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FUSION MIDDLEWARE 11g
WEBCENTER

ORACLE WEBCENTER SERVICES

MOST COMPLETE, STANDARDS-
BASED SET OF ENTERPRISE 2.0
SERVICES

KEY FEATURES

• Enterprise 2.0 services include Wikis,
Blogs, Wikis, Tags, Links, RSS, Activity
Stream, People Connections, Activity
Graph, Instant Messaging and
Presence, Discussions,
Announcements, Mail, Search,
Worklists, Lists, Polls, Calendar and
Ratings.

• Easily blend Web resources via mash-
ups into any existing application.

• Gather and analyze business metrics on
page, portlet and content usage.

• Out-of-the-box Enterprise 2.0 Portlet
Producer to expose all Services as
standards based Portlets for easy
consumption in any Portal

KEY BENEFITS

• Extend the value of your existing
enterprise portal.

• Maximize productivity by creating a
context-rich enterprise portal with
Enterprise 2.0 services.

• Seamlessly blend Enterprise 2.0
services, analytics and mashups into
your existing portal deployment.

• Enhance information worker productivity

• Modernize your existing portal
investment

Oracle WebCenter Services provides a comprehensive set of standards-based social computing components that enrich and modernize existing portals and websites. These social computing services include wikis, blogs, instant messaging and presence, activity streams and graphs, content collaboration and more. Oracle WebCenter Services enables organizations to enhance their existing enterprise portals and websites, and empower users with Enterprise 2.0 services that work with their existing IT investments

Modernize Enterprise Portals and Websites with Enterprise 2.0

In today's dynamic economic environment, organizations are focused on extracting additional value out of their existing information technology infrastructure. One way to modernize an existing portal, website or application is to inject it rich Enterprise 2.0, content and community-based services. As a result, organizations can get more value out of their enterprise portal deployments, better react to ever-changing market conditions and deliver a context-rich, modern user experience that meets and exceeds your users' requirements for ease-of-use and responsiveness.

Out-of-the-Box Social Computing Services

Enterprise 2.0 technologies have changed the Internet landscape by empowering individuals and enabling communities across the globe. The challenge for enterprises is to weave these Enterprise 2.0 technologies into the fabric of their users' existing work environments. Oracle WebCenter Services contains a complete set of standards-based, componentized, enterprise-ready social computing services such as wikis, blogs, RSS, recent activities, discussion forums, tags, and links that are designed to be embedded directly into existing portals to enhance the value and create a more relevant context for your end-users. The Enterprise 2.0 services available to increase employee productivity and foster social computing include:

• **Wikis** and **blogs** enable community authoring of documents and sharing of ideas and also allow for the gathering of feedback and comments on those ideas.

• **Tags** and **links** allow users to easily mark, connect and share information with others.

• **RSS feeds** are available to track new or changed information related to discussion forums, processes or activities in an Oracle WebCenter environment.

• **Discussion forums** enable sharing of group knowledge and easy creation of communities around specific topics.

• **Announcements** allow you to manage and publish important news to your user base.

• **Instant Messaging** and **Presence** enable real-time awareness and communication with available users in the context of a business task.

• **People Connections** and **Activity Streams** enable users to quickly assemble and visualize their social business networks and track user activities.

• **Activity Graphs** tracks all user activities in real-time and gathers intelligence about these

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users, their connections and the way they use information to make educated recommendations and provide on the spot information discovery.

- **Email** service enables users to perform basic email interactions, such as view, read, create, and delete messages, send attachments, and reply to or forward an existing email.

- **Calendar** service enables users to view calendars, schedule meetings and appointments.

- **Search** is pre-integrated with Oracle Secure Enterprise Search (SES) and all services provide crawlers for SES. The search results are presented in one single, aggregated view and the weighting of search results can be also combined with the Activity Graph service to provide more educated and precise results.

- **Lists** provide a way to manage list data directly on the web as well as export and import it from and to Microsoft Excel.

- **Oracle WebCenter Analytics** provides comprehensive reporting metrics on activity and content usage within portals or composite applications.

Build and Integrate Standards-Based, Context-Rich Portlets into your Portal

If the pre-built services do not meet business requirements, developers can directly customize pre-built task flows to match their requirements. These customizations are created inside JDeveloper and provide developers with a productive and fast way to deliver their required functionality. Developers can also use the pre-built data controls, and bind their own user interface to meet the requirements, without having to build the back-end integration

Oracle WebCenter Framework is the development environment in which you can easily build and integrated Oracle WebCenter Services into any application or portal. Oracle WebCenter Framework is a robust standards-based portlet development environment that enables you to rapidly build and deploy Java Specification Request (JSR) 168 or 286 portlets, Web Services for Remote Portlets (WSRP) 1.0 and 2.0 portlet producers and includes a JSF Portlet Bridge that allows easy conversion of any Java Server Faces (JSF) application or ADF Taskflow into a JSR 168 and 286 portlet. Oracle JDeveloper is the primary Development environment that provides many wizards and tools to speed up portlet development and deployment. Additional standards-based components in Oracle WebCenter Services include:

- **REST API Support**: All WebCenter Services are exposed via REST based APIs for custom component development and integration into any development framework.

- The **Document Library** surfaces content that is stored in Universal Content Management (UCM) and third party repositories such as Microsoft SharePoint and allows you to manage it directly from there ,including upload of new documents, interacting with content workflows as well as management of security.

- The **Content Presenter** is a content publishing component that exposes content from UCM and Web Content Management (WCM) in many different ways and allows in-place editing and authoring of web content directly from within content presenter.

- **Oracle WebCenter Personalization Server** allows you to execute scenarios with business logic that can access WebCenter metadata and user profile information to show dynamically personalized content to the end-user.

Oracle WebCenter Services also comes with an out-of-the-box Portlet Producer that can be deployed and exposes all available Oracle WebCenter Services user interfaces as standards-based Portlets via WSRP 2.0. This makes it easy to instantly integrate all Oracle WebCenter Services into your portals or applications.

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Oracle WebCenter Services works with all Oracle portal offerings and enables organizations to enrich their current portals and Web sites and empower their end users with Enterprise 2.0 services that work with existing information systems.

RELATED PRODUCTS

Oracle WebCenter Services works with the following Oracle products:

- Oracle WebCenter Suite
- Oracle WebLogic Portal
- Oracle WebCenter Interaction (formerly BEA ALUI)
- Oracle Portal
- Oracle Universal Content Management
- Oracle Web Content Management
- Oracle Applications

Enhance Portals & Websites with Social Computing Services

Oracle WebCenter Services provide a comprehensive set of Enterprise 2.0 capabilities ranging from social communication and team collaboration services to content and community services that enable companies to enhance their existing portal investments. Oracle WebCenter Services enable you to inject standards-based, Enterprise 2.0 services and other valuable content, applications and communications capabilities directly into any standards-based enterprise portal or website to empower business users to make changes at runtime, as business needs change.

Integrate and Interoperate with Oracle and Beyond

Oracle WebCenter Services comes with a variety of adapters and pre-certified interoperability with content management repositories, complex human workflows and multiple device access. Content is easily integrated and published using the Java Content Repository (JCR) / JSR 170 standard. Adapters are available for Oracle Universal Content Management and third-party systems, such as Microsoft SharePoint. Oracle BPEL Worklist service enables you to integrate complex workflow tasks into your application and expose them in a portlet. For email and calendar integration, Oracle WebCenter Services provide adapters to systems like Microsoft Exchange. The same is true for Instant Messaging and Presence where adapters to Microsoft Office Communication Server are provided.

Increase Productivity and Agility with More Effective Applications

The integration of Enterprise 2.0 technologies into existing business processes can deliver high value to your existing portal investments and websites and enrich user interaction. Oracle WebCenter Services extends the value of your existing portals and websites with Enterprise 2.0 services that make users more productive and sites more manageable and effective. Oracle WebCenter Services is available stand-alone, or as a component of Oracle WebCenter Suite.

Oracle WebCenter Suite is the modern user experience platform for the enterprise and the web. It consolidates the best user experience capabilities from a significant portfolio of leading portal products and related technologies to deliver a modern user experience for the enterprise that is seamlessly integrated with your enterprise applications.

Contact Us

For more information about Oracle WebCenter Services, visit oracle.com/webcenter or call +1.800.ORACLE1 to speak to an Oracle representative.

Oracle is committed to developing practices and products that help protect the environment

Hardware and Software, Engineered to Work Together

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