



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

The screenshot shows the homepage of the South Florida Water Management District (SFWMD) website. At the top, a black banner contains the text "SOUTH FLORIDA WATER MANAGEMENT DISTRICT" in white. Below this is a blue header with the "sfwmd.gov" logo on the left and navigation links "Search | Site Map | Help | Who to Contact | Español" on the right. The main banner features a blue-tinted image of water ripples on the left and a photograph of two young children on the right. The text "Managing & Protecting Our Region's Water Resources" is centered over the banner. On the left side, there is a vertical navigation menu with the following items: Home, About SFWMD, Governing Board, News, Events & Meetings, What We Do, Procurement & Contracts, Career Opportunities, and Recreation, Info & Education. The main content area on the right begins with a "Welcome!" heading, followed by a paragraph describing the SFWMD as a regional agency of the state of Florida responsible for managing and protecting water resources. To the right of the text is a photograph of a brown heron with a yellow eye, and a mouse cursor is visible over the top right corner of this image.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

sfwmd.gov

Search | Site Map | Help | Who to Contact | Español

*Managing & Protecting
Our Region's Water Resources*

- Home
- About SFWMD
- Governing Board
- News, Events & Meetings
- What We Do
- Procurement & Contracts
- Career Opportunities
- Recreation, Info & Education

Welcome!

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

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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, OJD, and the Application Server
 - Upgrading and maintenance is only required to a single environment

Brain Break 2: Dilbert

Marketing Genius



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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**

The logo for the Suncoast Oracle Users' Group is displayed on a white rounded rectangle. It features the word "SUNCOAST" in blue, "ORACLE" in white on a red rectangular background, and "USERS' GROUP" in blue. A large, stylized yellow "C" shape is positioned behind the text.

SUNCOAST
ORACLE
USERS' GROUP

Monthly
4th Thursday
6pm – 8pm

IBM Center
Rocky Point

WWW.SOUUG.NET