

WHY UPGRADE TO JBoss ENTERPRISE PORTAL PLATFORM 5.1?

Red Hat is announcing the release of JBoss Enterprise Portal Platform 5.1 in December 2010. JBoss Enterprise Portal Platform 5.1 provides numerous benefits for subscribers. In addition to more than 200 feature fixes, JBoss Enterprise Portal Platform 5.1 includes WSRP 2.0, support for site templates and multi-context portals, and migration documentation and tooling for JBoss Enterprise Portal Platform 4.3 users. In addition, a new add-on subscription will be available named JBoss Enterprise Portal Platform Site Publisher (powered by eXo). Site Publisher is an embedded web content management system geared toward enabling end users to create, publish, and manage their own portal-based sites.

SIMPLIFY THE CREATION AND MANAGEMENT OF WEBSITES

JBoss Enterprise Portal Platform 5.1 includes several enhancements to reduce website management complexity. These enhancements include:

- **A new web user interface** that enables users to create, compose, and publish pages using wizards and a new drag-and-drop interface called the Inline Composer. This approach to building pages is a familiar experience to anyone who has used consumer portal websites like My Yahoo or iGoogle and requires no development skills whatsoever.
- **New administrative portlets** that enable administrators to manage portlets, gadgets, users, groups, pages, and websites, thus controlling who has access to what features. Each of these new interfaces give administrators a level of control and delegation of rights not seen in previous versions. For example, an administrator can now create a page that only one group can read and a role so that only a subset of that group can edit that page.
- **Dynamic navigation controls** that make it easier to utilize the relationships between pages. This functionality moves away from the old file-based page architecture and toward a new master page object model. Each page within JBoss Enterprise Portal Platform 5 is now an

object that is stored in a Java Content Repository. That repository can be easily referenced to create dynamic menus, site maps, and breadcrumbs that are automatically updated when pages are added or modified. In previous releases of JBoss Enterprise Portal Platform, this was a manual process that required developer assistance.

- **Web and site management features** that extend the base portal infrastructure to include support for site templates, allowing an easy way to provision sites to end users based upon a common set of site artifacts (pages, portlets, gadgets, menus). With the addition of Site Publisher, these sites can also be highly tailored and content-rich, supporting rich text, media, and other content types.

BETTER ENABLE ENTERPRISES TO DELIVER JBoss ENTERPRISE PORTAL PLATFORM WITHIN THEIR UNIQUE INFRASTRUCTURES

In addition to its many functional enhancements, JBoss Enterprise Portal Platform 5.1 is also equipped to better enable an organization to implement the platform within its unique IT architecture.

Many other portals work to enable a larger “stack” of products or infrastructure dependencies (content tools, collaboration products, databases, etc.) upon an organization. Conversely, JBoss Enterprise Portal Platform enables a variety of architectures and applications based on the existing customer environment; it is also flexible enough to adapt to future needs. To achieve this, JBoss Enterprise Portal Platform 5.1 includes:

- **A broader range of product certifications** - Red Hat has expanded its list of certified and compatible middle-ware configurations, providing customers with a range of infrastructure choices for platforms, Java virtual machines (JVMs), databases, browsers, and security infrastructures. In addition, Red Hat's simple, straightforward subscription model enables customers to easily shift their deployments as business needs change.





- **Extensible security integration** - The new identity manager in JBoss Enterprise Portal Platform 5 gives organizations a better way to integrate and combine user information into the context of a portal application. The identity manager is a powerful new set of integration APIs that enable customers to collect user information from LDAPs, Active Directory, databases, and applications. Customers can also federate these profile sources together when user attributes are stored in different places. JBoss Enterprise Portal Platform 5.1 also includes desktop single sign-on support for Windows and Kerberos users, enabling users to access the portal and any integrated applications after logging in only once.
- **Improved performance and scalability** - JBoss Enterprise Portal Platform 5.1 has been optimized to work better in clustered configurations and has been more extensively tested with large, multi-node clusters. These enhancements result in a significant improvement in user response time and throughput.

EQUIP DEVELOPERS WITH MORE OPTIONS AND TOOLS

Developer productivity has always been a key focus for JBoss Enterprise Middleware. JBoss Enterprise Portal Platform 5.1 is no exception to this, as it includes several developer-centric enhancements, such as:

- **Full support for OpenSocial** - While portal servers have often been used as a delivery mechanism for JCR-based portlets, newer, easier-to-develop web fragments are now available. In addition to a fully JSR 286-compliant portlet container, Red Hat has also embedded the Apache-based OpenSocial container into JBoss Enterprise Portal Platform. This

addition enables developers to easily create, deploy, and host gadgets both inside the portal and outside it in other web-based applications.

- **JBoss Portlet Bridge 2.0** - JBoss Portlet Bridge 2.0 provides full support for creating JSR 286-based JavaServer Faces, JBoss Seam, and RichFaces applications. JBoss Portlet Bridge 2.0 allows Java EE developers to more easily create a portlet using frameworks they are already familiar with and enables them to more easily bring portlets into the portal without much portlet development knowledge.
- **WSRP 2.0** - For organizations looking to extend the footprint of the portal beyond a single installation, JBoss Enterprise Portal Platform now supports WSRP 2.0, delivering rich eventing to remotely stored portlets from a wide range of non-JBoss Enterprise Portal Platform servers.
- **REST and WebDav APIs** - The underlying services and containers have been opened with REST-based APIs (and a WebDav API for the Java Content Repository), allowing developers to leverage the portal's service outside of the portal interface.

These and other features have significantly increased the value that the JBoss Enterprise Portal Platform provides to subscribers. While new user interfaces and controls can sometimes hamper the performance and the flexibility of the portal itself, the JBoss Enterprise Middleware team was committed to extending existing benefits rather than overwriting them. JBoss Enterprise Portal Platform 5.1 will serve as a solid foundation to extend more value to customers looking to easily create and manage all types of websites and web assets.

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