



Fusion Applications

What Does It Mean to You

A simple look at the architecture

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- Oracle Alliance Director and Fusion Champion for Fujitsu UK & Ireland
- Oracle ACE Director, OCP & Oracle Masters
- Oracle Apps (EBS) since 9.4.1 (16 years)
- President of UKOUG
- 2008 Oracle Magazine Award ‘User Group Evangelist of the Year’

What We Will Cover

<input type="checkbox"/>	Introductions
<input type="checkbox"/>	What are Fusion Applications?
<input type="checkbox"/>	What Do We Know?
<input type="checkbox"/>	Technology
<input type="checkbox"/>	User Experience
<input type="checkbox"/>	Reporting / BI
<input type="checkbox"/>	Database
<input type="checkbox"/>	Deployment
<input type="checkbox"/>	Questions

Fusion Architecture

- With Fusion Applications being launched as the best user experience ever, what is happening under the covers?
- But marketing does not tell us how we will support the product? How is it actually working ? This session will have a presentation that explains the architecture and design, explaining what data sources are used where and how - there are at least 3 databases! Hopefully will also include a demo of a small portion and then I want your questions

Disclaimer

- Oracle Fusion Apps have just been released. GA at OOW
- It means most slides are from Oracle (with permission)

What We Will Cover



Introductions



What are Fusion Applications?



What Do We Know?



Technology



User Experience



Reporting / BI



Database



Deployment



Questions

Oracle Strapline



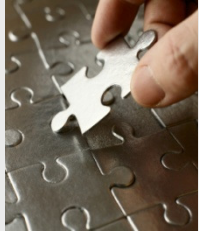
But still important - Oracle Strategy

The most important part is *integrated*; Fusion is all about the integration of data, but to have integration you need standards across all your data sources - the *open*, and as everything you need is available from Oracle (or they will buy it) Oracle is *complete*.



Oracle Fusion Applications

Design Principles



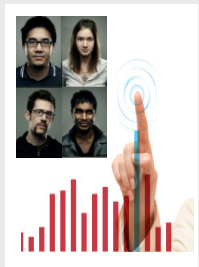
Next Generation **ADAPTABILITY**

- Optimize business flows with process configurability and applications extensibility
- Easily integrate with other applications with native SOA
- Provide business users with flexible organizational modeling



Next Generation **PRODUCTIVITY**

- Drive optimal operational decisions with embedded business intelligence
- Empower information workers with rich, pervasive, personalized user experience
- Connect people to people with Enterprise 2.0-enabled business processes



Next Generation **MANAGEABILITY**

- Improve efficiency with centralized financial management components
- Protect information privacy and ensure statutory compliance with centralized security, audit and controls
- Achieve superior ownership experience with unmatched manageability

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Questions

Fussion Applications technology Update ... - Message (HTML)

Message Developer

Reply Reply Forward to All
Respond

Delete Move to Folder Create Rule Other Actions
Actions

Block Sender Safe Lists Not Junk
Junk E-mail

Categorize Follow Up Mark as Unread
Options

Find Related Select Find
Find

You replied on 08/04/2011 07:39.

From: [redacted] Sent: Fri 08
To: Lilley Debra; [redacted]
Cc: [redacted]
Subject: Fussion Applications technology Update ... [redacted]

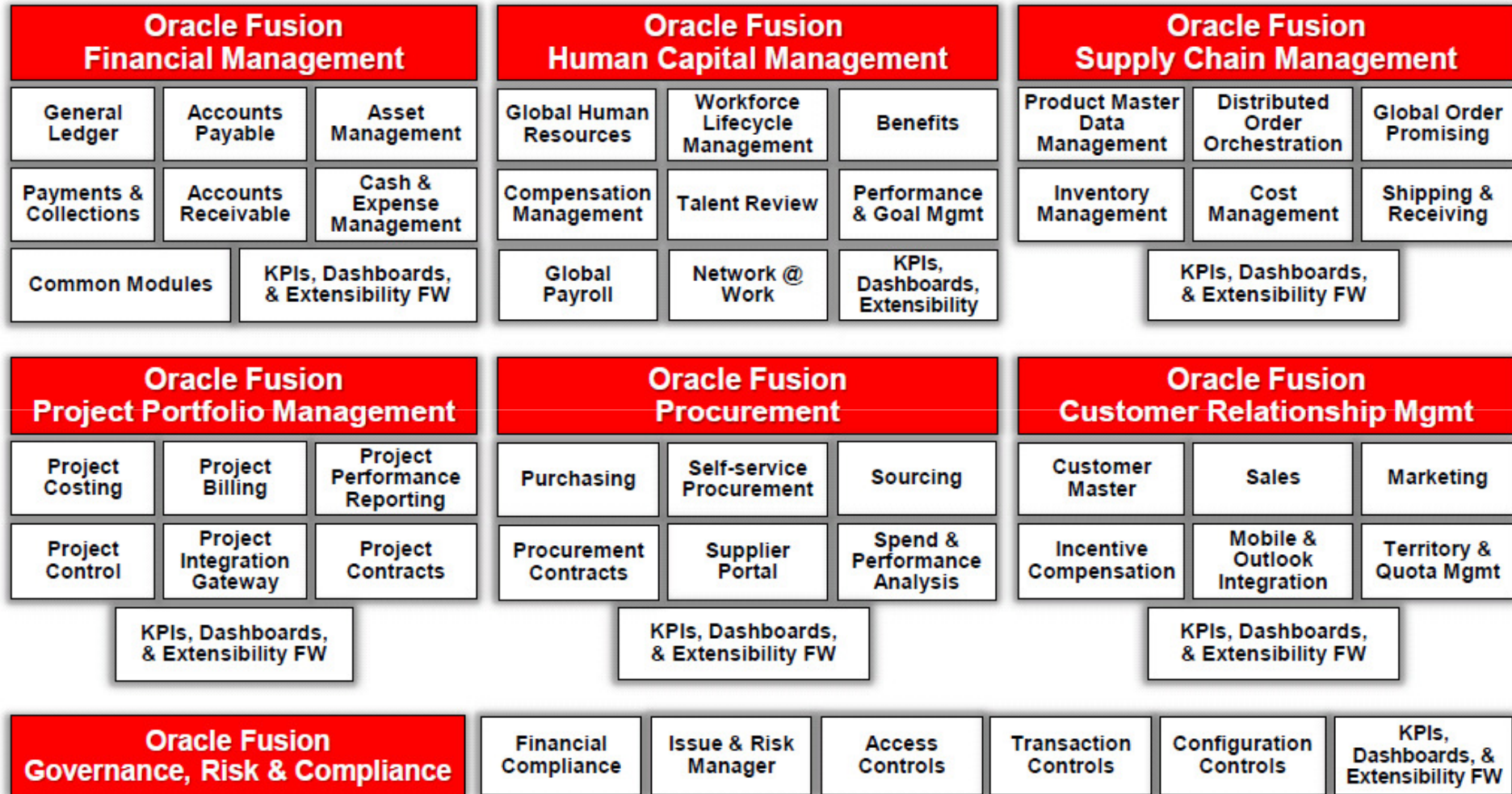
Hi

I had conference call with Oracle USA fusion Applications Team

It is nothing like what we had in mind ... It is based on completely different concept and Technology. I do not think that is any technology in Release 12 which has been used from technology side Fusion Applications.. Some main points

1. No Oracle Forms
2. No Oracle reports
3. No Oracle workflow
4. No Concurrent managers
5. Every Group of Applications has its own SOA installation .. Like as Financial , CRM , HCM.
6. Fusion Application's pre-request is Oracle Identity Manager Installation .
7. Concept of Domains ... every module is installed in its domain on Weblogic Server.
8. It requires Truck loads of Memory

What's In It



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FMW– The Technology



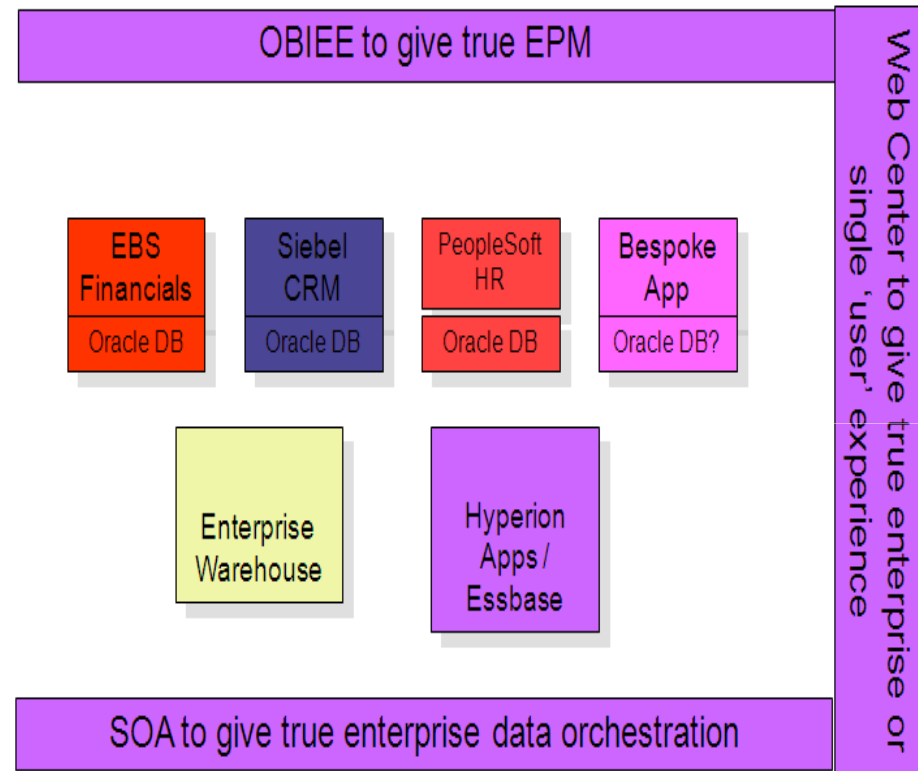
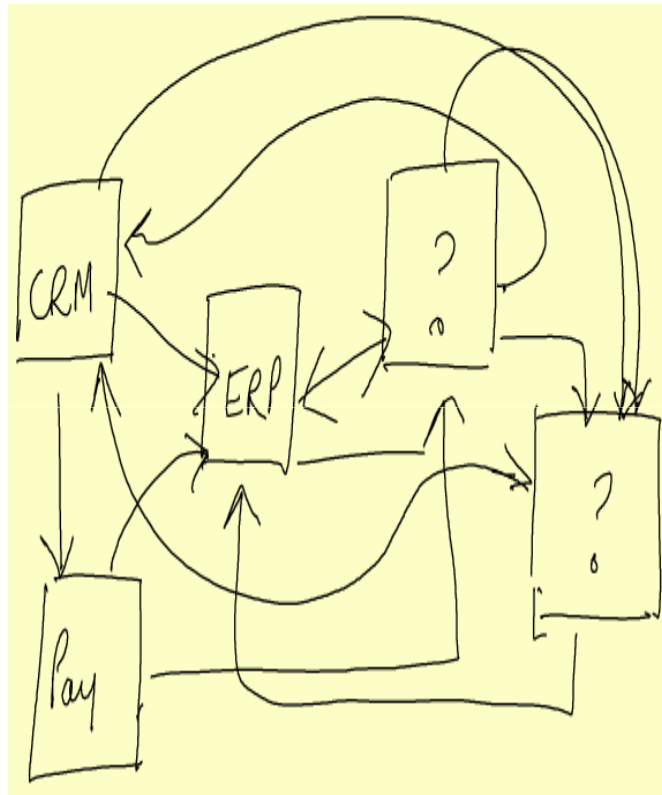
Miracle Video on FMW



Debra Lilley on Fusion MiddleWare

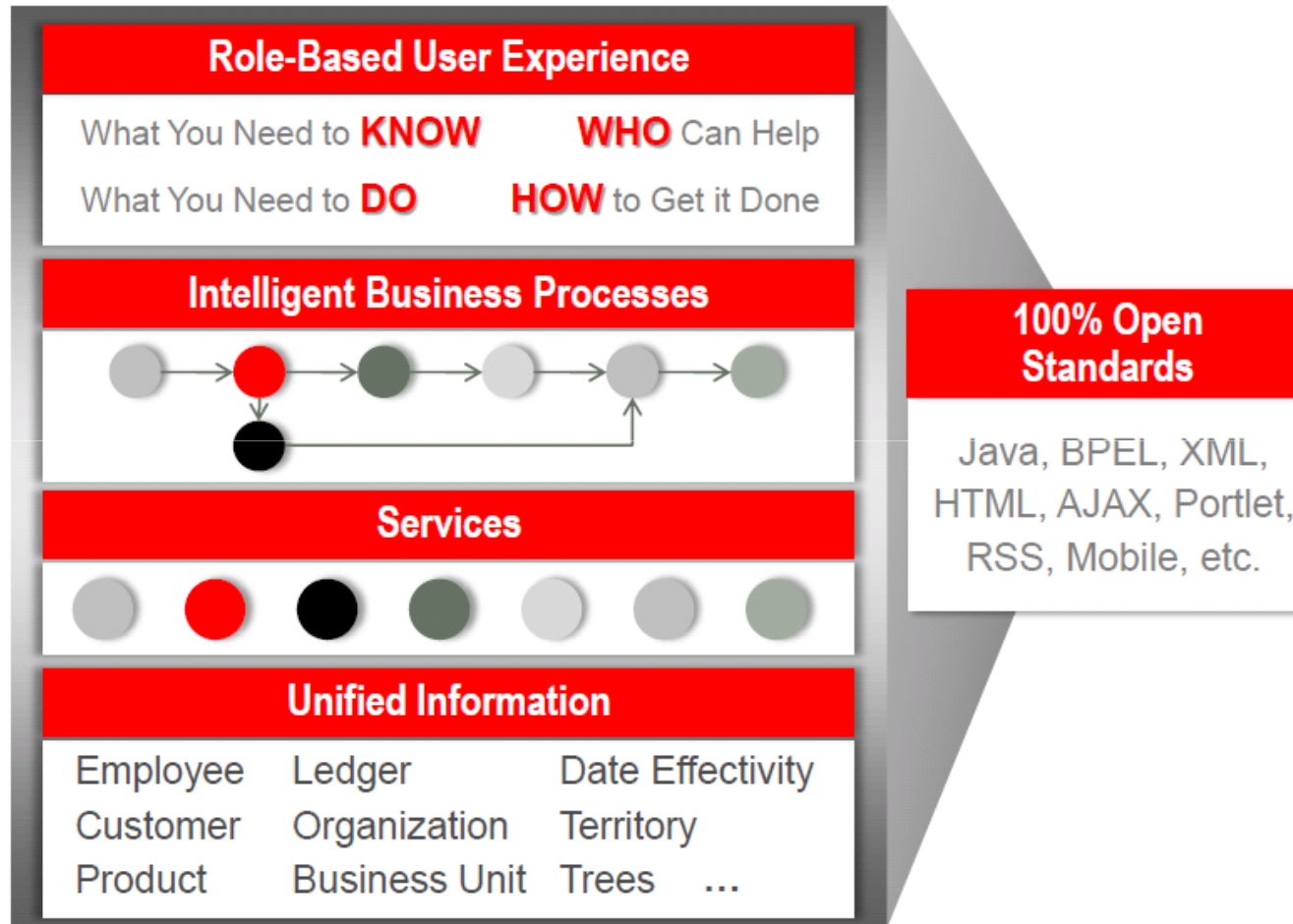
<http://www.miraclechannel.dk/video/550193/debra-lilley-on-fusion>

Fusion Technology for the IT Estate



From ThisTo This

Design Principles



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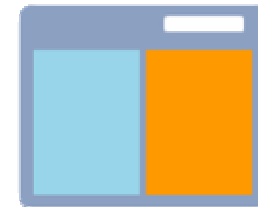
Questions

Market Trends

Evolution of the Web

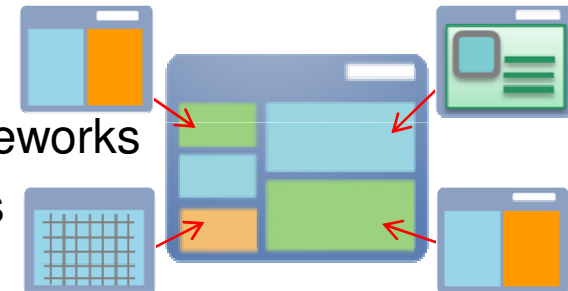
Web 1.0 – Connected Information

- Information delivered as linked web pages
- Transforming how we access information



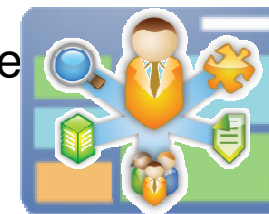
Web 1.5 – Connected Applications

- Service-oriented architecture & composite frameworks
- Transforming how we design & use applications



Web 2.0 – Connected Users

- Users share information using social software
- Transforming how we share information & work together



User Interface Improvements

What do I need to DO?

Project Name	Overall Project Health	Data Updates Available	Percent of Project Work Complete	Important Dates	Related Contracts
Hilman & Associates CRM Implementation	🔴	No	46.29%	Hilman & Assoc	
DirectMail GL Upgrade	🟡	No	22.29%	DirectMail GL Up	
Dept. of Labor Procurement Upgrade	🟢	No	38.23%	Dept. of Labor F	
Fox Stores Financials Upgrade	🟢	No	6.99%	Fox Stores Upgr	
Fox Stores Retail Upgrade	🟢	No	5.12%	Fox Stores Upgr	
Global Sports EMEA Procurement Implementation	🟢	No	15.39%	Global Sports Eh	
Global Sports RUA Projects Implementation	🟢	No	74.63%	Global Sports IM	
Stark Industries PPM Upgrade	🟢	No	23.18%	Stark Industries	

Exception-based Management

What do I need to KNOW?

Product	Product Total Revenue	Customer Total Revenue
A. C. Networks	0	0
Accent Tech	98,246	0
Advantage Corp	0	0
AT&T Sales Inc.	0	0
Agile Solutions	404,794	0
Allburton Corporation	0	0
Apac Systems	0	0
Avaya Software	118,415	0

Embedded Business Intelligence

How do I get it DONE?

Configurable Applications & Processes

WHO do I need to reach?

- Maria Williams**
ready for a long ...
- Klaus Beckenbauer**
About to meet wit...
- Laura Deschamps**
training for a 5K

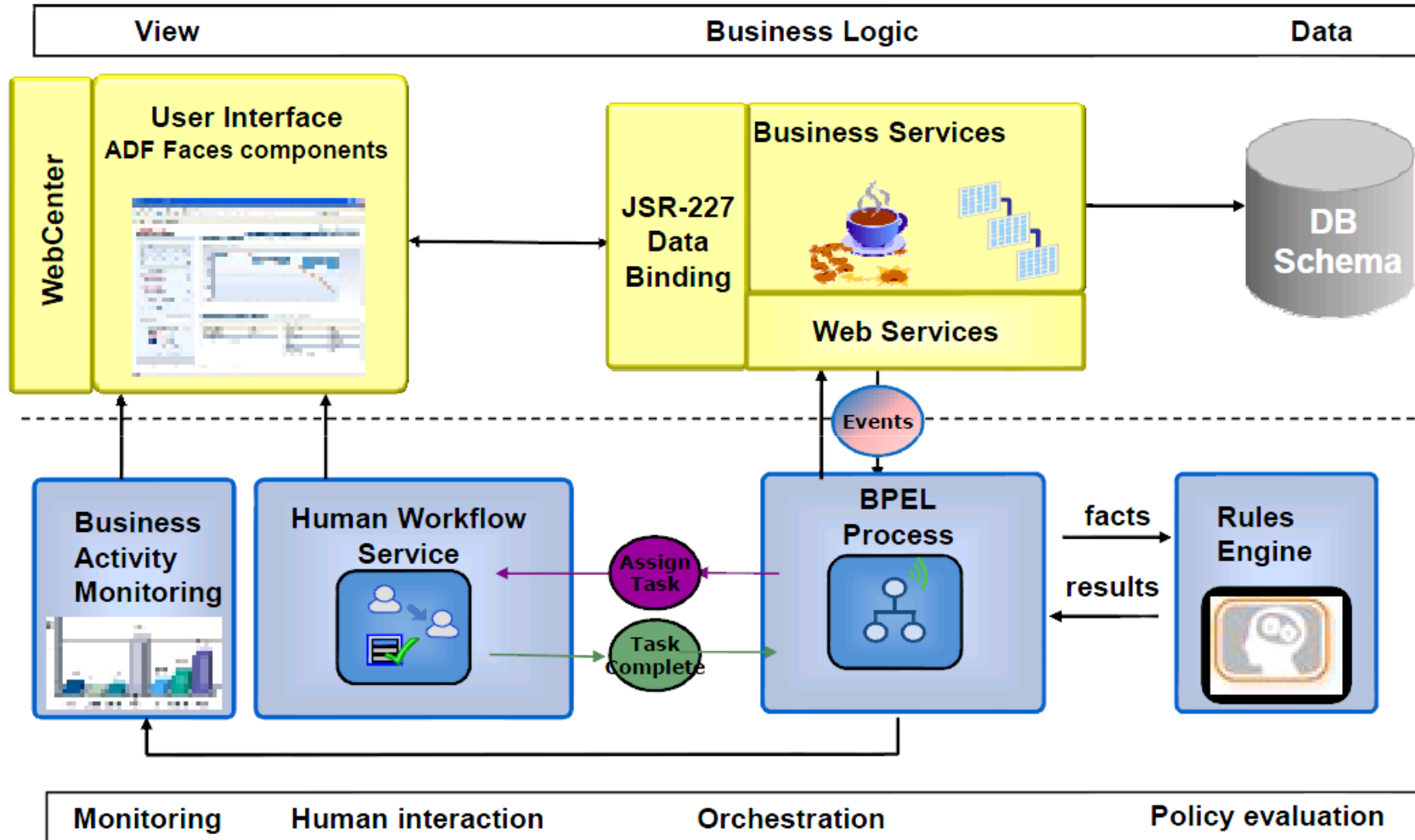
Embedded Collaboration



Mandatory slide

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

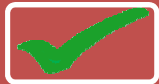
UI Architecture



Demo of Fusion Apps

Viewlet taken from development cut of application

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Fusion Reporting and Analytics

Oracle Transactional BI (OTBI)

- Real time, self service reporting directly off Fusion Apps data
- Pre-packaged content covering major Fusion Applications
- Built on Oracle BI EE technology

Oracle BI Applications (OBIA)

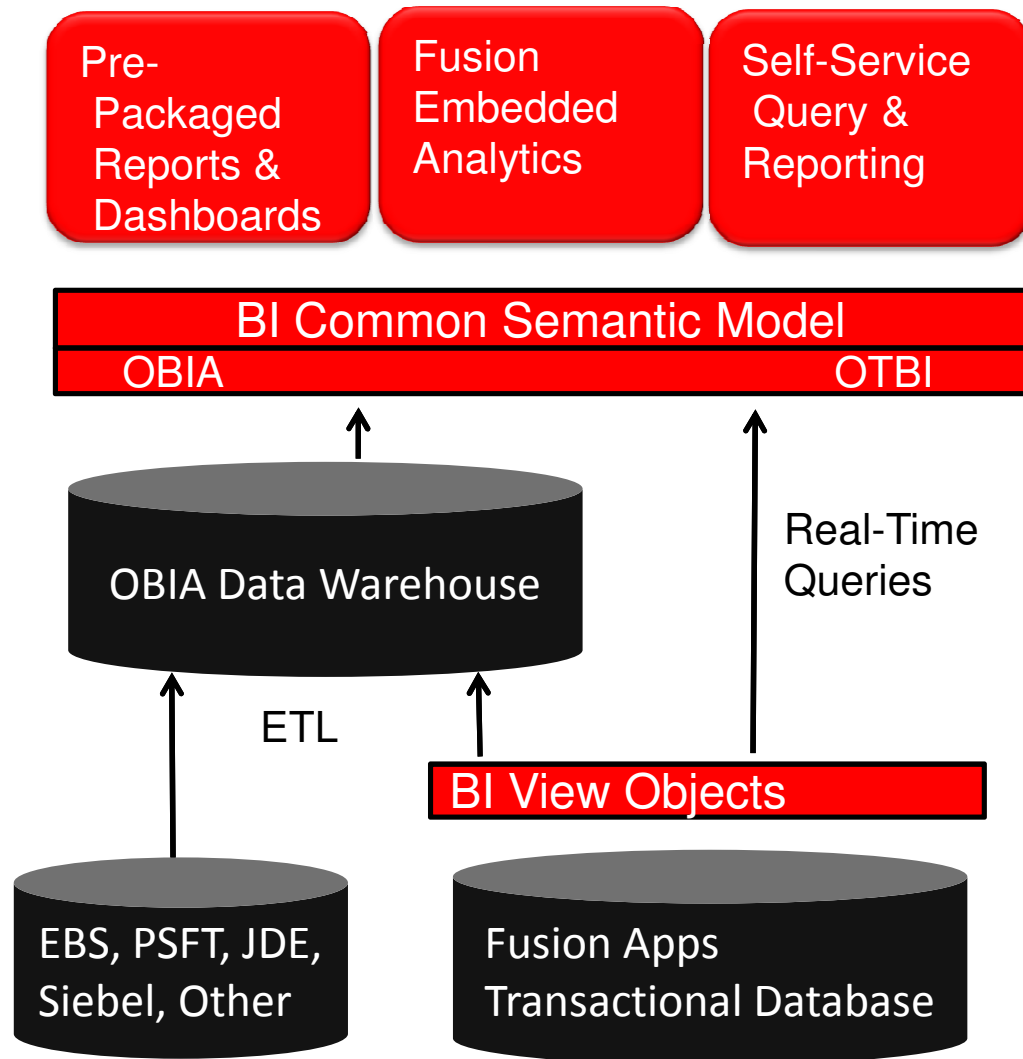
- Unlimited historical analysis - trending and cross-domain
- Pre-packaged DW, ETL, metrics, and interactive dashboards
- Now for EBS, PSFT, JD Edwards, Siebel. Extending to Fusion Applications
- Built on Oracle BI EE technology

Specialized Analytics

- Financial statements, sales territory planning, project performance, and more built on Essbase technology
- Whitespace analysis built on Real-Time Decisions and Oracle Data Mining technologies



Fusion BI Architecture



Content Summary:

- 150+ embedded analytics
- OBIA: 3,000+ reports, 4,000+ metrics
- OTBI: Covers 35+ Fusion Products

BI Common Semantic Model:

- Supports highly aggregated trending and real-time transaction listings from a single query model

BI View Objects:

- Are single source of truth for BI
- Represent facts and dimensions
- Implement Apps data security

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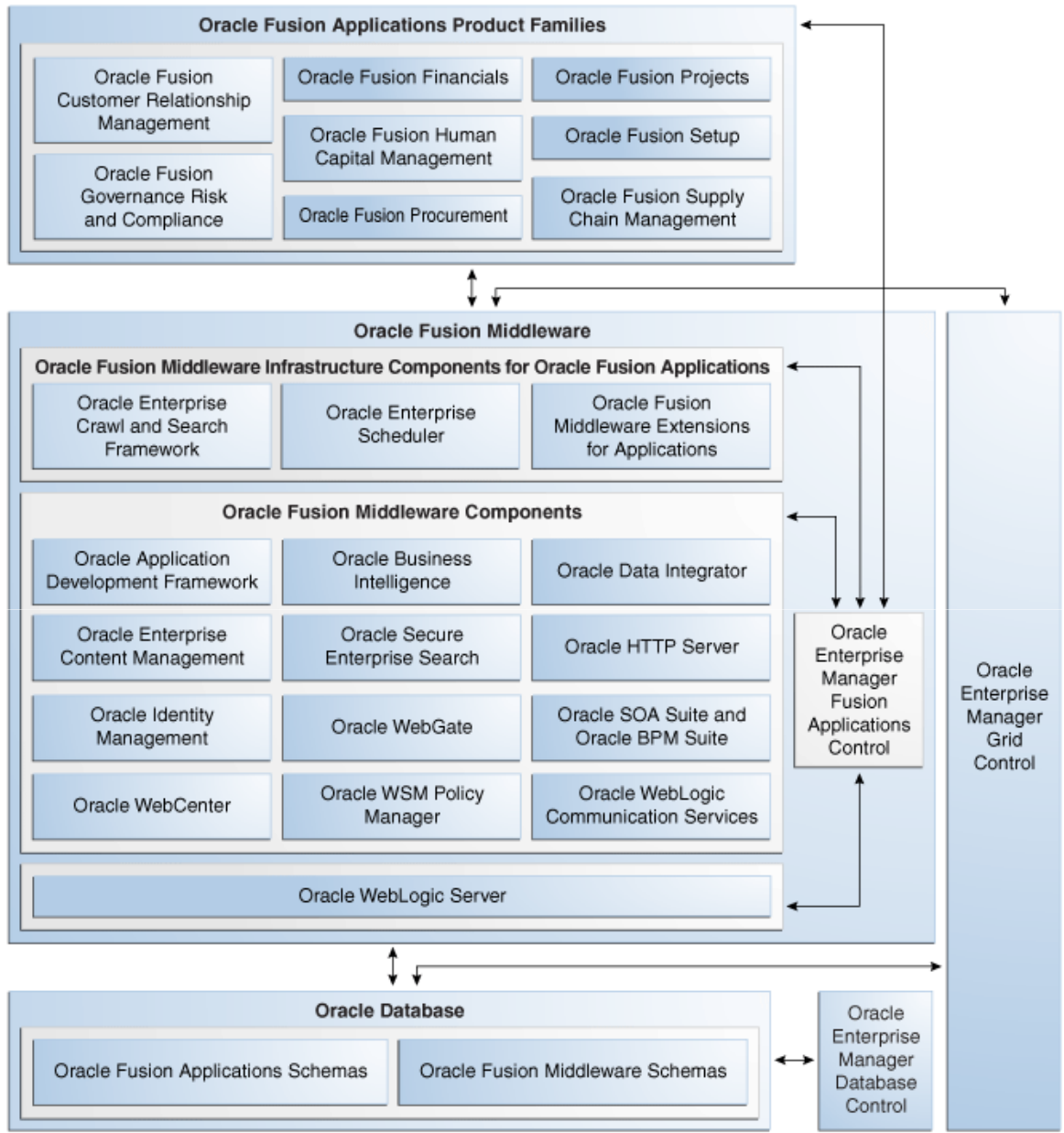
Database



Deployment

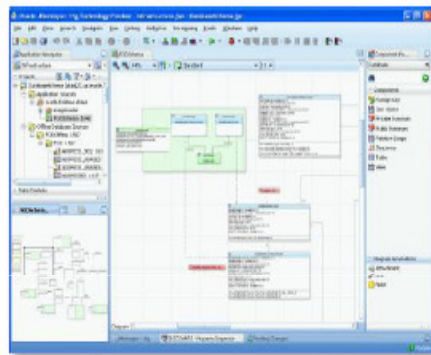


Questions

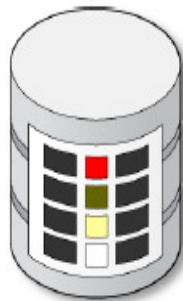


Data Model Design

Unified and Integrated Data Model



Visual Schema Designer



Industry & Locale Specialization

Application Seed Data

Application Metadata

Reporting & Analytic Views

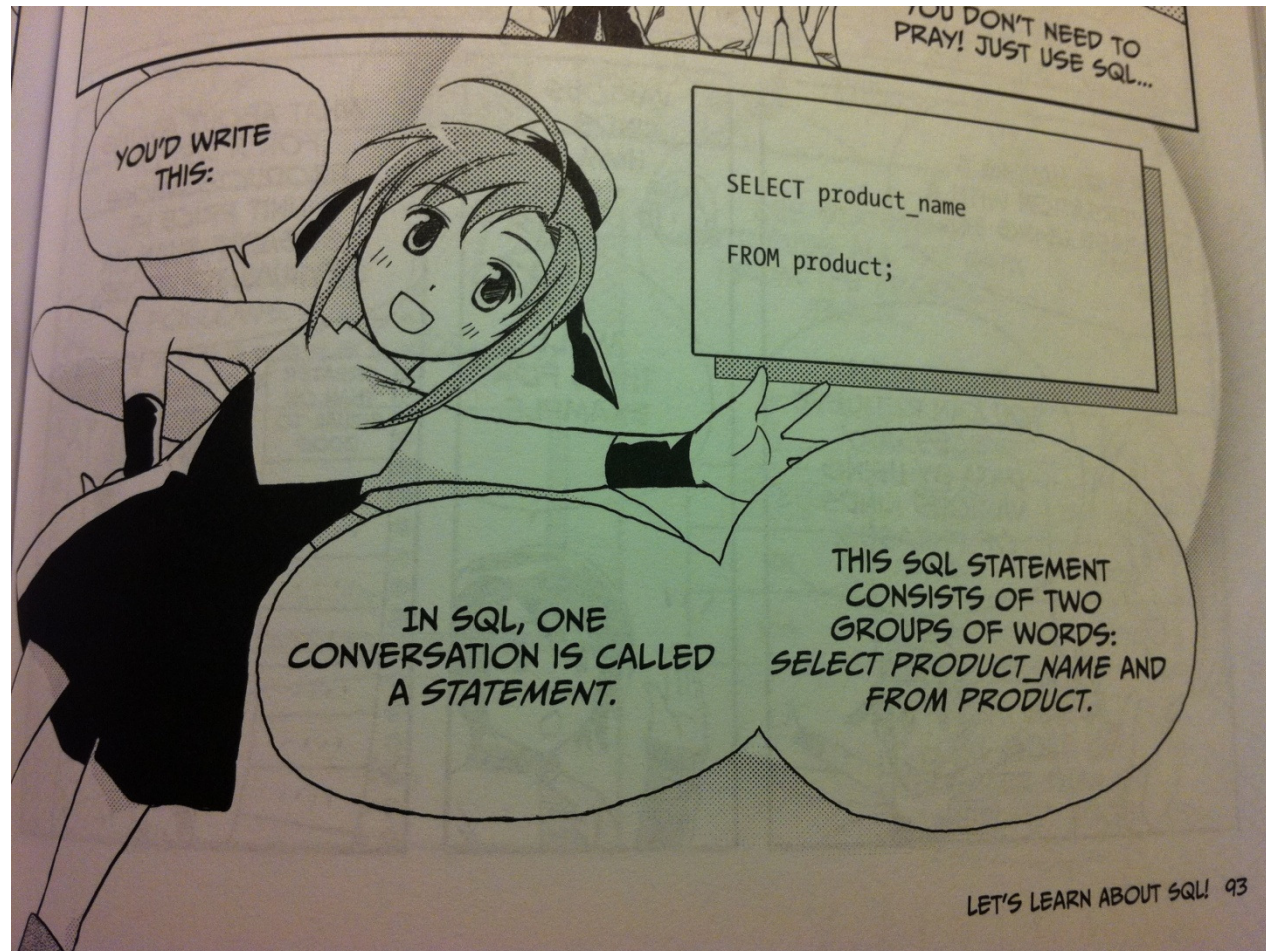
Transactional Tables

- Unified superset data model
- Unifies the best from: PeopleSoft, Siebel, E-Business Suite, JD Edwards
- Flexible Hierarchy Modeling - Tree
- Logical Data Striping - SetID
- Flexible Data Model – FlexFields
- Strong date effectively model
- Seed data: customizable by industry, locale..
- Built using JDeveloper and we store the data model in Metadata

The Database

- Just Two unless.....
 - You install in stages
 - You Use in Co-existence model
- BI Data warehouse
- Fusion Apps Transactional Database

There is still SQL, some batch loads



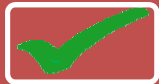
The Magic Ingredient

- Meta Data Store – MDS
 - BPEL information
 - Where am I, what next, rules
 - Personalization Information
 - Regions, layout, content

Fusion Apps Transactional Database

- The data schema
 - Very similar to R12 for EBS,
 - Very similar to Siebel for CRM
 - OTBI object views (not so similar as DBI)
- Essbase
 - Dynamic aggregation
 - Avoids Sparsity Issues
- Meta Data Store

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Understanding Co-Existence

Co-Existence Strategy Protects Your Investment

Financial Management	E-Business Suite PeopleSoft JD Edwards Fusion Applications	Hyperion	Fusion GRC	Fusion Accounting Hub			
Procurement		Fusion Shared-Service Procurement					
Project Portfolio Management		Primavera	Fusion Project Portfolio Management				
Human Capital Management		Fusion Talent Management	Fusion Incentive Compensation				
Supply Chain Management		Agile PLM	Transportation Management	Warehouse Management	VCP	Fusion Distributed Order Orchestration	Fusion Product Hub
CRM		Siebel CRM	CRM On Demand	Fusion Sales Planning	Fusion Incentive Compensation	Fusion Customer Hub	

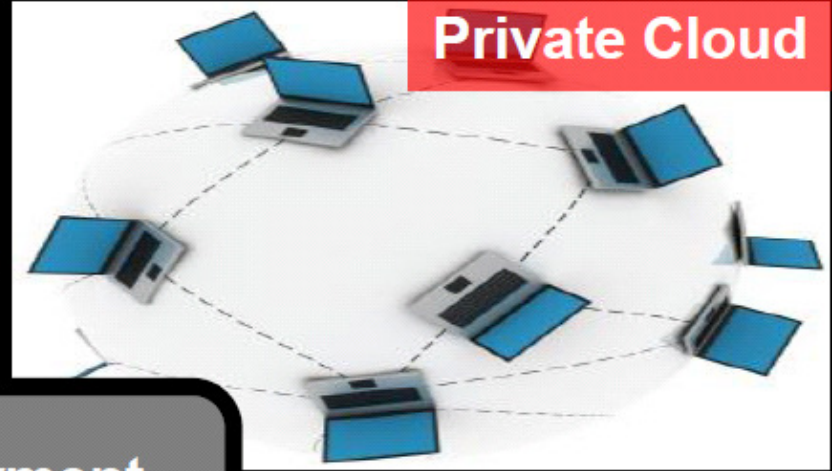
Manageability

- A bit like a baby who can't tell you where it hurts
- OEM
 - but on steroids e.g.
 - Amberpoint for MDS
 - Moniforce for BPEL

Public Cloud



Private Cloud



Deployment Options

On Premise

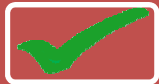


Hybrid



ORACLE

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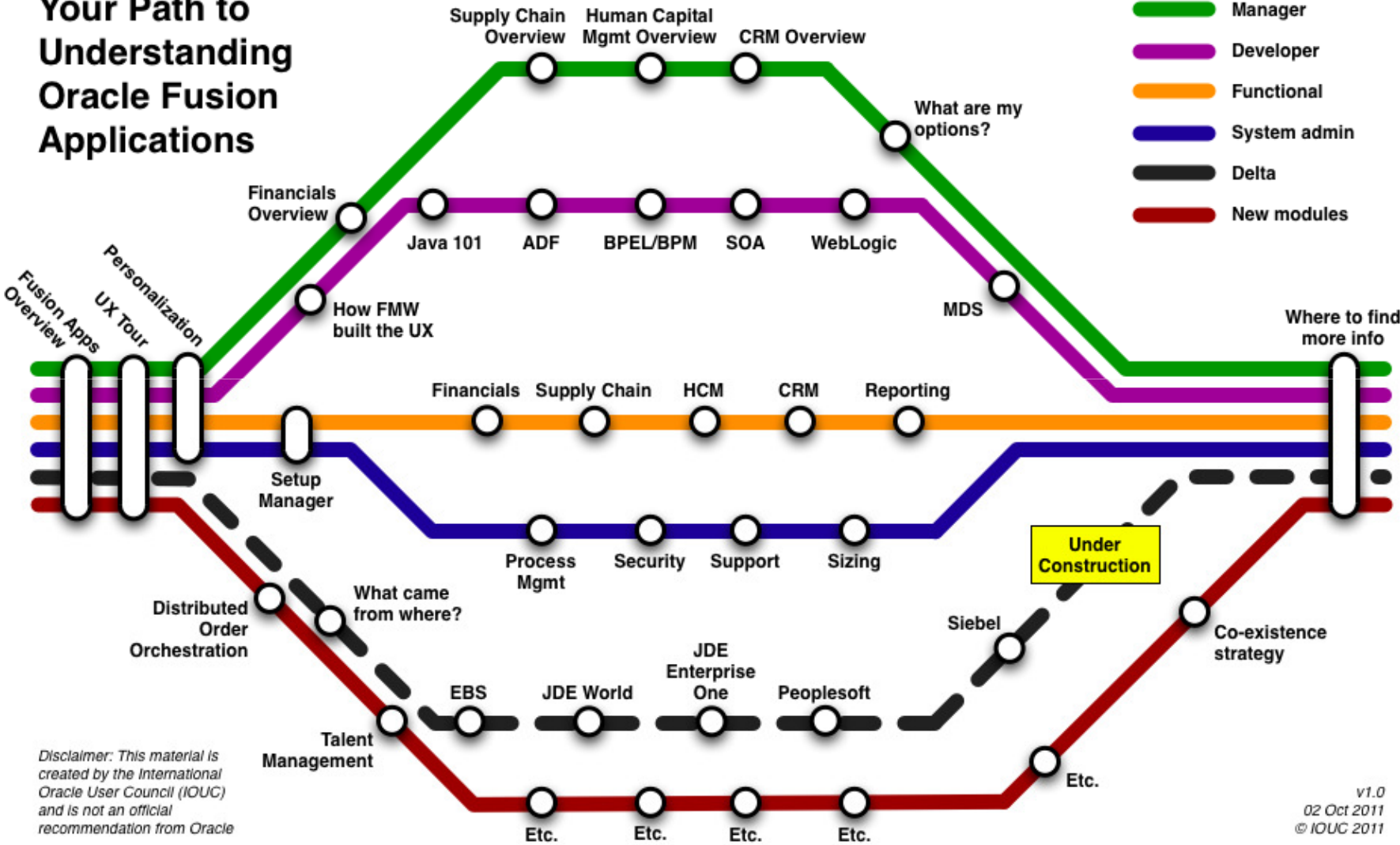
Deployment



Questions

Our Map

Your Path to Understanding Oracle Fusion Applications



Disclaimer: This material is created by the International Oracle User Council (IOUC) and is not an official recommendation from Oracle

v1.0
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Under Construction

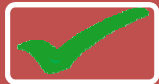
- We are not complete
- Lots of information not publically available till after OOW
- Aiming to be in next 2 months

Register for Interest or to
comment

<http://tinyurl.com/fusionapps>



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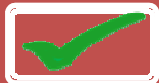
Reporting / BI



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