



Mainsoft, Portal Edition: Composite Apps Across .NET and Java

Enterprise Challenges

- Deliver a rich, integrated end-user experience across .NET and Java Web applications
- Preserve existing .NET developer skills and code
- Enable on-the-glass composite application development, without coding
- High costs of developing, maintaining a mixed .NET-Java production environment

Mainsoft, Portal Edition

- Develop portlets using C#, Visual Basic 2.0, and the Visual Studio 2005 IDE
- Develop applications and deploy them as JSR 168 compliant portlets on WebSphere Portal v 5.1 and 6

Enterprise Benefits

- Enhanced end-user experience, including role-based security with single sign-on, consistent navigation model, AJAX-enabled UI experience, and people awareness
- Enable on-the-glass composite application development using .NET and Java components, without coding
- Preserve .NET developer skill sets and existing .NET code
- Simplify IT infrastructure: eliminate dual licensing and management costs

Mainsoft®, Portal Edition, enables IT departments to integrate ASP.NET applications seamlessly into a flexible, scalable service-oriented architecture running on WebSphere® Portal.

Enterprise .NET developers use Mainsoft's Visual Studio®-based software development kit to build a fully featured WebSphere Portal environment, with role-based, personalized access to all enterprise assets running on the portal. .NET developers can produce JSR 168 standards compliant Java portlets that run locally on the portal. These portlets can participate in on-the-glass mash-ups across .NET and Java components, creating a unified look and feel and enabling composite applications with portlet communication.

Mainsoft for WebSphere Portal



Mainsoft, Portal Edition, is an integral part of the Mainsoft for WebSphere Portal products suite that enables IT organizations with .NET skills, applications, and services to deliver scalable, open access to all enterprise assets, including contents stored on SharePoint sites and SQL Reporting Services, within an integrated WebSphere Portal environment.

Product Benefits: Mash-Ups Across .NET and Java

With .NET portlets running natively on WebSphere Portal, business analysts can quickly compose mash-ups across .NET and Java components. Analysts use interactive tools such as WebSphere Portal Application Templates and inter-portlet communications to build new workflows on WebSphere Portal.

Product Benefits: Superior End-User Experience

Mainsoft, Portal Edition, extends WebSphere Portal's enhanced end-user benefits to services written in C# and Visual Basic, including:

- Role-based security:** End-users gain secure, role-based access to enterprise .NET and Java services using WebSphere Portal single sign-on. .NET portlets run locally on WebSphere Portal and can access all portal services, including users and group management, Credential Vault, user profile, and portlet preferences. The 100% WebSphere security model reduces the number of potential intrusion points, as compared to a mixed security model provided by IFRAME remoting solutions.
- Interactive Web interface using AJAX:** Using Mainsoft's Portal Edition and the open-source AJAX Anthem.NET toolkit for ASP.NET, .NET developers can provide the full richness of AJAX to portlets coded in .NET. Mainsoft plans to support the Microsoft AJAX Framework (code-named Atlas) the first half of 2008.
- WebSphere Portal navigation:** ASP.NET applications can be easily ported to multiple portlets to integrate with the portal navigation model. This model delivers a consistent end-user navigation experience across ASP.NET and Java applications.
- Branding:** ASP.NET portal applications are branded consistently with the portal themes. This includes internationalization, with consistent levels of translation and localization to provide a comfortable experience for users worldwide.
- People and location awareness:** ASP.NET developers can take advantage of Lotus® Sametime people and location awareness features. Users' names appear as hyperlinks in ASP.NET portlets, facilitating collaboration across all portal services.

