracle Database 11g
- Essbase
- Enterprise Manager
- Identity Management
In Comparison to R12

Fusion Applications built upon

- ADF
  - ADFui
    - Metadata driven control logic
    - Model abstraction through data bindings
  - ADFbc
    - Metadata driven validations
    - EL expression support
  - ADFdi
    - Works closely with ADFbc & ADFui
    - Requires Microsoft Excel 2007

- SOA Suite
  - BAM (Business Activity Monitoring)
  - BPEL (Business Process Execution Language)
  - BPM (Business Process Management)

- AMX
- ESS (Enterprise Scheduler Service)
- EFF (Extensible Flexfields Framework)
- UCM (Universal Content Manager)
- Contextual Actions
- Web Center
- Identity Manager
- Security Manager

EBS R12 built upon

- OA Framework
- BC4J
- Workflow
- XML Gateway
- Web ADI
- Concurrent Programs
- UDA
- FND Attachments
- Files Online
Fusion Applications !!!

How is it built?
Fusion Applications is made of…
A new application that is built ground up

- With
  - Enhanced versions of EBS data model, Siebel CRM data model and PeopleSoft HCM data model
    - Customer Data is based on Enhanced version of TCA framework
      - PeopleSoft Set IDs
      - Extensible Attributes
      - Date Effectivity
      - PeopleSoft Trees
  - Without
    - FND User
    - EBS Responsibilities
    - Operating Units
    - Business Groups
    - OICM
    - Date Track
Paradigm Shift

- Identity Manager replaces FND User
- Business Units replace Operating Units
- Access Control Governor replaces OICM
- Date Effectivity replaces DateTrack
- Enterprise Scheduler Service (ESS) replaces Concurrent Manager
User Experience (UX) focus, not just UI centric

- How fast a user can complete a task?
  - Productivity focused and Process based
  - Seamless Integration
  - Social Collaboration Tools native to the application
    - Spaces, Discussions, Activity Streams, Ratings, Tags …
  - Enhanced Business Processes
  - ADF Desktop integration
  - A robust UI Shell
  - Faster Navigation
User Experience (UX) focus, not just UI centric

- How easily a task can be learned?
  - Intuitive layout
  - Embedded User Assistance
    - Types
      - Bubble Help
      - In-field Help Notes
      - Terminology Definition
      - Instruction Text
    - In-depth context sensitive assistance
    - Structured around business processes
    - Documentation includes FAQs, Examples, UPK Demos and PDF Guides
  - Process based training that are packaged based on Roles and taught using case studies consisting of real world scenarios
Consists of …

- Complete with Industry focus, Built with Open Standards Architecture and Integrated using AIA framework

- Process Centric
  - Adopts Business Process Model approach (BPA Suite)

- 1100 Services
  - Service = Object, e.g.: Invoice
  - Service Method = Business Process Task, e.g.: Create Invoice

- Enhanced Functionality
  - Facilitates Service Provider model with MOAC combined with BU Mapping
  - Reusable Chart of Accounts Structure

- Native BI
  - Over 20 Role based Dash Boards
UI Shell

Navigation

Transactions

Tasks

Search

Reports

Analytics

Tools
Customer UIs
Customer UIs
Customer UIs
Customer UIs
Project Management Dashboard
HR Organization Chart
Sales Dashboard
Fusion Applications !!!

What is in released version?
Excluded are
- Manufacturing
- Public Sector
- Industry Verticals
- Planning
- Etc.

Limitations
- Limited Localization support (Primary focus is North America and UK)
- Budgetary Control
Fusion Applications !!!

Upgrade Scenarios
Upgrade Scenarios

- **One to One**
  - EBS to Fusion Apps
  - PeopleSoft Financials to Fusion Apps
  - PeopleSoft HRMS to Fusion Apps
  - Siebel CRM to Fusion Apps

- **Many to One**
  - Can not be done through automated upgrade path
  - Upgrade one environment first
    - and then re-implement rest
    - Or Upgrade into another FA environment and consolidate FA environments

- **One to Many**
  - If you use any functionality that is not part of V1 but still see business value in going to Fusion Apps, this may result in multiple Fusion Apps instances.
  - Can be mitigated through FA environment consolidation
Upgrade Styles

- Continue with Apps Unlimited Path
  - Upgrade only when you are ready

- Big Bang upgrade to Fusion Applications
  - Suitable for only some companies, especially service based ones
  - Fusion V1 doesn’t include all the functionality (for example lack of localization support, budgetary control, manufacturing modules, etc.)
Co-Existence Approach

- Co-existence of parts of Fusion Applications with current applications environment
- Pre-packaged co-existence integrations (about 10 of them with V1) using SOA and ODI. For example:
  - Fusion distributed order orchestration to non-Fusion order entry fulfillment
  - Fusion Accounting Hub to non-Fusion financials
  - Fusion MDM Hubs
Fusion Applications !!!

What does this mean to you?
Adoption and Implementation

- Get trained in Fusion Middleware Technologies
  - Or become a Dinosaur… Eventually…

- Prepare to re-implement if your current installation is heavily customized
  - Take stock of all customizations
  - Document existing business processes
  - Identify and document process issues and deficiencies

- Upgrade (probably technical) to EBS R12 if you are on R11i and your installation is either vanilla or lightly customized
  - Can upgrade easily from R12 to Fusion Applications, though you can technically upgrade from R11i to Fusion Applications
    - Older versions of EBS (prior to R11.5.10) will not be able to directly upgrade to Fusion Applications
Explore implementing Fusion Accounting Hub

- This will give you following benefits
  - Sophisticated financial reporting base
  - With sophisticated Allocation Engine
  - With built-in Reporting capabilities through use of Cubes
- Minimal disruption
Explore implementing Fusion MDM applications either for Customer or for Product or both initially

- This will give you following benefits
  - You are implementing a must have application that you most likely have not implemented yet
  - Learn the inner workings of Fusion Applications in the process
  - By the time you are ready to migrate from Apps Unlimited Applications to Fusion Applications
    - You will have trained resources
    - The product would have stabilized
    - Oracle might have released one or two point versions
    - Possibly increased functionality like releasing of Manufacturing modules and/or MDM solution for other domains like Sites, Suppliers, Accounting, etc.
Explore implementing New Apps

- Identify business needs that are not being fulfilled by AU Apps at your organization regardless of AU App exists or not
- See if an App is provided by Fusion Applications
- Consider implementing these modules
Fusion Applications !!!

Resources
Don’t forget to join a Linked In group “Oracle Fusion Applications” → http://tinyurl.com/3232emw
Go to https://fusionappsoer.oracle.com/oer/ and login as Guest
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Resources – Oracle Fusion Applications Documentation


**Oracle Fusion Applications Documentation**
- Oracle Fusion Applications 11g Release 6 (11.1.6)
- Oracle Fusion Applications 11g Release 5 (11.1.5)
- Oracle Fusion Applications 11g Release 1 (11.1.4)
- Oracle Fusion Applications 11g Release 1 (11.1.3)
- Oracle Fusion Applications 11g Release 1 (11.1.2)

**Oracle Fusion Applications Technology Documentation**
- Oracle Fusion Applications Technology 11g Release 6 (11.1.6), [Download library]
- Oracle Fusion Applications Technology 11g Release 5 (11.1.5), [Download library]
- Oracle Fusion Applications Technology 11g Release 1 (11.1.4), [Download library]
- Oracle Fusion Applications Technology 11g Release 1 (11.1.3), [Download library]
- Oracle Fusion Applications Technology 11g Release 1 (11.1.2), [Download library]
- Oracle Fusion Applications Technology 11g Release 1 (11.1.1), [Download library]
Resources – Oracle Fusion Applications Documentation


Oracle Fusion Applications Documentation Library

Welcome
Use this page to learn about Oracle Fusion Applications and how to make the most of the help embedded within the application pages. You can also browse courses from Oracle University and get connected with Oracle communities.

Use the tabs to find user guides, implementation guides, and other documentation resources for each product family. Use the Oracle Fusion Applications Technology Library to find administrator, developer, and other technical guides.

Learning About Oracle Fusion Applications
Resource Library - For data sheets, demos, podcasts, solution briefs, internet seminars, white papers.
Training from Oracle University/Licensing Information

Booklist
Master Booklist

Oracle Fusion Applications Help
Click help icons in your application to see contextual help.
Using and Customizing Help (Demos)
Oracle Fusion Applications User Assistance White Paper

Information Developers talk about:
Embedded Help (Video: 2:10)
Customizable Help (Video: 2:26)

Getting Connected
Oracle Applications Blog
Oracle Community

Related Sites
Oracle Cloud Documentation
Oracle Fusion Applications Technology Library
Oracle Fusion Middleware Library
Oracle Accessibility Program

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"Mastering" Master Data Solutions
Recommended Reading

- Common Implementation guide
- Common User Guide
- Enterprise Information Management Guide
- Enterprise Structure Concepts Guide
- Financials Concepts Guide
- Fusion Functional Setup Manager User’s Guide

NOTE: You can download documentation from technet.oracle.com
1. Login to edelivery.oracle.com site
2. Search for UPKs
3. Locate Fusion Applications UPK Media Pack
4. Download the UPK files
Follow news about Fusion Applications at Twitter ID: ORCLFusionApps

Fusion Tap ➔ A Tablet based app to provide more insight into Fusion Applications

An Oracle Press book titled “Managing Oracle Fusion Applications” by Richard Bingham

Oracle Fusion Applications Knowledge Zone (For Partners Only) ➔ www.oracle.com/partners/en/knowledge-zone/applications/fusion-apps-030116.htm (http://tinyurl.com/7qp56xj)

Check Resources page on Rhapsody website for recorded and other presentations on Fusion Applications, MDM and Oracle EBS at http://www.rhaptech.com/resources.html
Conclusion
In Short, Fusion Applications is …

“has more of what you need,

less of what you don’t,

and some of what you didn’t even think possible.”

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Send me a note via email, if you like to get latest versions of the Presentation and White Paper.

Special Interest Groups:

Oracle Fusion Applications Group at LinkedIn:

http://www.linkedin.com/groups?mostPopular=&gid=2316926  
(http://tinyurl.com/3232emw)

Twitter ID: ORCLFusionApps