



Sun GlassFish Web Space Server 10.0 OpenOffice Add-On Guide



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Overview

The Sun Microsystems OpenOffice Add-On for Sun GlassFish Web Space Server 10.0 software is an OpenOffice 2.x extension that provides a convenient way for users to interact with Web Space Server Document Libraries directly from OpenOffice. This guide provides instructions for installing, using, and troubleshooting the OpenOffice Add-On.

This chapter includes the following topics:

- [“Who Should Read This Guide?” on page 5](#)
- [“What Are Sun GlassFish Web Space Server Add-Ons?” on page 6](#)
- [“Where Can You Get Web Space Server Add-On Packages?” on page 6](#)
- [“Additional Sun GlassFish Web Space Server Documentation” on page 6](#)

Who Should Read This Guide?

This guide is intended for registered Web Space Server users who want to use the OpenOffice Add-On for Sun GlassFish Web Space Server package to enhance the power of Web Space Server software with OpenOffice integration features.

Note – This guide does not provide detailed usage instructions for using Web Space Server in general. For such information, refer to the rest of the [Sun GlassFish Web Space Server Document Collection](#).

What Are Sun GlassFish Web Space Server Add-Ons?

The OpenOffice Add-On for Sun GlassFish Web Space Server is one of several Add-On packages available for Sun GlassFish Web Space Server software. These add-ons, also sometimes called *accelerators*, are an evolving set of standalone feature packages that provide performance enhancements and/or easier integration with third-party software tools. Please see the [Sun GlassFish Web Space Server](#) product page for the most current list of Add-On packages available for Web Space Server.

Where Can You Get Web Space Server Add-On Packages?

The Sun GlassFish Web Space Server Add-On packages are available for free to registered Web Space Server users through the Sun GlassFish Update Tool. The specific Add-On packages that are available to you depend on how your Web Space Server software is registered:

- Registered users with a **paid Web Space Server service contract** have unlimited access to the full set of Web Space Server add-ons.
- Registered users who do not have a paid Web Space Server service contract have access to a limited subset of the Web Space Server Add-On collection.

It is important to note that while Sun GlassFish Web Space Server software is a free, **open source** product, the Web Space Server add-ons are proprietary components developed and licensed by [Sun Microsystems, Inc.](#)

To learn more about Web Space Server, Add-On products for Web Space Server, and Web Space Server service contracts, go to the [Sun GlassFish Web Space Server](#) product page.

Additional Sun GlassFish Web Space Server Documentation

Each Web Space Server Add-On package has its own user's guide. Please see the [Sun GlassFish Web Space Server Add-On Document Collection](#) for links to documentation for the currently available Add-On products. Be sure to check back often, as the list of available add-ons is updated frequently.

For complete documentation for the core Sun GlassFish Web Space Server 10.0 software product, see the [Sun GlassFish Web Space Server Document Collection](#). Additional portal-related documentation is also available on the [Liferay wiki](#) and [OpenPortal documentation](#) sites.

About the OpenOffice Add-On

The OpenOffice Add-On provides a convenient way for users to interact with the Web Space Server Document Library portlet. Specifically, the OpenOffice Add-On places *Load From CMS* and *Store to CMS* buttons on the OpenOffice toolbar, which enable users to respectively open from and save documents to a Web Space Server Document Library.

- [“Who Should Use the OpenOffice Add-On?” on page 7](#)
- [“How Does the OpenOffice Add-On Work?” on page 7](#)

Who Should Use the OpenOffice Add-On?

The OpenOffice Add-On is intended for Web Space Server end users who want to open and save documents stored in a Web Space Server Document Library directly from OpenOffice without first having logging in to a Web Space Server site with a Web browser.

How Does the OpenOffice Add-On Work?

The Web Space Server OpenOffice Add-On is implemented as an OpenOffice extension. Installation and configuration of the Add-On is managed through the OpenOffice Extension Manager, and can be installed by regular Web Space Server end users without administrative privileges.

Because the OpenOffice Add-On interacts with existing Web Space Server Community-based Document Libraries and authorizations, there are no administrative-level tasks required other than creating the appropriate user accounts, communities, and Document Libraries.

When a user installs the OpenOffice Add-On, an *OpenOffice Web Space Document Library* toolbar with two buttons is added to his or her OpenOffice environment.

- **Load Document from CMS** enables users to open an existing document in a Web Space Server Document Library and edit it in OpenOffice.

- **Store Document to CMS** enables users to save an OpenOffice document to an existing folder in a Web Space Server Document Library.

Note that the OpenOffice Add-On does not currently enable users to delete documents or create or delete folders in Web Space Server Document Libraries.

Getting and Installing the OpenOffice Add-On

This chapter explains how to download and install the OpenOffice Add-On for Web Space Server.

- “Before You Begin” on page 9
- “Getting the OpenOffice Add-On” on page 10
- “Installing the OpenOffice Add-On” on page 15
- “Configuring the OpenOffice Add-On” on page 16

Before You Begin

This section explains some basic requirements and concepts you should review before proceeding with OpenOffice Add-On for Web Space Server 10.0 software installation.

- “System Requirements” on page 9
- “Installation Directories” on page 10
- “Platform-Specific Path Separators” on page 10

System Requirements

The OpenOffice Add-On for Web Space Server 10.0 requires the following:

- **Sun GlassFish Web Space Server 10.0 software**

The Web Space Server software should be installed as described in the *Sun GlassFish Web Space Server 10.0 Getting Started Guide*. Note that the requirements listed in “Software and Hardware Requirements” in *Sun GlassFish Web Space Server 10.0 Getting Started Guide* also apply to the OpenOffice Add-On.

While any of the Web Space Server 10.0 packages will work with the OpenOffice Add-On, the recommended Web Space Server package for production environments is `webspace-10-fcs-for-gfv2.zip`, which is the standalone Web Space Server package that

includes neither GlassFish nor the Web Space Server sample site and user sets. See the [Sun GlassFish Web Space Server](#) page or “Getting Sun GlassFish Web Space Server Software” in *Sun GlassFish Web Space Server 10.0 Getting Started Guide* for information about the different Web Space Server 10.0 downloads.

- **OpenOffice**

The OpenOffice Add-On works with OpenOffice 2.x software.

Installation Directories

The directories in which Web Space Server and Sun GlassFish Enterprise Software may vary, so throughout these installation instructions, the root Web Space Server server installation directory is referred to as *webspace_dir*, and the Sun GlassFish Enterprise Server root directory is referred to as *glassfish_dir*.

Platform-Specific Path Separators

The instructions and examples in this document use UNIX-style forward slash (/) path separators in file and command names. If Web Space Server and Sun GlassFish Enterprise Server are installed on a Windows system, be sure to use backslashes (\) instead of forward slashes; for example:

- **UNIX systems or Linux systems** — *glassfish_dir/bin/asadmin*
- **Windows systems** — *glassfish_dir\bin\asadmin*

Getting the OpenOffice Add-On

As with all Web Space Server Add-On packages, the OpenOffice Add-On is downloaded using the Sun GlassFish Update Tool.

Note – The version of Update Tool included with some versions of GlassFish is not compatible with the Web Space Server Add-On package repositories. You must use the version of Update Tool that comes with Web Space Server 10.0 software.

Update Tool also includes a command-line (CLI) Image Packaging System (IPS) utility, called *pkg*, which provides the same core functionality as its GUI-based counterpart. This IPS tool is started with the *webspace_dir/bin/pkg* command. See the [Update Center](#) wiki for complete information about Update Tool and the *pkg* command.

- “To Get the OpenOffice Add-On Using the GUI-Based Update Tool” on page 11
- “To Get the OpenOffice Add-On Using the CLI-Based *pkg* Tool” on page 14

▼ To Get the OpenOffice Add-On Using the GUI-Based Update Tool

Before You Begin Make sure that Sun GlassFish Enterprise Server v2 or later and Sun GlassFish Web Space Server 10.0 are both **installed and running** on your system, as described in “[System Requirements](#)” on page 9.

In these instructions, the root Web Space Server server installation directory is referred to as *webspace_dir*, and the Sun GlassFish Enterprise Server root directory is referred to as *glassfish_dir*.

- 1 **In a command shell for your operating system, change to the *webspace_dir/bin* directory and run the `updatetool` command.**

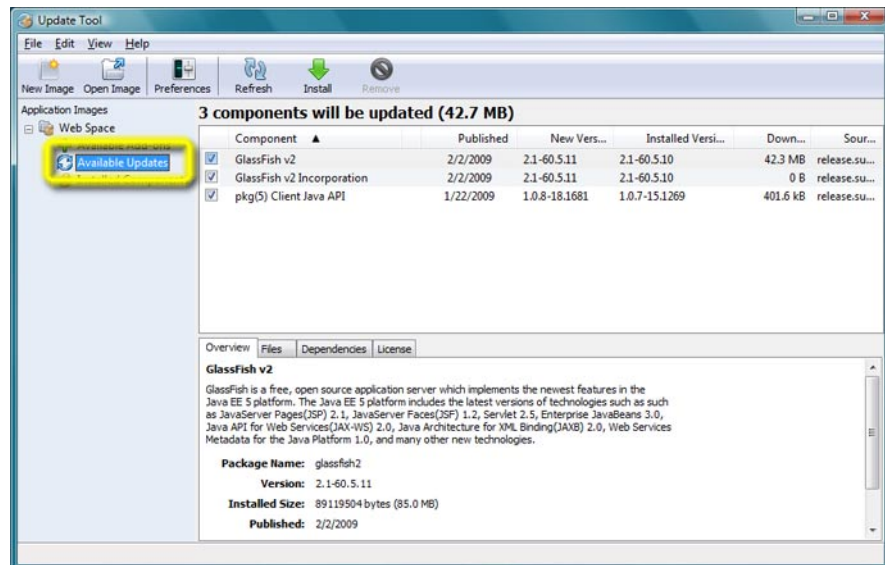
If this is the first time you have launched `updatetool`, the full Update Tool product will not yet be installed, and you are prompted to allow installation to proceed.

- a. **Type `y` when prompted to install Update Tool.**

The installer downloads and installs the full Update Tool product and then exits.

- b. **Enter the `updatetool` command again to launch Update Tool.**

The Update Tool main window is displayed, with Available Updates highlighted.

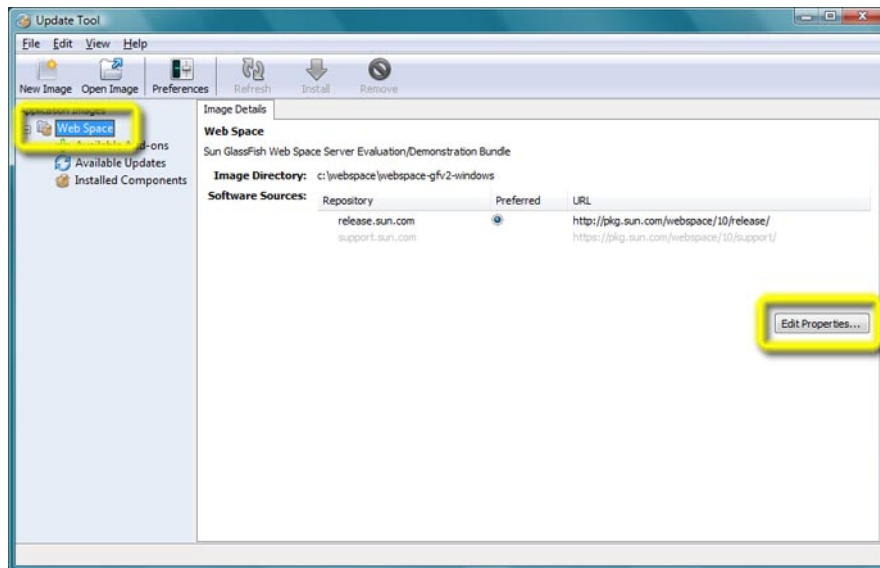


- 2 (Optional) You can choose at this time to install any available updates.

Note that if you choose to install updates at this time, you will in most cases need to restart GlassFish and Web Space Server before proceeding with the remainder of OpenOffice Add-On installation.

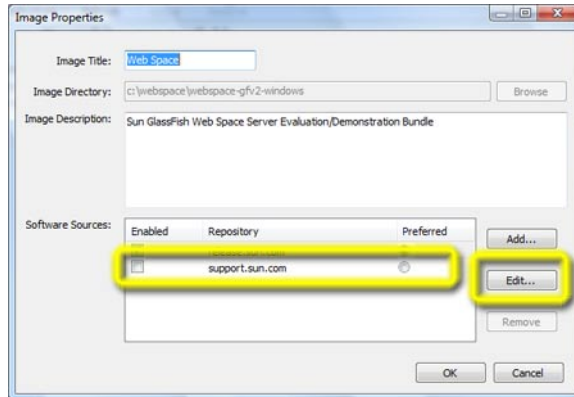
- 3 Click the Web Space node in the Application Images pane on the left in Update Tool.

Details about the currently selected software repositories are displayed. To get the Web Space Server Add-On, a restricted-access repository must be added to this list.



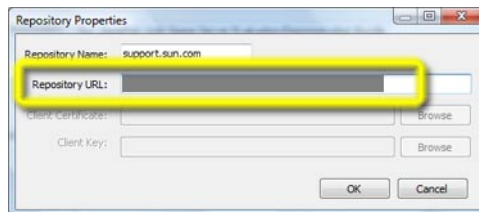
- 4 Click *Edit Properties* on the right side of the Image Details pane.

The Image Properties window is displayed.

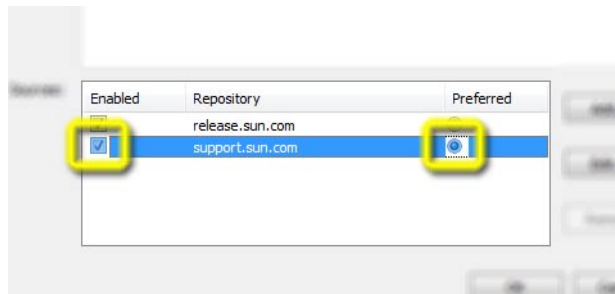


Note that the repository named `support.sun.com` is not enabled.

- 5 Select the checkbox next to the `support.sun.com` repository, and then click *Edit*. The Repository Properties window is displayed.



- 6 Ask your [SunSolve](#) service representative for the correct URL to use, enter the URL here, and then click *OK*.
- 7 Verify that the `support.sun.com` repository is now *Enabled* and selected as *Preferred*, and then click *OK*.



- 8 Back in the Update Tool main window, choose the *Available Add-Ons* node in the Application Images pane to display the list of available Add-On packages.
- 9 Select the packages you want, and then click *Install*.
- 10 Proceed to “[Installing the OpenOffice Add-On](#)” on page 15 for the remaining installation instructions.

▼ To Get the OpenOffice Add-On Using the CLI-Based pkg Tool

Before You Begin Make sure that Sun GlassFish Enterprise Server v2 or later and Sun GlassFish Web Space Server 10.0 are both **installed and running** on your system, as described in “[System Requirements](#)” on page 9.

In these instructions, the root Web Space Server server installation directory is referred to as *webSPACE_dir*, and the Sun GlassFish Enterprise Server root directory is referred to as *glassfish_dir*.

- 1 In a command shell for your operating system, change to the *webSPACE_dir/bin* directory and run the `updatetool` command.

If this is the first time you have launched `updatetool`, the full Update Tool product will not yet be installed, and you are prompted to allow installation to proceed.
- 2 Type **y** when prompted to install Update Tool.

The installer downloads and installs the full Update Tool product and then exits.
- 3 Change to the *webSPACE_dir/pkg/bin* directory.
- 4 Enter the following command to download the OpenOffice Add-On:

```
pkg set-authority -P --enable -O http://pkg.sun.com/webSPACE/10/<repository_name>
```


Ask your [SunSolve](#) service representative for the correct `<repository_name>` to use, enter the URL here, and then click OK.
- 5 Enter the following command to perform the base OpenOffice Add-On installation:

```
pkg install webSPACE-openoffice-addon
```
- 6 Proceed to “[Installing the OpenOffice Add-On](#)” on page 15 for the remaining installation instructions.

Installing the OpenOffice Add-On

After using Update Tool to get the OpenOffice Add-On package, as described in “[Getting the OpenOffice Add-On](#)” on page 10, installing the package involves using the OpenOffice Extension Manager.

- “[To Install the OpenOffice Add-On](#)” on page 15
- “[To Remove the OpenOffice Add-On](#)” on page 16

▼ To Install the OpenOffice Add-On

Before You Begin Make sure that the Web Space Server 10.0 site to which you want to connect is **running and available**. In these instructions, the GlassFish installation directory is referred to as *glassfish_dir*.

- 1 **Start any OpenOffice application and click *Tools->Extension Manager* on the OpenOffice main menu to open Extension Manager.**

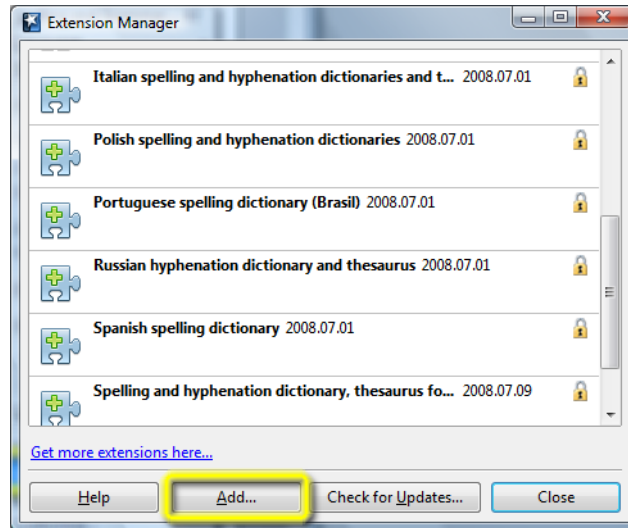


FIGURE 3-1 OpenOffice Extension Manager With Add Button Highlighted

- 2 **Click *Add* in Extension Manager, navigate to the *websynergy/openoffice* directory, select the *Glassfish-Web-Space-DL-Plugin.oxt* Add-On file, and then click *Open*.**

You are returned to the Extension Manager window and the OpenOffice Add-On is installed.

- 3 **Click *Close* to exit Extension Manager.**

4 Exit and restart OpenOffice.

The two OpenOffice Add-On buttons are now displayed on a new *OpenOffice Web Space Document Library* toolbar.

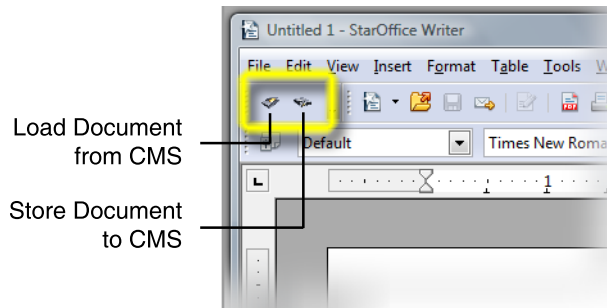


FIGURE 3-2 OpenOffice Add-On Buttons

▼ To Remove the OpenOffice Add-On

- 1 Start any OpenOffice application and click *Tools->Extension Manager* on the OpenOffice main menu to open Extension Manager.
- 2 Navigate to the *Glassfish-Web-Space-DL-Plugin.oxt* extension, and then click *Remove*.
- 3 When removal is complete, close the Extension Manager window and then exit and restart OpenOffice.

The OpenOffice Add-On, including the *OpenOffice Web Space Document Library* toolbar, are removed.

Configuring the OpenOffice Add-On

Once a user account and one or more relevant Communities and Document Libraries have been created in Web Space Server, all configuration settings for the OpenOffice Add-On are made in a single configuration window within OpenOffice.

- [“To Configure the OpenOffice Add-On” on page 17](#)
- [“To Configure the OpenOffice Add-On for an HTTPS Connection” on page 19](#)

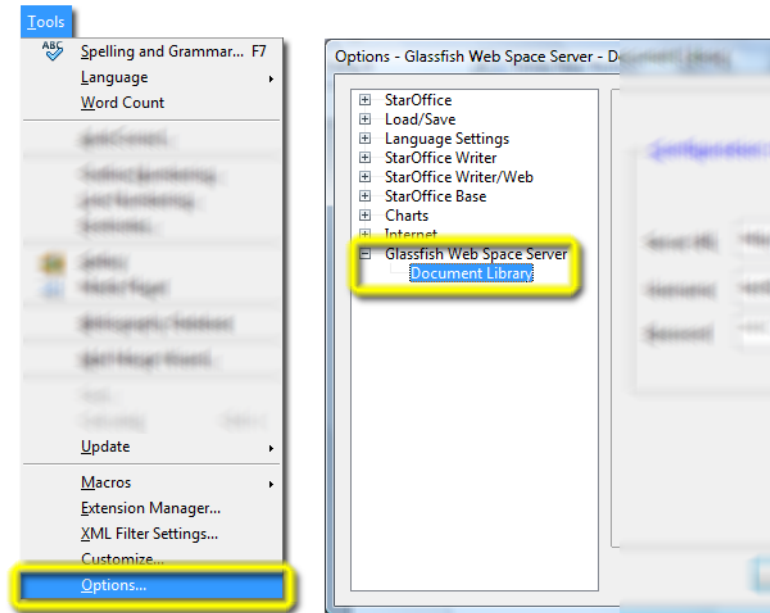
▼ To Configure the OpenOffice Add-On

Before You Begin Make sure the Web Space Server site to which you want to connect is up and running.

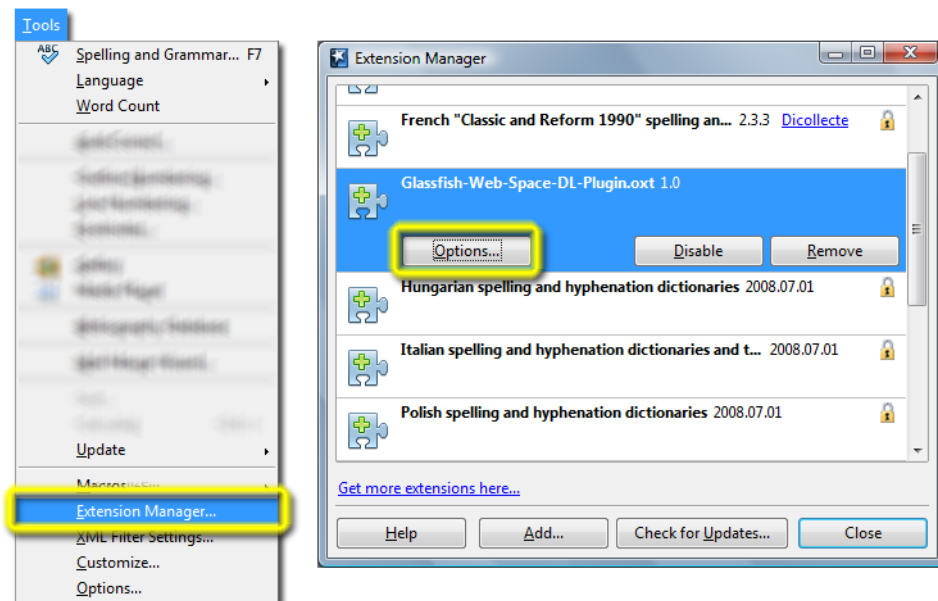
- 1 Start an OpenOffice application, if one is not already running.
- 2 Open the OpenOffice Add-On configuration window.

The OpenOffice Add-On configuration window can be accessed from either of two ways:

- From the OpenOffice main menu, choose *Tools->Options*, and then navigate to the *GlassFish Web Space Server* node.



- From the OpenOffice main menu, choose *Tools->Extension Manager*, locate the *Glassfish-Web-Space-DL-Plugin.oxt* entry, and then choose *Options*.



Whichever method you use, the OpenOffice Add-On Configuration window is displayed.

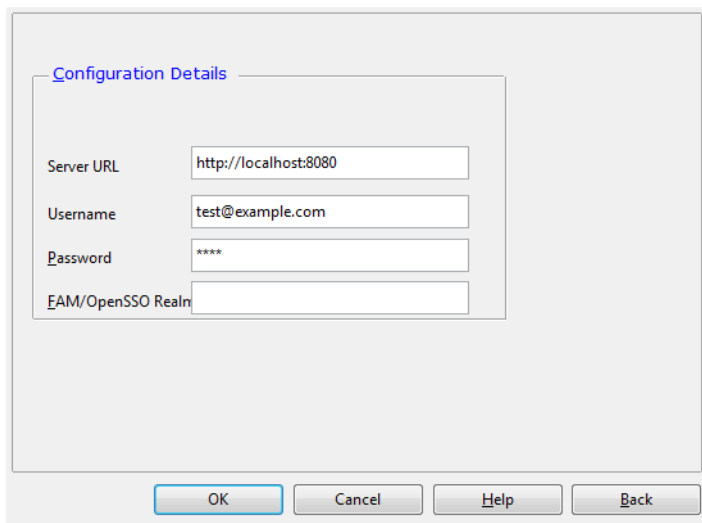


FIGURE 3-3 OpenOffice Add-On Configuration Window

- 3 **Specify the URL for the server to which you want to connect, your Web Space Server user name, and password.**
Specify only the root URL for the server; that is, do not specify the direct URL to any Document Library to which you may eventually connect.
- 4 **(Optional) If connecting through an OpenSSO server, specify the OpenSSO realm or realm alias used for your account.**
You may need to ask your Web Space Server site administrator for the realm name you should use.

▼ To Configure the OpenOffice Add-On for an HTTPS Connection

You may need to perform additional configuration steps if the Web Space Server to which you are connecting with the OpenOffice Add-On is accessed by means of an HTTPS URL rather than an HTTP URL. For example, if you access your server with an address like:

```
https://fooserver:8181
```

instead of:

```
http://fooserver:8080
```

you may need to perform the steps in this procedure.

Note – You **do not** need to perform these steps if the Web Space Server site you want to access does not use an HTTPS address, but instead uses a more common HTTP address.

- 1 **Use your Web browser to import the certificate for the Web Space Server site.**
Please refer to your browser documentation for specific instructions. In many cases, it is simply a matter of viewing the server certificate and storing it locally.
- 2 **Create a local keystore.**
You can do this by running the following command from a command shell for your operating environment:

```
$JAVA_HOME/bin/keytool -import -v -alias slas -file <imported-certificate> \
-keystore <keystorename.jks> -storepass <password>
```
- 3 **Start OpenOffice and navigate to the *Tools*→*Options*→*OpenOffice.org*→*Java configuration* pane.**
- 4 **Make sure the active JRE is highlighted, and then click *Parameters*.**

- 5 Enter the following in the *Java start parameter* field:**
`-Djavax.net.ssl.trustStore=<complete_path_to_created_keystore>`
- 6 Click *Assign* and then *OK*.**
- 7 Restart OpenOffice.**
- 8 Enter the HTTPS URL for your Web Space Server site.**

Using the OpenOffice Add-On

This chapter explains how to perform the two functions provided by the OpenOffice Add-On:

- “Opening a Document From a Web Space Server Document Library” on page 21
- “Saving a Document to a Web Space Server Document Library” on page 23

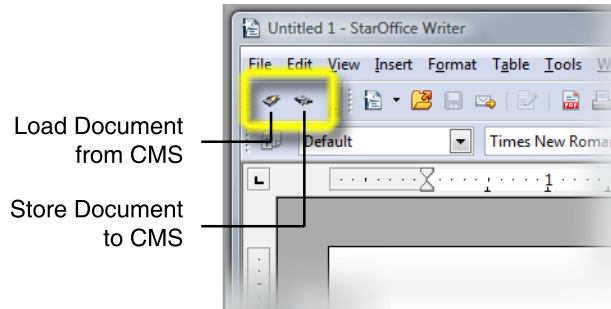
Opening a Document From a Web Space Server Document Library

You can use the OpenOffice Add-On to directly open a document stored in an Web Space Server Document Library without having to first log in to that Web Space Server site.

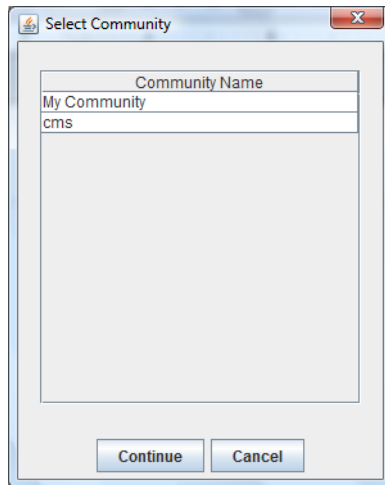
▼ To Open a Document from a Web Space Server Document Library

Before You Begin The Web Space Server Document Library containing the document you want to open must be accessible and writable by your Web Space Server user account. If you are uncertain about whether your account has sufficient privileges, contact your Web Space Server site administrator.

- 1 Start the desired OpenOffice application, and click the *Open from CMS* toolbar button.

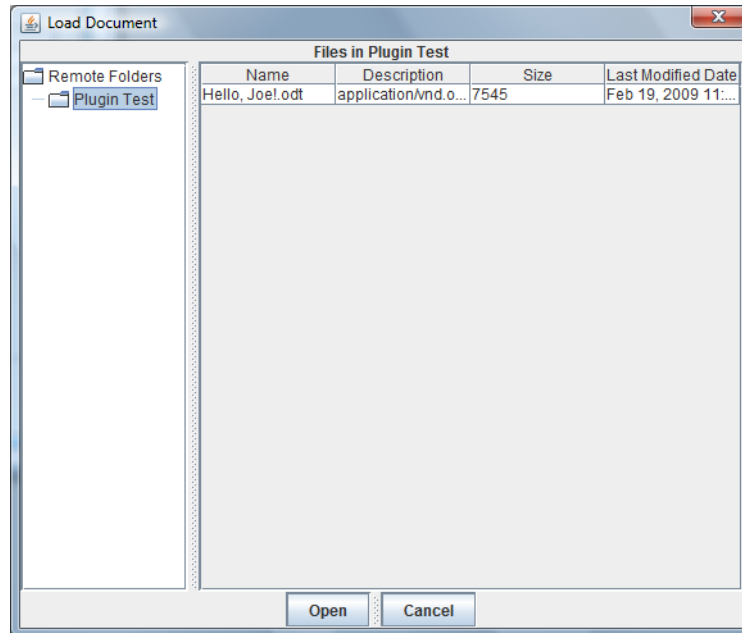


You are prompted to select the Web Space Server community you want to access.



- 2 **Select the Web Space Server community that contains the Document Library you want to access, and then click *Continue*.**

The Load Document dialog displays a list of remote folders and documents available to the selected community.



- 3 Select the folder and document you want to open, and then click *Open*.

The selected document is opened in OpenOffice.

Saving a Document to a Web Space Server Document Library

You can use the OpenOffice Add-On to directly save the currently open Document Library file to Web Space Server.

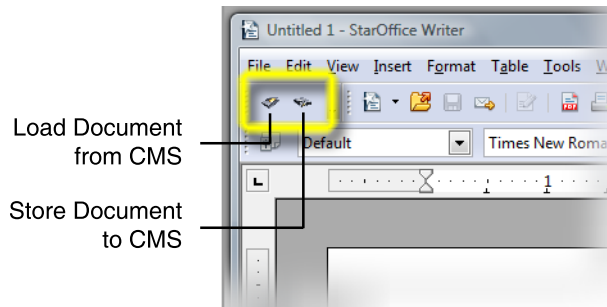
Note – You can only overwrite documents that already exist in the Web Space Server Document Library. You cannot create new OpenOffice documents and save them to the Document Library. Note also that you cannot delete Document Library files, or create or delete Document Library folders.

▼ To Save a Document to a Web Space Server Document Library

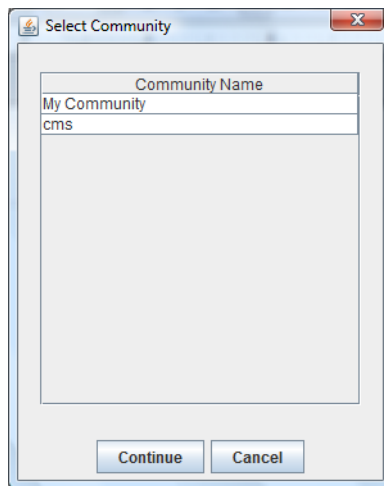
This procedure explains how to save a document that you have opened from a Web Space Server Document Library back to that same Document Library.

Before You Begin This procedure is based on the instructions in the preceding section, and assumes that you currently have open in OpenOffice a document that you have loaded from a Web Space Server Document Library.

- 1 **Edit the document as desired, and when you are ready, click *Store Document to CMS* toolbar button.**

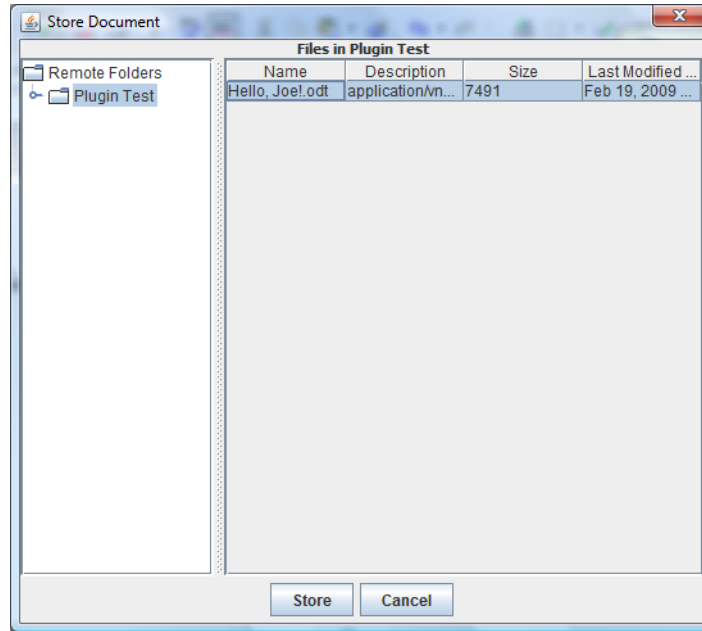


You are prompted to select the Web Space Server community you want to access.



- 2 **Select the Web Space Server community that contains the Document Library you want to access, and then click *Continue*.**

The Store Document dialog displays a list of remote folders and documents available to the selected community.



- 3 Select the folder and document to which you want to save the document currently open in OpenOffice, and then click *Store*.

The document is saved to the Web Space Server Document Library.

