Enrich your Portal with Enterprise 2.0 Services

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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.
Agenda

- Oracle Fusion Middleware
- Oracle Portal’s Evolution
- Product Roadmap
- Oracle Portal 11g New Features
- Oracle Portal Demonstration
- Q & A
Oracle Portal Overview & Key Features
Product Roadmap

- Strategic Products
- Continue & Converge
- Maintenance
Strategic Products
- BEA products being adopted immediately into Oracle Fusion Middleware with limited redesign
- No corresponding Oracle products exist in majority of cases
- Corresponding Oracle products converge with BEA products with rapid integration over 12-18 months

Continue & Converge Products
- BEA products being incrementally redesigned to integrate with Oracle Fusion Middleware
- Gradual integration with existing Oracle Fusion Middleware technology to broaden features with automated upgrades
- Continued development & maintenance for at least 9 years

Maintenance Products
- BEA had EOL’d due to limited adoption prior to Oracle M&A (EOL: End-of-Life)
- Continued maintenance with appropriate fixes for 5 years
Portals & UI Roadmap

Oracle Portal Direction

Today

- #1 Enterprise Portal Provider (IDC ‘08)
- Complete portfolio for enterprise social, portal, and composite applications
- Extensive customer adoption
- Existing best practices

CY ‘09

- Increased standards support: WSRP 2.0, JSR 301, JSR 170
- Consume personal and social services via WebCenter Services including: Discussions, Wiki, Search, Presence, Instant Messaging, Email, and Document Library
- Improved portal lifecycle when moving from test to production
- Platform convergence to WebLogic Server
- Simplified security management & increased content security
Oracle Portal 11g New Features
New Features in Oracle Portal 11g

Consume new Oracle WebCenter Web 2.0 Services, decoupling portal services from the portal framework
- Includes Discussions, Wikis, Search, Presence, Instant Messaging, Email, and Document Library.
- Provides WebCenter Services Portlet Producer out of the box
- Available as a part of Oracle WebCenter Services
Web2.0 Information Types

- Documents
- Pages / mashups
- Wikis/blogs
- Reports
- Emails
- Discussions
- Messages
- Conference recordings
- RSS feeds
- …
WebCenter Web 2.0 Services

Communities, Discussions, Tasks, Wikis, Blogs, Tags, Links, RSS,…

- ADF Taskflows
- Portlets
- WebCenter UI
- Mashup

View

Controller

Model

- Data Control (JSR227)
- Apps/WSRP Portlet Integration
- Content Integration
- Wikis/Blogs/RSS
- Analytics
- Worklist/Tasks/Lists
- Tags/Links
- Events/Calendar
- Polls / Surveys
- OmniPortlet / WebClipping

Pluggable Providers

- Stellent UCM
- Integrated Wiki
- Integrated Communities
- BPEL
- Integrated Tasks

Lotus, software
Discussions Service

Oracle WebCenter Discussions

- Jive Software’s Jive Forums 5.1.0 Silver Edition
- Mature Java EE-based enterprise discussions application
  - Simple and powerful discussions interface
  - Web-based administration
  - Enterprise architecture
- With over 1,300 customers, powers many online communities
- JSR 168 portlet makes the Jive functionality available on Oracle Portal pages
## Web 2.0 Service: Discussion Forums

**Forum: Issues & Questions**

Discussion forum where you can post issues and questions related to the usage of WebCenter applications.

### Forum: Issues & Questions Table

<table>
<thead>
<tr>
<th>Topic</th>
<th>Last Reply</th>
<th>Number of Replies</th>
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<tr>
<td>Composer Search Results UI has issues</td>
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<td>Doc Lib Full Text Search not working</td>
<td>9/16/08 11:27 PM</td>
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<td>Javascript error in Create Topic dialog</td>
<td>9/15/08 10:41 PM</td>
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<td>Doc Lib sends server error page on second document upload</td>
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<tr>
<td>Table column resicing not working properly on My GS page</td>
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<tr>
<td>Bizarre error creating a Quick Project GroupSpace, reproducible</td>
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<tr>
<td>Create two topics in a row, Message body does not reset</td>
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<tr>
<td>Disable home page for GS, still appears first time refreshes, disappears after</td>
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<td>Task mandates end date if I specify a non-default start date – inconsistency in UI</td>
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<td>Wiki syntax - what is it?</td>
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**Oracle**
Web 2.0 Service: Discussion Forums
Wiki Service
Oracle WebCenter Wiki

- Implementation of yawiki, “Yet Another Wiki”
  - Project on SourceForge.net
  - Accessible under BSD license
- Supports collaborative authoring of Web content
- Can be deployed to any standard Java EE container
- Integration options:
  - Web service / Web service data control
  - JSR 168 portlets
Search Service

Secure Enterprise Search

- Ability to search and locate public, private, and shared content across different sources
- Highly secured crawling, indexing, and searching
- Simple, intuitive search interface leading to an excellent user experience
- Analytics on search results and understanding of usage patterns
- Sub-second query performance
- WebCenter integration points:
  - Secure Enterprise Search Web service
  - Web service data control
Search Results: "OW"
Presence and Chat Service

Oracle Presence

- Enterprise market packaging of OCMS
  - SIP-based Proxy/Registrar (voice, video, IM)
  - Presence server
  - SIP phone/IM client
  - Presence Web services
  - OID module
- Voice option
  - Service Creation Environment
  - Support for custom server-side SIP services such as click 2 call, presence-enabled routing, etc.
Content Service
Oracle Universal Content Management

- Access and manage unstructured content
  - Anytime, anywhere, in any format
- Share content across the enterprise
  - Make it easy to find in the right format, at the right time
- Manage content through its entire lifecycle
  - Apply control, support through the content lifecycle
- Build and enable solution with unstructured content
  - Leverage content in applications, solutions that you build
## Web 2.0 Service: Document Library

![Image of Oracle WebCenter PM interface](image-url)

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**ORACLE**
Integrating WebCenter Services in Oracle Portal 11g

- JSR 168/WSRP 2.0-compliant
- Surfaced using JSF-Portlet Bridge (JSR 301)
New Features in Oracle Portal 11g

Extend support of open industry standards

• WSRP 2.0 support:
  Oracle Portal 11g will support WSRP 2.0, including rich Ajax-enabled portlets built with ADF rich client technology

• JSR 301 support
New Features in Oracle Portal 11g

- Eliminate boundaries between portlet and application development
- Integrate content:
  - Expose content from third-party document management systems
  - Build portlets in JDeveloper that utilize JCR 1.0 adapters to connect to content management systems
    - Available adapters include Oracle UCM, Content DB, third-party content management JCR adapters, and file system
  - Available with Oracle WebCenter Suite
New Features in Oracle Portal 11g

- Enhancedportlet bridge for JavaServer Faces (JSR 301):
  - Build new portlets with JSF
  - Turn JSF pages and taskflows into standards-based portlets
  - Bring existing JSF applications into Oracle Portal 11g

- Oracle is the specification lead on the JSR 301 initiative, which defines the standard for the bridge being released in Portal 11g

- The Portlet Bridge is currently available with Oracle WebCenter Suite
New Features in Oracle Portal 11g

- **Extend core Portal functionality**
  - OmniPortlet enhancements
  - BPEL-based process content routing and approval
  - Support for new HTML Document Type declarations (Doctypes):
    In addition to HTML 4.01 Transitional, three new doctypes:
    - HTML 4.01 Strict
    - XHTML 1.0 Transitional
    - XHTML 1.0 Strict
New Features in Oracle Portal 11g

- **Streamline management and administration**
  - In Oracle Enterprise Manager Release 11, view performance metrics for portal pages, portlets, and providers in real time
  - Improved life cycle support (export/import):
    - Support for new use cases and improved reliability
    - Export/Import UI enhanced—*minimal* manual intervention
    - Robust transition from Test to Production systems

- **Simplify and extend security**
  - Integration with Oracle Application Server 11g Identity Management and Security
New Features in Oracle Portal 11g

- Provide deeper integration with Oracle Fusion Middleware
  - Out-of-the-box integration with Oracle Portal for
    - Secure Enterprise Search
    - BPEL
    - Oracle BI EE
    - Hyperion System 9 BPM
  - Improved access to Oracle Portal managed content
    - JCR-based (JSR-170) adapter allows portal developers to integrate content stored and managed within the Portal Repository in a custom Java EE application
BPEL

- Expose back-end business processes in Portal using
  - BPEL Worklist portlet
  - BPEL sample portlets

**Worklist Portlet**
- Profile based – assignee, supervisor, group owner, process owner
- Auto-generated JSP forms
- Integration with ADF
- Comments and attachments
- Available as portlets
- Completely customizable
New Features in Oracle Portal 11g

Provide deeper integration with Oracle Applications

- Oracle Applications can expose pages based on Oracle Applications Framework as portlets within Oracle Portal
- Oracle Portal Release 11 can consume portlets from PeopleSoft applications
- Portlets from specific releases of Oracle E-Business Suite will be certified with Oracle Portal Release 11
Leveraging WebCenter and Oracle Portal Investments

- Oracle Portal 11g
- Federated Portal Adapter
- Portal JCR Adapter
- ID Management
- Portlets
- JSF Portlet Bridge
- WSRP Producer
- JPDK Provider
- Oracle WebCenter Framework
- Oracle WebCenter Services
Oracle Portal Demonstration

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