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

NCOAUG Winter Training Day
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Rhapsody Technologies, Inc.

Agenda

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

Mani Kumar Manda
Rhapsody Technologies, Inc.
Naperville, IL, USA

- ❑ 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.

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?

What is "Fusion Applications"

❑ 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

    o 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.
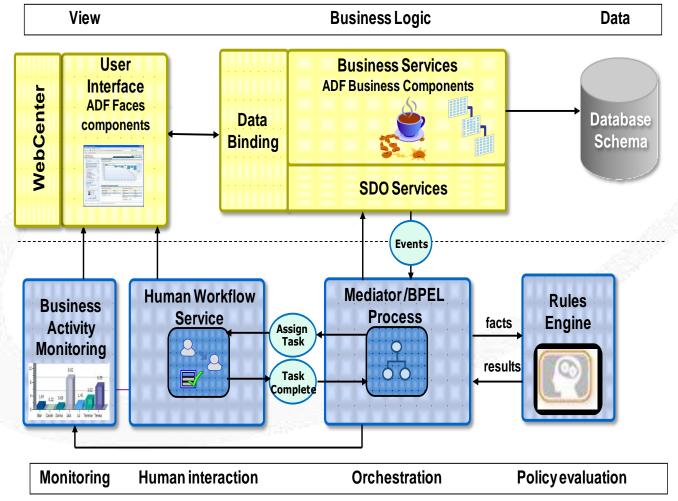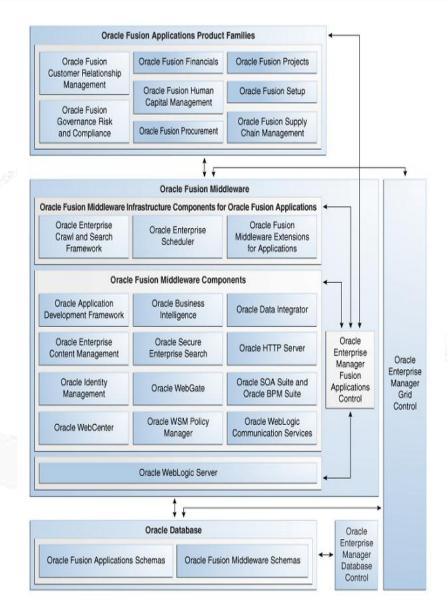
Fusion Architecture

Image is courtesy of Oracle

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
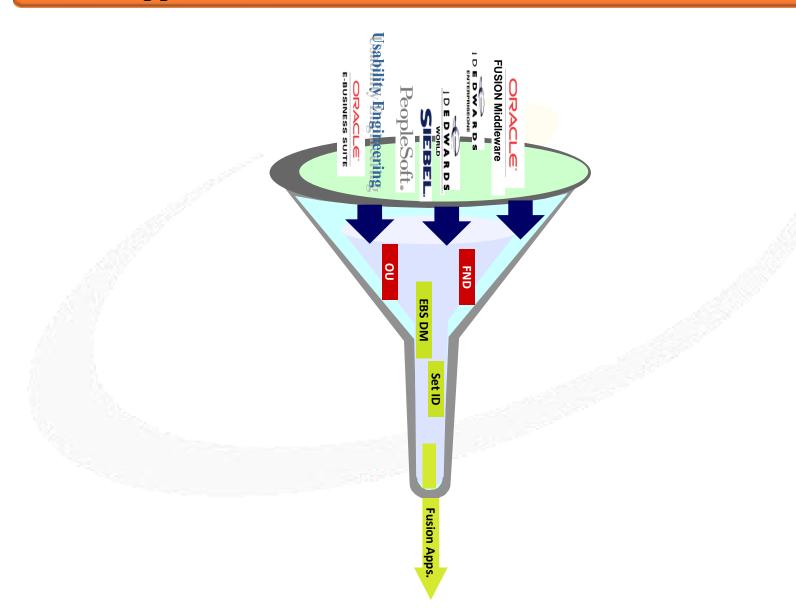- Concurrent Programs
- UDA
- FND Attachments
- Files Online

Fusion Applications !!!

How is it built?

Fusion Applications is made of…

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Fusion Applications is

- 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

Consists of

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

Consists of

❑ 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
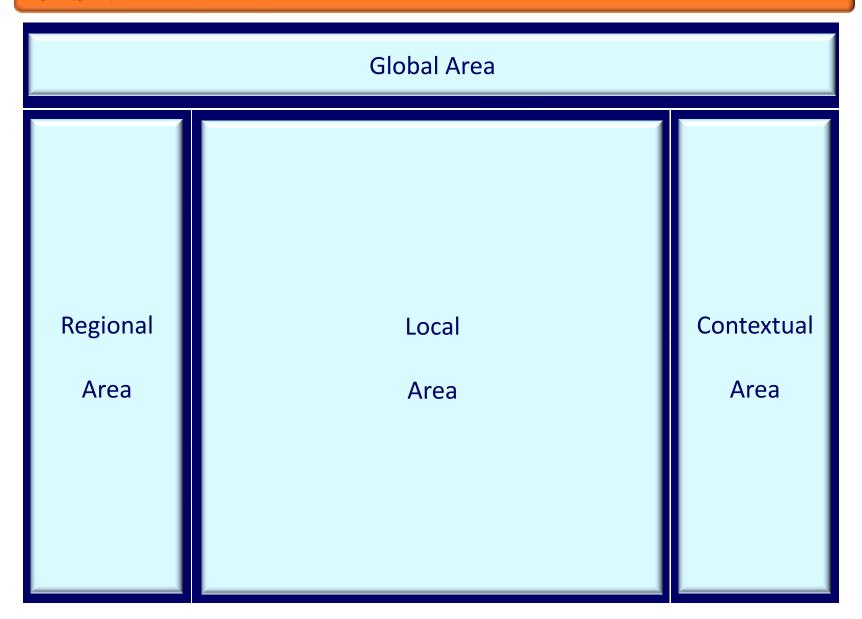
Consists of …

❑ 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

Business Process Model
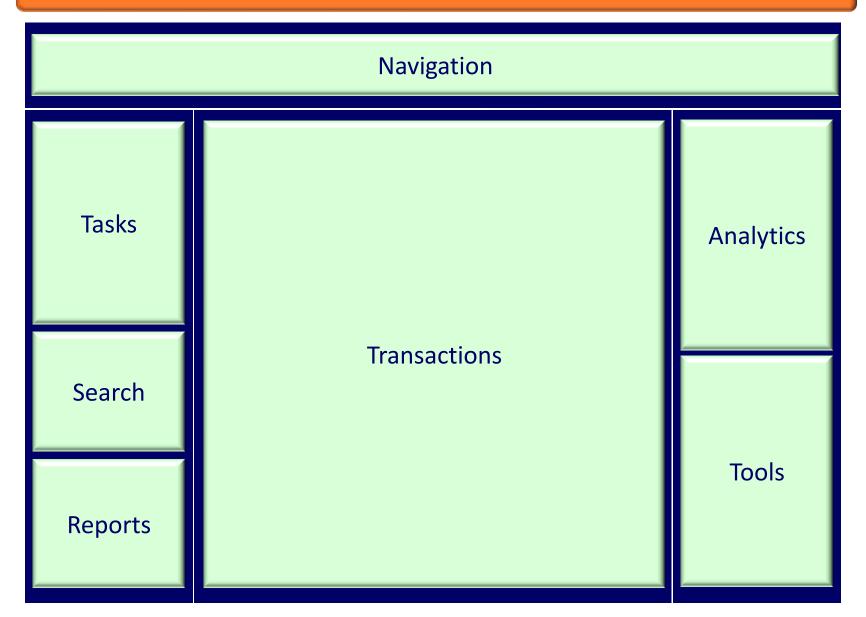
L0 - Industry
L1 – Process Area
L2 - Process
L3 - Activity
L0 - Task

UI Shell

Global Area		
Regional Area	Local Area	Contextual Area

UI Shell

Navigation

Tasks

Search

Reports

Transactions

Analytics

Tools

Customer UIs

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Customer UIs

Customer UIs

Customer UIs

Project Management Dashboard

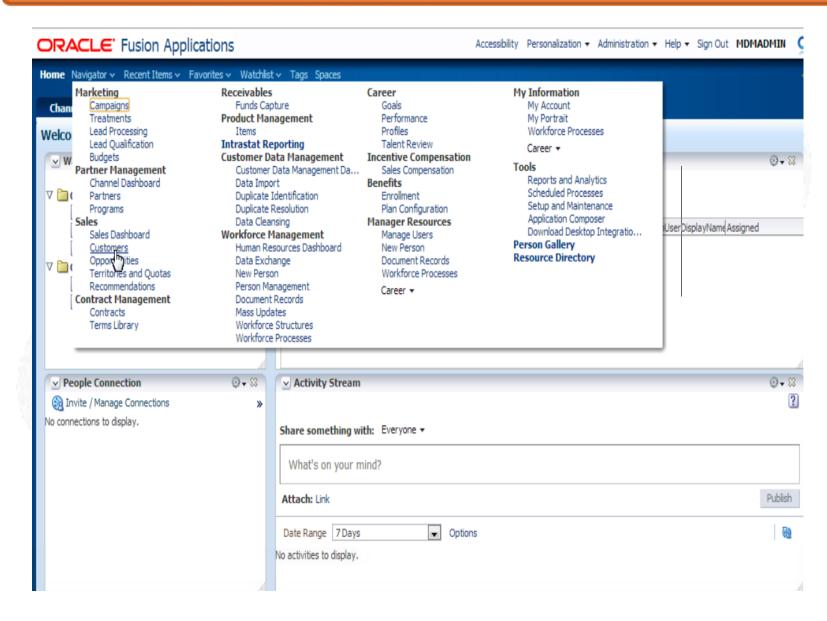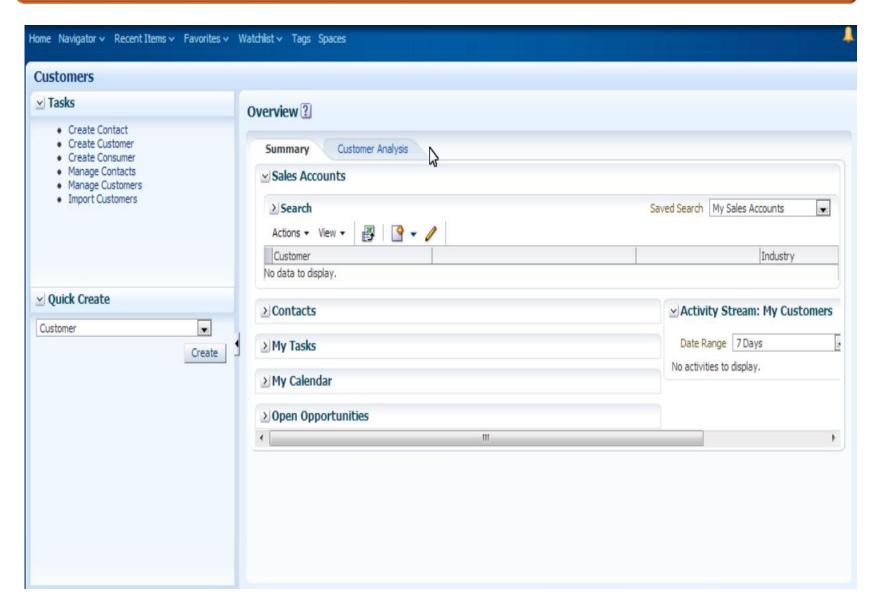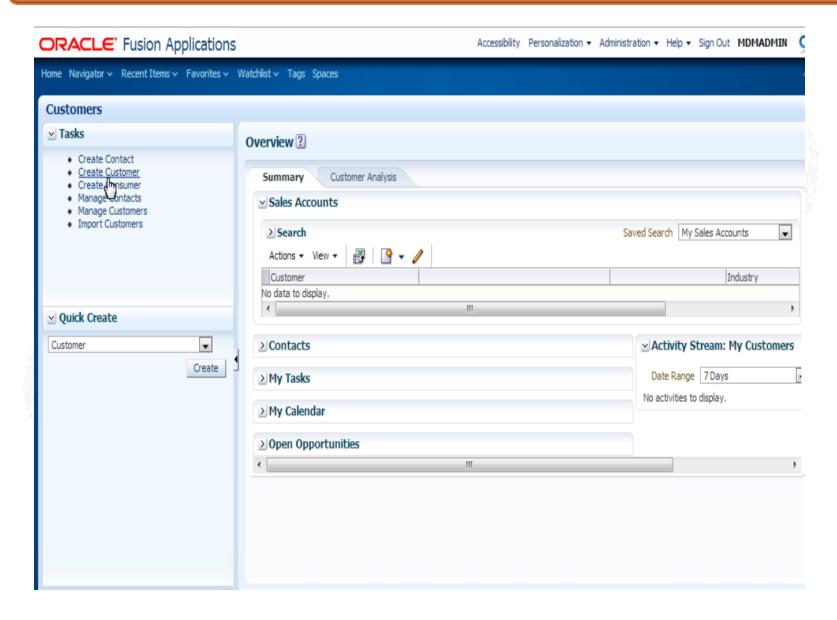# HR Organization Chart

Sales Dashboard

Fusion Applications !!!

What is in released version?

Fusion Applications v 1.0

Fusion Applications

Financials
- GL
- AR
- AP
- Assets
- Other

CRM

Includes MDM for Cust.

HCM

SCM

Includes MDM for Product

Includes DOO

PPM

Procure-ment

GRC

Fusion Applications v 1.0

❑ 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
  - o and then re-implement rest
  - o 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.)

Upgrade Styles

- ❑ 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:
    - o Fusion distributed order orchestration to non-Fusion order entry fulfillment
    - o Fusion Accounting Hub to non-Fusion financials
    - o Fusion MDM Hubs

Fusion Applications !!!

What does this means 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

    o Older versions of EBS (prior to R11.5.10) will not be able to directly upgrade to Fusion Applications

Adoption and Implementation …

❑ Explore implementing Fusion Accounting Hub
  ▪ This will give you following benefits
    o Sophisticated financial reporting base
    o With sophisticated Allocation Engine
    o With built-in Reporting capabilities through use of Cubes
  ▪ Minimal disruption

Adoption and Implementation …

❑ 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.

Adoption and Implementation …

❑ 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

Resources – Oracle Site

At http://www.oracle.com/us/products/applications/fusion/overview/index.html

Resources – LinkedIn Group

Don't forget to join a Linked In group "**Oracle Fusion Applications**" →
http://tinyurl.com/3232emw

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Resources – Enterprise repository

Go to **https://fusionappsoer.oracle.com/oer/** and login as Guest

ORACLE®

Enterprise Repository

Please Login

Username: [ ]

Password: [ ]

[Login]   [Login as Guest]

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Resources – Enterprise repository …

Go to **https://fusionappsoer.oracle.com/oer/** and login as Guest

Resources – Enterprise repository …

Go to **https://fusionappsoer.oracle.com/oer/** and login as Guest

Resources – Oracle Fusion Applications Documentation

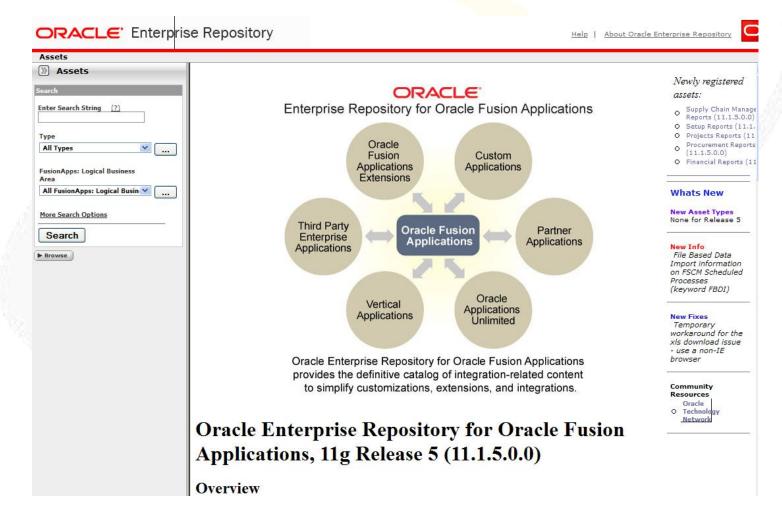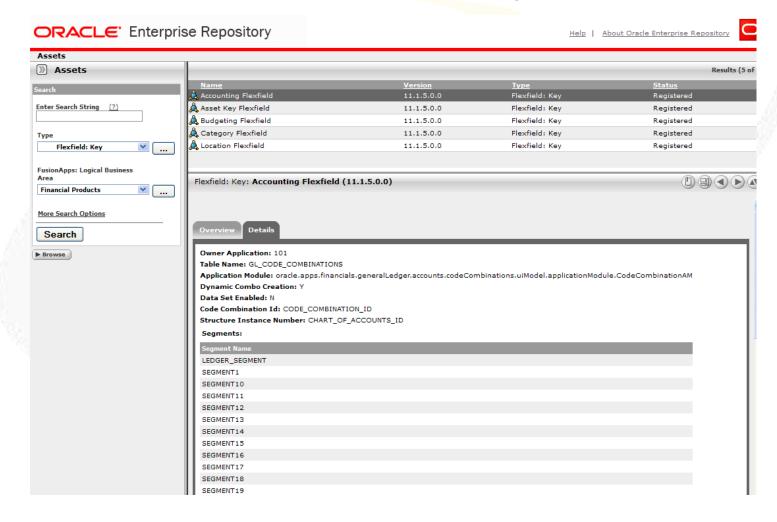❑ Download from http://www.oracle.com/technetwork/documentation/fusion-apps-doc-1508435.html

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

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| Overview | Customer Relationship Management | Financials | Governance, Risk and Compliance | Human Capital Management | Procurement | Project Portfolio Management |

| Supply Chain Management | Technology |

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.

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Learning About Oracle Fusion Applications

Resource Library - *For data sheets, demos, podcasts, solution briefs, internet seminars, white papers.*

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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
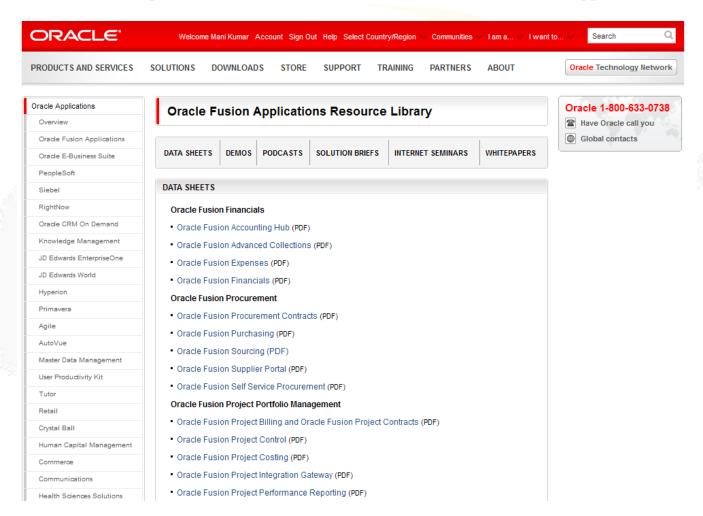Oracle Community

Related Sites

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

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Coexistence for HCM Implementation Guide	HTML	/ PDF
Common Implementation Guide	HTML	/ PDF
Common Security Reference Manual	HTML	/ PDF
Common User Guide	HTML	/ PDF
Compensation Management Implementation Guide	HTML	/ PDF
Compensation Management, Compensation Guide	HTML	/ PDF
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Cost Accounting and Receipt Accounting Implementation Guide	HTML	/ PDF
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Fusion Accounting Hub Implementation Guide	HTML	/ PDF
Fusion Accounting Hub Security Reference Manual	HTML	/ PDF
Fusion Functional Setup Manager User's Guide	HTML	/ PDF

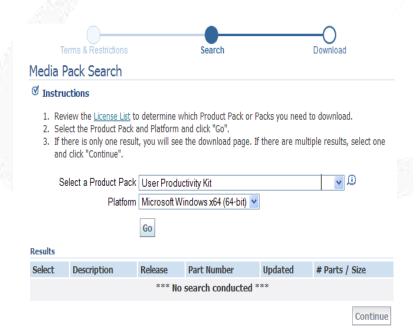# Resources – Oracle Fusion Applications Documentation

Recommended Reading

❑ Common Implementation guide

❑ Common Security Reference Manual

❑ 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

Resources - Fusion Applications UPKs

1. Login to edelivery.oracle.com site
2. Search for UPKs
3. Locate Fusion Applications UPK Media Pack
4. Download the UPK files

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Resources - Other

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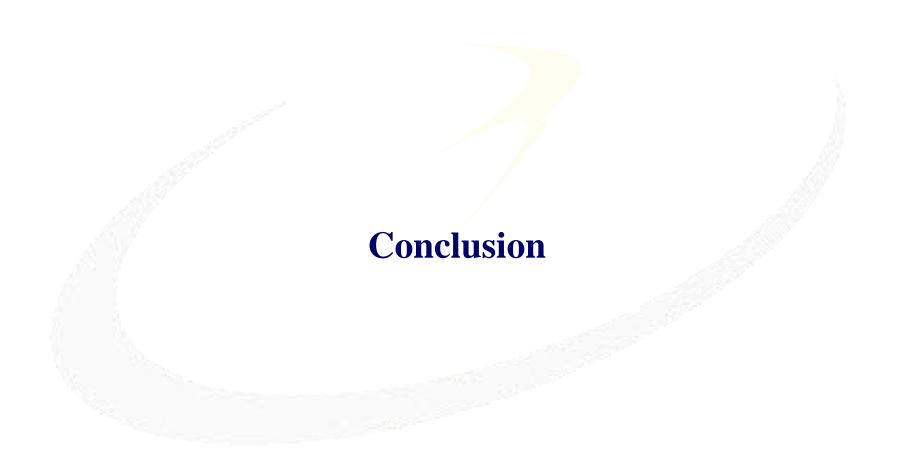
❑ Oracle Fusion Applications Knowledge Zone (For Partners Only) → www.oracle.com/partners/en/knowledge-zone/applications/fusion-apps-030116.htm (**http://tinyurl.com/7qp56xj**)

❑ 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."

Paul Brook

VP, Application Support, Oracle

QUESTIONS & ANSWERS

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Special Interest Groups:

Oracle Fusion Applications Group at LinkedIn:

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

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