ORACLE WEBLOGIC PORTAL

KEY FEATURES

UNIFIED PORTAL
FRAMEWORK FEATURES

- Web 2.0 rich interactive user interface
- Industrial strength foundation
- Flexible deployment architecture for IT efficiency
- Unified security and single sign-on
- Ability to federate portlets, pages, and books
- Portlet publishing that extends portal services to Web applications

PORTAL LIFECYCLE
MANAGEMENT FEATURES

- Unified Eclipse-based application development environment
- Portal templates, shared libraries, and facets that integrate development teams and developer skill sets
- Portal assembly tools for quickly building portals
- Portal propagation to simplify portal change management
- Direct upgrade from version 8.1 or later
- Admin tools framework to extend and reuse portal admin interfaces

PORTAL BUSINESS
SERVICES FEATURES

- Virtual content repository simplifies access to multiple source content systems
- Content presenter portlets simplify content deployment
- Search improves information visibility
- Collaboration facilitates organizational communication
- Interaction management enables campaigns and implicit and explicit personalization

Oracle WebLogic Portal connects people to business services through custom, service-oriented portals that deliver Web 2.0 interactive richness and application agility while simplifying portal development and maintenance. With Oracle WebLogic Portal, you can streamline information access to improve productivity and response time while meeting end-user expectations for rich, responsive solutions. These solutions deliver Web 2.0 business value and maximize IT efficiency and software reusability.

Adaptable, Simplified, and Service Enabled

Oracle WebLogic Portal simplifies, personalizes, and lowers the cost of customer, partner, and employee access to information, applications, and business processes. Through a unified portal framework, simplified portal lifecycle management, modular portal business services, and portal extensions, customers can develop, deploy, and manage all kinds of enterprise applications on a robust architecture.
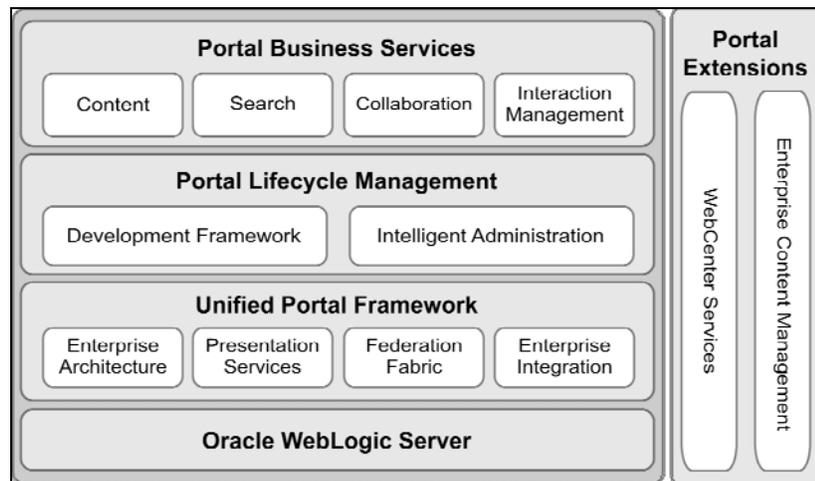

Figure 1: Oracle WebLogic Portal functional architecture

Rich, Responsive, Quickly Built Applications

Oracle WebLogic Portal embraces Web 2.0 user interface richness, responsiveness, and simplified application building. By leveraging dynamic interface scripting and Representational State Transfer frameworks, Oracle WebLogic Portal provides client-side JavaScript and a simplified architecture for handling events, making asynchronous portlet updates, accessing portal context objects, and interacting with resources at a given URL.

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With support for mash-ups, portlet publishing, and portlet federation, Oracle WebLogic Portal enables users to rapidly create and share applications across both portals and Web applications. This simple, lightweight technology makes the combination of services easier to use and faster to deploy than ever, enabling new solutions to challenges not easily addressed before.

Unified Portal Framework—A Rock-Solid Foundation

Oracle WebLogic Portal provides a flexible, scalable, and manageable foundation that delivers rock-solid dependability. It is a solution that works whether the enterprise's operations require a department portal, a distributed network of portals, or a single portal that is the face of the company to the world.

- **Standards-based portal federation**. Enables a fabric of distributed enterprise portal services across portals and Web applications that can be simply combined so the business can respond quicker and deliver optimal user experiences for portal audiences.

- **Enterprise architecture.** Creates an industrial strength foundation to deliver reliable portals that can accommodate growth with linear scalability. The flexible deployment architecture simplifies enterprise portal deployments and maximizes the use of portal infrastructure.

- **Robust portal presentation.** Provides rich and responsive custom portal user experiences for customers, partners, and employees via Web 2.0- and Asynchronous JavaScript and XML (Ajax)–based technology. Portal desktops can be customized for each audience using custom layouts, appearance skins, and personal pages.

- **Enterprise integration.** Provides access to a complete view of customer information residing in distributed systems via a unified user profile, and can combine external datasources with online and Lightweight Directory Access Protocol data. This enables user-specific portal views, supports service lifecycle governance, and ensures that services aggregated in federated portals can be managed, monitored, and provisioned in line with service-level agreements.

Portal Lifecycle Management—Support for All Constituencies

To accelerate portal delivery, Oracle WebLogic Portal offers tools for IT developers, as well as business portal managers. The development environment—Oracle Workshop for WebLogic—is designed for service-oriented architecture (SOA) enablement, blended with open source technologies such as Eclipse and Apache Beehive. Portlet wizards enrich the development process and simplify building portlets that support industry standard technologies such as JavaServer Faces, Spring, Struts, NetUI Page Flow, Java Specification Request 168, and Web Services for Remote Portlets.

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Browser-based tools let portal managers intelligently assemble, configure, and manage enterprise portals. Portal administration tools provide granular control and delegation of administration tasks for custom role-based management. Role-based entitlements allow dynamic visitor access to content and portal resources, decreasing manual administration. In addition, automated portal propagation simplifies the process of migrating portal changes from development to staging to production.
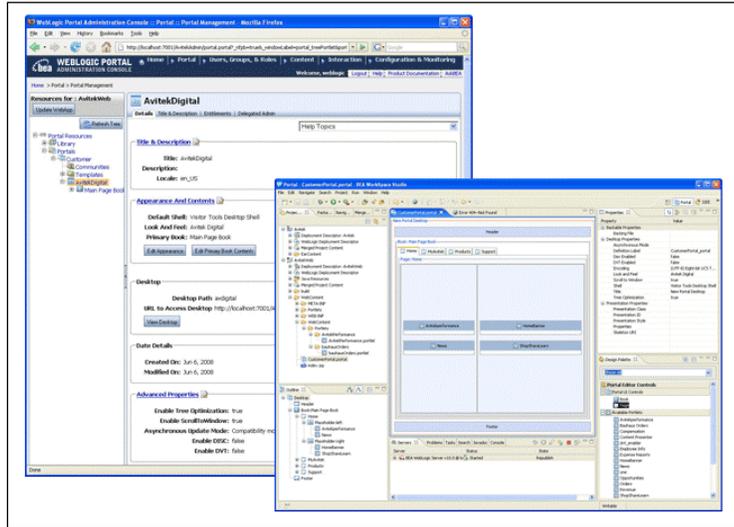

Figure 2: Portal manager and developer tools

Portal Business Services—Portals for Every Audience

The business services of Oracle WebLogic Portal let enterprises incrementally evolve custom portal functionality for their portal audiences. Preintegrated business services also minimize project risk and offer flexibility to meet unique business requirements. Oracle WebLogic Portal business services provide

- **Content management.** Easily add and manage content in multiple repositories.

- **Enterprise search.** Help visitors easily find the information they need.

- **Collaboration services.** Improve organizational interaction and productivity with a community framework foundation for building custom communities.

- **Interaction management.** Improve the visitor experience with customization, rule-based personalization, event and behavior tracking, and a framework to achieve business goals with visitor interactions.

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BENEFITS

- Provide a flexible, scalable, and manageable foundation with a unified portal framework.
- Reduce the time to build, deploy, and manage portals with portal lifecycle management.
- Mitigate risk while enabling a diverse set of custom portal solutions with portal business services.
- Rapidly deliver SOA benefits.
- Improve IT responsiveness to the business with quickly developed portal applications.
- Incrementally transition from Web applications to portal technology.
- Empower more organizational entities with distributed portal management.
- Lower total cost of ownership through a unified portal framework.

RELATED PRODUCTS

- Oracle WebCenter Services
- Oracle Service Bus
- Oracle Business Process Management Suite
- Oracle WebLogic Application Grid
- Oracle WebLogic Server Enterprise Edition
- Oracle WebLogic Suite
- Oracle Workshop for WebLogic

Portal Extensions—Increasing the Value of Portal Solutions

Portal extensions work across all Oracle portal solutions to deliver the value of portals to a greater set of enterprise challenges. Portal extensions include

- **Oracle WebCenter Services.** Empowers users to be more productive with a complete set of Web 2.0 content, portal analytics, collaboration, and communication services.

- **Enterprise content management.** Increase the value of portal content with a unified content management solution that spans the entire spectrum of unstructured content, reduces development and administrations costs, and increases individual and team productivity.

Contact Us

For more information about Oracle WebLogic Portal, please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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