



Project WebSynergy Milestone 3 Release Notes

Beta



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Project WebSynergy Milestone 3 Release Notes Overview

Project WebSynergy is the next-generation web aggregation and presentation platform from Sun™ Microsystems. This platform includes developer tools and an enterprise-grade presentation runtime based on Liferay Portal Server, GlassFish™ version 2 or version 3 software, and MySQL™ software.

About These Notes

The *Project WebSynergy Milestone 3 Release Notes* contains the most current information about new features available in this release and known issues and limitations. Read this document before using Project WebSynergy Milestone 3 or reporting any bugs.

Release Notes Revision History

This section lists the changes that have been made in these release notes since the Project WebSynergy Milestone 2 release.

Revision Date	Description
August 2008	Release of Project WebSynergy Milestone 2
October 2008	Release of Project WebSynergy Milestone 3

Getting and Installing Project WebSynergy

The *Project WebSynergy Milestone 3 Getting Started Guide* provides information on the download location, platform requirements, installation instructions, and how to use Project WebSynergy.

Related Documentation About Project WebSynergy

The Project WebSynergy documentation set is available on the [WebSynergy Document Collection](#) page.

You can also refer the documentation available on the [Liferay wiki](#) and [OpenPortal documentation web sites](#).

What's New in the Project WebSynergy Milestone 3 Release

This chapter provides a brief overview of the new features that are bundled with Project WebSynergy Milestone 3 release.

Note – Future commercial releases of Project WebSynergy will offer customized support plans, and additional enterprise integrations (for example, OpenSSO Enterprise, SharePoint, and enhanced security features). For more information, please [contact us](#).

- “Web Services for Remote Portlets 2.0 Features” on page 7
- “Simple API for Workflow Features” on page 8
- “Content Management System Features” on page 8
- “Project WebSynergy Samples” on page 8
- “Portal Coordination Service” on page 9
- “Developer Tools for Project WebSynergy” on page 9

Web Services for Remote Portlets 2.0 Features

Several user interface compatibility changes in the Web Services for Remote Portlets (WSRP) 2.0 Consumer and Producer administrator portlets. The WSRP 2.0 database changes in this release are:

- WSRP 2.0 Consumer data is stored in the Project WebSynergy database.
- WSRP 2.0 Portlets are stored in the Project WebSynergy database.

For more information, visit the WSRP project [web site](#).

Simple API for Workflow Features

New features related to Simple API for Workflow (SAW) are:

- The Workflow portlet in this release is implemented using SAW and `saw-impl` classes for Java Business Process Management (JBPM).
- An Expense Report portlet is available in this release. This is a sample application built on top of SAW to showcase a custom workflow application.

For more information, visit the SAW project [web site](#).

Content Management System Features

New features related to Content Management System (CMS) are:

- An OpenOffice plugin to access and store OpenOffice documents stored in the Document Library is now available in Project WebSynergy.
- You can use the Journal tag library to access Journal content from any portlet in Project WebSynergy.

For more information, visit the Content Management System/Mirage project [web site](#).

Project WebSynergy Samples

Default samples are available in Project WebSynergy Milestone 3. A number of users and a community are created and provided basic layouts with default public and private pages to demonstrate Project WebSynergy functions.

To access the samples, go to `http://localhost:8080`. There are several sample logins available in the form `username@example.com` with `username` as password. The following users are available:

- mary, ed, chris, and paul – All these users have default private layouts
- jon – Preliminary layout for a single user demo
- admin – Layout that contains four admin widgets

The sample communities that are available to users are:

- Knowledge Management Community – contains a message board with sample category and post
- Collaboration Community – contains a sample blog and wiki entry
- CMS Community – contains sample Journal articles, structures, and templates

Portal Coordination Service

The Portal Coordination Service bridges portlet events to portal services. It allows portlets to publish standard JSR 286 portlet events to interact with Project WebSynergy services. The Portal Coordination Service available in the release, bridges to the Project WebSynergy social activity service.

The Roller Weblogger portlet makes use of the Portal Coordination Service to add Roller Weblog posts and edits to the set of social activities. These are summarized in the activities portlet.

Developer Tools for Project WebSynergy

Project WebSynergy provides the following tools for developers to develop and deploy portlet applications.

NetBeans Portal Pack 3.0 Milestone 2 Features

[Portal Pack 3.0 Milestone 2](#) modules support the complete life cycle of portlet application development. Using the Portal Pack modules, you can develop, package, deploy, and test portlet applications for deployment on Project WebSynergy. The new features in the Portal Pack for NetBeans 6.5 IDE are:

- **Journal Tag Library Palette** – A new palette item to drag and drop Project WebSynergy journal tag libraries to the Java Server Page (JSP™). You can use these tag libraries to access journal content from any user portlet.
- **Project WebSynergy Service Builder Plugin** – This plugin provides the Project WebSynergy service builder capabilities inside NetBeans 6.5 IDE. You can also use this plugin to write database specific portlets using service builder infrastructure.

For more information, visit the portal pack project [web site](#).

Eclipse Portal Pack Software

The Eclipse Portal Pack provides a set of plugins to help you to develop JSR 168/286 portlets and deploy them on supported portlet containers. For more information, visit the Eclipse Portal Pack project [web site](#).

ViewDesigner Plugin

The ViewDesigner plugin available in this release enables a web designer to design and customize the theme of a portal page. You can download the plugin from the ViewDesigner project [web site](#).

Project WebSynergy Milestone 3 Known Issues and Limitations

This chapter describes known issues and limitations for the Project WebSynergy Milestone 3 software.

- [“Installation Issue” on page 11](#)
- [“CMS Issue” on page 11](#)
- [“Portal Pack 3.0 Milestone 2 Issue” on page 12](#)
- [“SAW Issues” on page 12](#)
- [“ViewDesigner Plugin Issues” on page 13](#)
- [“For More Information About Project WebSynergy” on page 14](#)

Installation Issue

- NameNotFound exceptions appear in the `server.log` file when you install Project WebSynergy with GlassFish version 2 software.

CMS Issue

You cannot upload files using the “Browse (you can select multiple files)” option available in the Document Library and Image Gallery portlets.

Description: This issue occurs only on Safari and Firefox web browsers. The “Browse (you can select multiple files)” option works only on Internet Explorer 7 web browser.

Solution: You can upload files using the “Use the classic uploader” option available in the Document Library and Image Gallery portlets.

Portal Pack 3.0 Milestone 2 Issue

Spring Portlets and Service Builder plugin are dependent on the version of Generic Portlets plugin.

Solution: Do not select the Spring Portlets and Service Builder plugin while you install portal pack plugins on NetBeans 6.5 IDE. After installing all the other plugins, select only the Spring Portlets and Service Builder plugin and install.

If you select the Spring Portlets and Service Builder plugin, you will get the following error message:

```
Some plugins require plugin Generic Portlets to be installed.  
The plugin Generic Portlets is requested in version >=2.9  
but only 2.0.6 was found.
```

The following plugin is affected:
Spring Portlets

```
Some plugins require plugin Portal Server Integration Framework to be installed.  
The plugin Portal Server Integration Framework is requested in version >=2.91  
but only 2.0.6 was found.
```

The following plugin is affected:
Spring Portlets

This is a known issue in the NetBeans plugin installer. For more information, see the [issue details](#).

SAW Issues

Expense Report portlet does not work when you enable Sun Java Composite Application Platform Suite and login as “mary” (sample user).

Description: The Expense Report portlet works for all the other sample users such as “ed”, “chris”, “paul”, and “admin”. When you login as sample user “mary”, you will get the following error message in the Expense report portlet:

```
Liferay.Portlet.onLoad( { canEditTitle: true, columnPos: 0, isStatic:  
'no', namespaceId: 'p_p_id_ExpenseReportPortlet_WAR_expensereportportlet_',  
portletId: 'ExpenseReportPortlet_WAR_expensereportportlet' } );
```

The Expense Report portlet does not work on Project WebSynergy bundled with the GlassFish version 2 or GlassFish version 3 software.

Cause: Expense Report portlet requires the latest version of `saw-impl-jcaps.jar` file in the Project WebSynergy bundle. Since the GlassFish version 2 and version 3 software does not include the `saw-impl-jcaps.jar` file, you will get the `ClassNotFoundException` while starting the GlassFish server.

Solution: Follow these steps for the Expense report Portlet to work on Project WebSynergy.

1. [Download](#) the `saw-impl-jcaps.jar` version 0.8 file.
2. Copy the `saw-impl-jcaps.jar` version 0.8 file in the `websynergy/web-inf/lib` directory.
3. Restart Project WebSynergy.

The Expense Report portlet does not work on Project WebSynergy bundled with the GlassFish version 3 software.

Cause: The Expense Report portlet with the Sun Java Composite Application Platform Suite on Project WebSynergy requires the Enterprise JavaBeans (EJB™) architecture container. The GlassFish version 3 software does not include the EJB container.

Solution: To install the EJB container from GlassFish version 3 update center:

1. Change to the `/wesynergy-gfv3/bin` directory.
2. Install the EJB container for GlassFish version 3 using the `$ ./pkg install glassfish -ejb@3.0` command.

ViewDesigner Plugin Issues

The theme WAR in the ViewDesigner plugin does not contain the `index.html` file.

Description: The ViewDesigner plugin adds a static `index.html` file to the theme WAR so that a web designer can preview the changes that he is making. Any changes to this page will not be reflected on the portal.

The ViewDesigner plugin does not support changes to the portal layout.

Description: If you modify any of the `vm` files, then the ViewDesigner plugin cannot show a preview of the modifications. You might need to change the `vm` files in order to change the layout.

The changes that you perform using the ViewDesigner plugin will not be reflected in the Project WebSynergy theme.

Solution: Set the `theme.css.fast.load` value as *false* in the `portal-ext.properties` file and restart Project WebSynergy.

Plugin Installer portlet in Project WebSynergy will not list any plugins.

Cause: This happens because Project WebSynergy is based on Liferay portal server version 5.2.0, which is not released yet. So, the plugin repository does not yet contain plugins compatible with Liferay version 5.2.0.

For More Information About Project WebSynergy

Thanks for evaluating Project WebSynergy Milestone 3. For the most recent updates on this project, see the Project WebSynergy [home page](#). Visit the following web sites for more information about products that might be useful while you evaluate Project WebSynergy.

- [NetBeans](#) – An open source, free IDE that runs on the Solaris, Linux, Macintosh OS X, and Windows platforms.
- [Liferay Portal](#) – A portal created for the enterprise. It provides a virtual space where you can centralize, share, and collaborate.
- [MySQL](#) – The world's most popular open source database.
- [GlassFish](#) – An open source application server project led by Sun MicrosystemsSM for the Java Enterprise Edition (Java EETM) platform.