Oracle Portal

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Today's Discussion

- **ORACLE FUSION**
- **ORACLE Portal**
- **Case Study**
  - Project overview
  - Live Demo
- **Q&A**

What is ORACLE FUSION

- **Mostly a new marketing buzzword that refers to several related Oracle products**
- **Middleware**
  - **a portfolio of leading, standards-based, and customer-proven software products that spans a range of tools and services including J2EE and developer tools, integration services, business intelligence, collaboration, and content management.**

It is a Framework that allows for Rapid Application Development and Integration

Components of Oracle Fusion

- **Application Server (all editions)**
- **Identity Management**
- **Business Integration**
- **Oracle Fusion Middleware for PeopleSoft**
- **Business Intelligence**
- **Portal**
- **Content and Collaboration**
- **Service Delivery Platform**
- **Data Hubs**
- **SOA Suite**
- **Developer Tools**
- **Web Services Manager**

Oracle Portal

- **Enterprise Class Content Management AND Data Delivery**
- **User Focused**
  - **Users and Groups**
- **Developer Friendly**
- **Secure**
- **Standards Based**
  - **J2EE & JSR-168**

Brain Break 1: Deep Thoughts

A good way to threaten somebody is to light a stick of dynamite. Then you call the guy and hold the burning fuse up to the phone.

"Hear that?" you say.

"That's dynamite, baby."

Case Study

The South Florida Water Management District

SFWMD

The South Florida Water Management District (SFWMD) is a regional agency of the state of Florida, and is charged with managing and protecting water resources of the region by balancing and improving water quality, flood control, natural systems and water supply. SFWMD's boundaries extend from central Florida to Lake Okeechobee, and from coast to coast, from Fort Myers to Fort Pierce, south through the sprawling Everglades to the Florida Keys and Florida Bay.

SFWMD Project Challenges

- **20 plus independent Departments that have both internal and external web presence**
- **2000 plus internal users plus external business partners**
- **Inconsistent Look and Feel**
- **No Application Integration**
- **No Common User and Group management**
- **No Content Management**

SFWMD with Portal

- **Common Look and Feel**
- **Content Management**
- **Common Application deployment framework**
- **Rapid Application Development (RAD)**
  - **8 fairly involved applications**
  - **Migration of volumes of disparate content to Portal within**
- **Identity Management**
  - **OID Integration with Existing MS A/D**

SFWMD with Portal

- **Business Process Improvement**
  - **Web Apps**
    - Gov Board Agenda and Minutes Tool
      - Saved 200 plus hours/mo
      - All Records now stored in Oracle
    - Plans and Specs Tool
      - Homeland Security Driven
      - Document Management
    - EOC Emergency Briefing Tool

Summary of Portal at SFWMD

BEFORE

- Web development all over the map requiring many servers running different environments to support web-apps
  - .Net, PL/SQL, PHP, JSP, HTML, etc.
- Content Look and Feel completely out of control
- Web Services group central to all content management

AFTER

- Reduction of Maint. cost via single environment that supports ALL web-based content & apps
- Common Re-usable Templates bring consistent look and feel while reducing time to deploy new content
- Content Management pushed to User Community

Summary of Portal at SFWMD

BEFORE

- **Little Security – controlled mainly by Firewall**
- **Multiple IDs and passwords – more each time a new application was deployed**

AFTER

- **Security and Identity Management through OID**
- **Create and manage User roles and permission via Groups maintained in OID**

Summary of Portal at SFWMD

BEFORE

- **Application Development was not able to build on existing security, templates, work flow, user groups, etc. Time to develop web-apps was too long, and the resulting Apps consisted of much redundant code**

AFTER

- **Rapid Application Development that builds on common features within Portal, OID, and the Application Server**
  - **Upgrading and maintenance is only required to a single environment**

Brain Break 2: Dilbert

Marketing Genius

What's Next

- **Windows Native Authentication**

- **Integration with SAP R/3**
  - **HR and Financial data**

Take a Peek

- **SSO via OID/MS AD Integration**
- **Content Management**
- **Portal Based Applications**

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