

What can you do with eXo Platform 3.0?

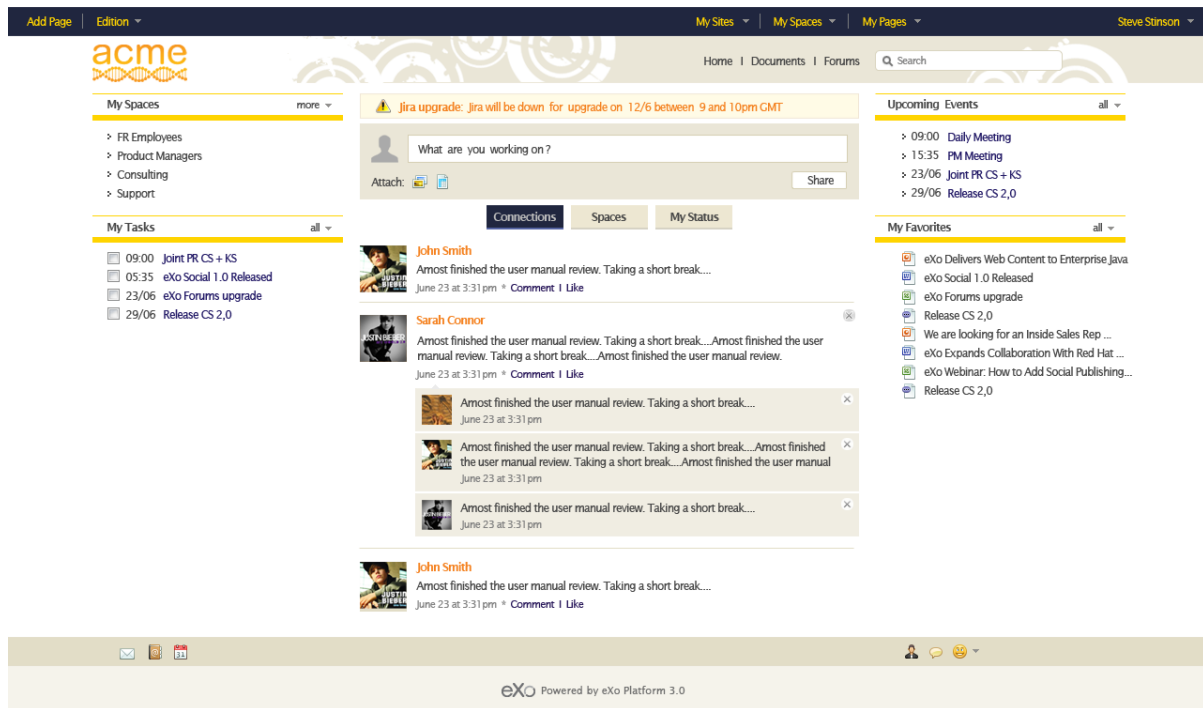
The User Experience Platform for Java

Overview

eXo Platform, while providing a solid enterprise-ready foundation for your portal-based applications, is also reinventing how Java applications are built and deployed. eXo delivers the most comprehensive user experience platform for creating modern, user-centric Java applications.

The eXo Platform runs on standard Java middleware, but leverages REST services, Groovy, JavaScript, mashups, and gadget-based development to build and deploy rich, interactive, social Java applications that can be deployed on-premise or as a service in the cloud.

A powerful, enterprise-ready foundation for your portal-based apps



With eXo Platform, leveraging the GateIn portal framework co-developed by eXo and Red Hat, you have the enterprise-ready features to start building portal-based applications. An enterprise portal is a proven standard for building an intranet or website that can integrate additional application functionality. These customizable functions can be exposed as portlets, while features like access control and single sign-on provide security. Using eXo Platform as a starting point for your portal-based application development is a great way to explore some of the basic features, then continue adding a richer user experience with other eXo services.

Features

- Security: SSO, JAAS (Java Authentication and Authorization Service), role-based policies
- Customization: templates, internationalization, wizards, extensions
- Web Content Management: content creation, collaboration and organization
- Document Management: versioning, rollback, workflow

APIs

- [Portlet API \(JSR 168 and JSR 286\)](#)
- [WSRP 1.0 on JBoss](#)
- [OpenSocial Gadgets](#)
- [Java EE 5](#)
- [Organization API \(for user and group management\)](#)

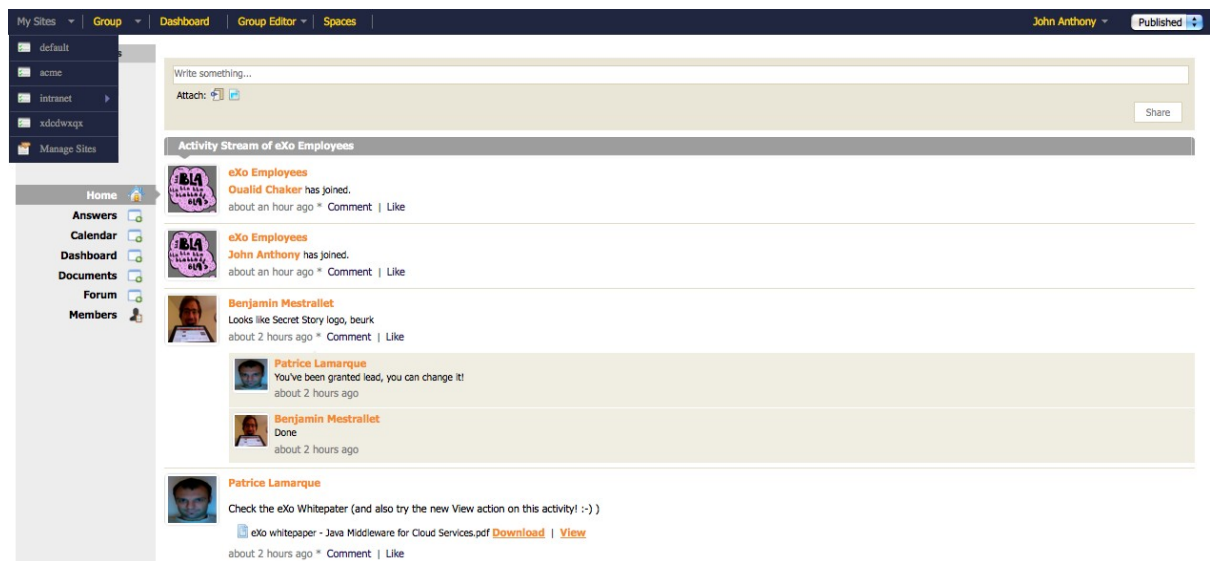
Related Docs

- [GateIn project documentation](#)
- [User Guide – for an intro to basic portal functions](#)
- [Developer Guide: Architecture Primer](#)
- [Admin Guide: LDAP Integration](#)

Other Resources

- [eXo Content Getting Started Guide](#)
- [GateIn Getting Started Guide](#)
- [Adding Gadgets to Your Dashboard](#)

Rich collaboration and social features that will transform your portal apps into your users' preferred work space



Using eXo Platform, you have the portal foundation you need to present and organize capabilities via portlets and gadgets. But your users want the type of features they're used to in the consumer web: content management, collaboration, knowledge management, activity streams and more. eXo Platform lets you modernize your portal-based applications with these rich user experience features, without sacrificing the security and reliability of an enterprise portal. You can build an intranet or any web application with activity streams, social networks, collaboration workspaces, chat, calendars, and more, all easy rearranged with simple drag-and-drop controls.

Features

- Social: manage profiles, connections, spaces
- Activity Streams: publish links, documents, status updates, comments
- Collaboration: share documents, calendars, contact lists
- Communication: chat, email, forums

APIs

- [eXo Social API \(user profiles, activity streams, collaboration spaces, and more\)](#)

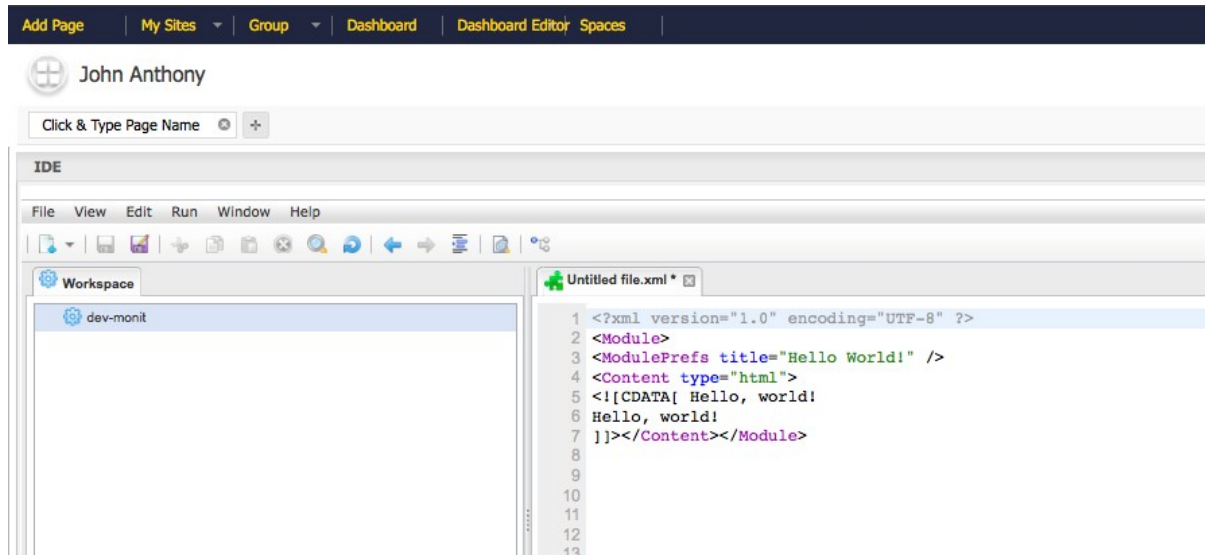
Related Docs

- [eXo Social User Guide](#)
- [OpenSocial docs](#)

Other Resources

- [eXo Collaboration Getting Started Guide](#)
- [Solution: Building a Company Intranet](#)
- [Solution: Building a Web 2.0 Website](#)

Leverage reusability of eXo services to quickly build applications



eXo Platform also makes it easy to develop new applications that need content management, access control, or social features. One of the most time-consuming aspects of development is dealing with security, versioning, search, backup and more. Instead of building those functions, you can reduce development time by leveraging eXo Platform's reusable services.

Features

- Web-based IDE: syntax, highlighting, Groovy REST service validation, HTML preview
- JCR: advanced search, XML import/export, versioning, clustering
- Extensibility: Java APIs, REST services

APIs

- [JAX-RS \(JSR 311\)](#)
- [OpenSocial web services](#)
- [CMIS](#)
- [WebDav](#)
- [FTP](#)
- [eXo Social API](#)
- [eXo Content API](#)
- [JCR \(JSR 170\)](#)
- [UI Extensions](#)

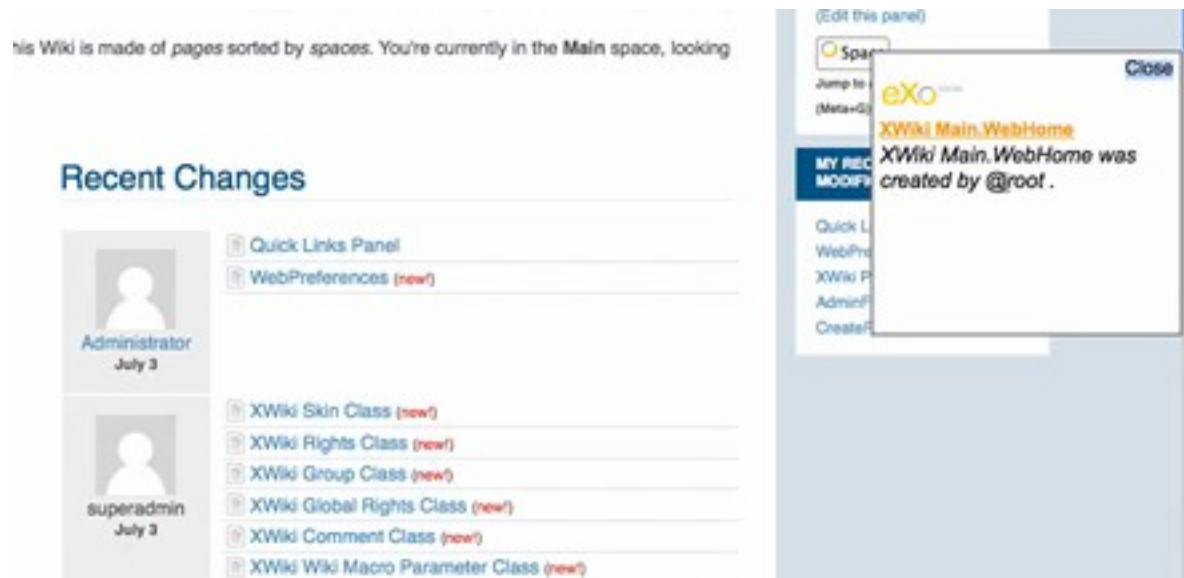
Related Docs

- [Developers Guide: Creating Your Own Portal](#)
- [Reference Guide: eXo IDE](#)

Other Resources

- [Video demo: Building OpenSocial Gadgets](#)
- [Video demo: Integrating a CMIS Server with Zoho](#)

Add the user-experience features of eXo Platform to your existing applications



Using eXo Platform APIs, you can leverage eXo services to add functionalities to your applications. For example, you can use the JCR that is built into eXo Platform, via the CMIS (Content Management Interoperability Specification) API, and automatically benefit from the JCR capabilities. Similarly, it is also possible to add activity streams to applications, which you can read and write using the API. You can even use your framework of choice, such as Grails, Spring, Struts, ROO, and others.

Features

- Gadgets: OpenSocial-compliant gadget container
- Social APIs: implementation of OpenSocial's People and Activity APIs
- Protocols: Support for OAuth, REST and RPC Social protocols

APIs

- [OpenSocial \(gadgets\)](#)
- [OpenSocial \(web services\)](#)
- [UI Extensions](#)

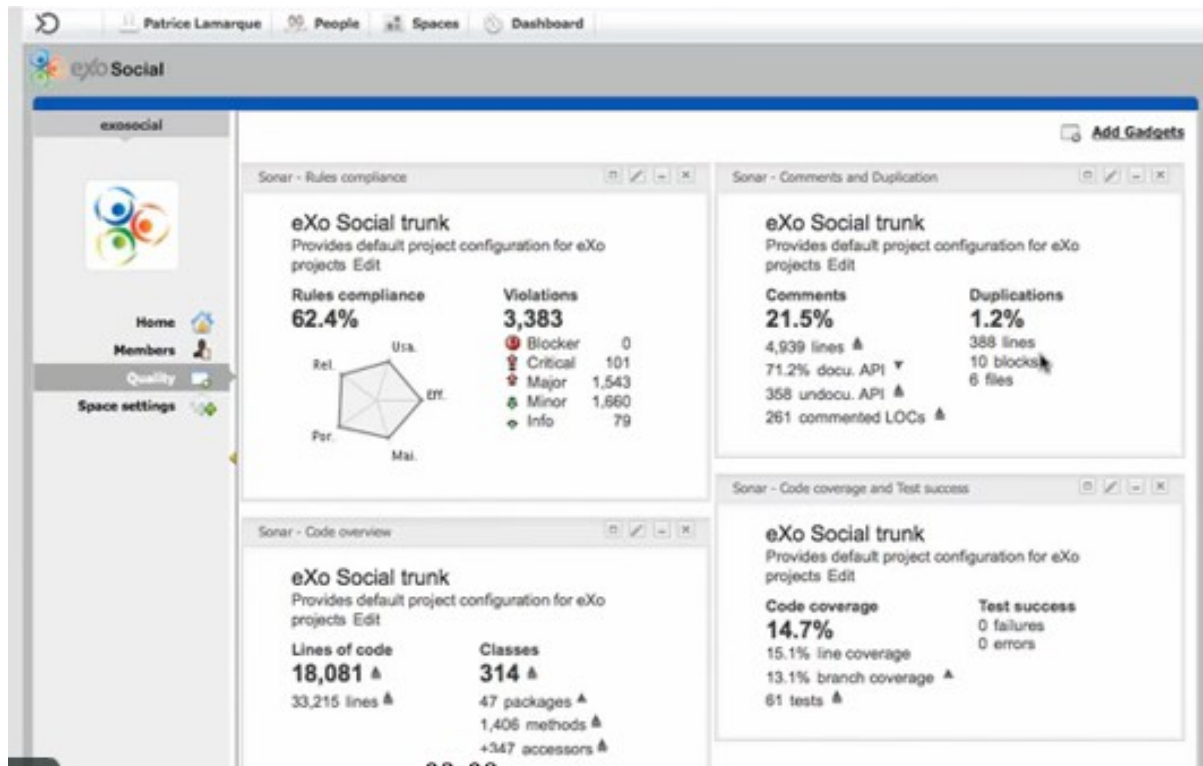
Related Docs

- [Reference Guide: eXo JCR, xCMIS](#)
- [eXo APIs](#)

Other Resources

- [Video demo: Adding Social Features to a Grails Application](#)
- [Tutorial: Adding Social Features to a Grails Application](#)

Using your portal-based application as a centralized SOA interface



As a portal, eXo provides a simple way to integrate your Java app functionality by using portlets. But you can also use eXo Platform to integrate your more complex enterprise Java apps, and even your .NET or PHP apps. eXo can become the interface for your Service Oriented Architecture.

All your existing apps can be centrally accessed within your portal, by deploying REST services in eXo Platform's powerful web-based IDE. These services provide easy and secure access to eXo resources, allowing you to build quick HTML apps like a mobile website.

Features

- Groovy REST services validation
- Deploy or un-deploy services on the server side
- Obtain information about services via the service URL, HTTP method, and other parameters.

APIs

- [Portlet API \(JSR 168 and JSR 286\)](#)
- [WSRP](#)
- [OpenSocial Gadgets](#)

Related Docs

- [eXo APIs](#)

Other Resources

- [Video demo: Integrate activity streams of multiple applications to build a meaningful, powerful dashboard](#)
- [Tutorial: Building a Developer Dashboard](#)

About eXo

eXo (<http://exoplatform.com>) offers the next generation of Java middleware designed for the new era of cloud-based services. The eXo Platform makes Java websites and applications faster to build and easier to deploy, and offers modern features such as content, collaboration, social and knowledge on a services-based architecture. The company has established technology leadership and proven value by their large European installed base and strategic partnerships with Red Hat and Bull. eXo maintains U.S. headquarters in San Francisco, Calif. with global headquarters in France and offices in Tunisia, Ukraine and Vietnam. For news and updates from eXo, follow @exoplatform on Twitter.

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