

Search Engine Overview

The **Search Engine** Options allows you to install the WebGlimpse Search Engine on your site. This tool allows users to perform searches for content on your site.

Once the search engine is installed, configured and indexed, it will be available on an HTML page located on your site. You will need to manually (using your web site creation tool of choice) create links to the WebGlimpse HTML page.

Installing the Search Engine



How To Install WebGlimpse on Your Site:

1. From the Control Panel, select the **Search Engine** icon. If WebGlimpse is not installed on your site, the Search Engine Manager displays a message indicating that WebGlimpse is not yet installed.

Search Engine Manager

The Search Engine Manager will allow you to do the following:

- 1) Install or Remove Webglimpse from your site.

1) Webglimpse is not installed.

To install Webglimpse on your domain, click: [Install Webglimpse](#)

2. Select the **Install WebGlimpse** button. A message appears indicating that WebGlimpse will be installed on your site within approximately ten minutes.

Configuring the Search Engine for Your Site

The **Search Engine Manager** allows you to specify the types of files you would like to index on your site. It is common practice to have search engines only index content files; images and program files are typically not indexed.



How To Configure the Search Engine:

1. From the **Search Engine Manager**, select the **Directory Administration** button. Instructions for changing the searchable directories on your site display.

Search Engine Manager

How to change the searchable directories:

Webglimpse is setup to search through any directory under `/home/user/user-www/`. To make sure that Webglimpse does not search any directories you would like kept private, add 'Deny' and the directory to deny '/Directory' to the `.wreindex-search` file below.

e.g. To stop the directory `/home/user/user-www/private` place '**Deny /private**' in the file below.
e.g. To do this for a sub directory `/home/user/user-www/private/sub` place '**Deny /private/sub**' in the directory below.

Edit the file here:

```
Deny \.gif$
Deny \.jpeg$
Deny \.mpeg$
Deny \.jpg$
Deny \.au$
Deny \.wav$
Deny \.pdf$
Deny \.mov$
Deny \.gz$
Deny \.Z$
Deny \.tgz$
Deny \.zip$
Deny \.ps$
Deny \.exe$
Deny (^|/)windex\.html$
```

Press this button to

[Search Engine Main Menu](#)

2. You can eliminate specific types of files from being accessed by your search engine by including the following command in the **Edit the file here** text box:
Deny \.extension where *extension* is the extension for the file type you want to prevent being indexed.

3. You can eliminate specific directories from being accessed by your search engine by including the following command in the **Edit the file here** text box: **Deny /*directoryname*** where *directoryname* is the name of the directory you want to prevent being indexed.
4. When all of your changes have been made, click on the **Save** button.
5. Select the **Search Engine Main Menu** link to return to the **Search Engine Manager**.

Re-Indexing Your Site with the Search Engine

When you install WebGlimpse, it automatically creates an index of your site. If you make changes to your site (like adding pages), or change the configuration (as done in the above procedure) you will need to re-index the site so that all new changes are reflected in the WebGlimpse index. This helps to ensure that WebGlimpse returns accurate, up-to-date search results when users perform searches on your site.



How To Re-Index Your Site:

1. From the Search Engine Manager, select the **ReIndex Web Pages** button. The web pages on your site will automatically be re-indexed and a page of the results from that re-indexing appears.

```
Search Engine Manager

Re-indexing web pages now.
You can view the output below.

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wgreindex

No search boxes used
Getting local files by directory...
Neighborhoods correspond to subdirectories
Use of uninitialized value at /home/user/user-www/lib/siteconf.pl line 111.
IndexDir /home/user/user-www/ as /

-----

Collected 5 local pages and 0 remote pages.
-----

No search boxes used
using working-directory '/home/user/user-www' to locate dictionaries

This is glimpseindex version 4.1, 1997.

Indexing "/home/user/user-www/.archives /.archives" ...
Indexing "/home/user/user-www/index.html /index.html" ...
Indexing "/home/user/user-www/949947165 /949947165" ...
Indexing "/home/user/user-www/.sitecache /.sitecache" ...
Indexing "/home/user/user-www/counter-test.html /counter-test.html" ...

Size of files being indexed = 1108 B, Total #of files = 4

Index-directory: "/home/user/user-www"
Glimpse-files created here:
```

2. Review the output. Select the **Back to Search Engine Manager** link at the bottom of the page.

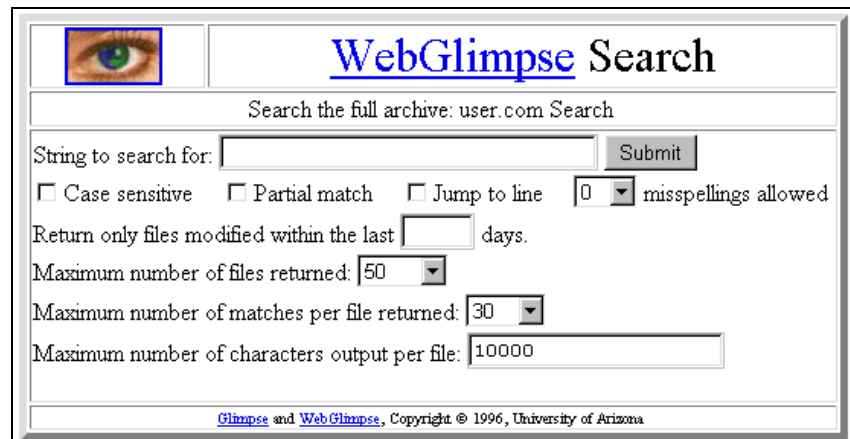
Testing the Search Engine

Once the Search Engine has been installed and configured on your site, you may wish to test it to make sure it is functioning correctly.



How To Test the Search Engine on Your Site:

1. From the Search Engine Manager, select the link to the file on your site under the section **4) Test using your new search engine**. A new page appears featuring the WebGlimpse search engine tool for your site.



The image shows the WebGlimpse Search interface. It features a search box with a "Submit" button, several checkboxes for search options (Case sensitive, Partial match, Jump to line), a dropdown for "misspellings allowed" (set to 0), and input fields for "Return only files modified within the last" (days), "Maximum number of files returned" (50), "Maximum number of matches per file returned" (30), and "Maximum number of characters output per file" (10000). A copyright notice at the bottom reads "Glimpse and WebGlimpse, Copyright © 1996, University of Arizona".

2. Try testing the utility by entering a search string for a piece of text you know to be in a file on your site. Click on the **Submit** button. A results page appears. You can try changing the various settings available in the WebGlimpse tool, then performing other searches to verify how those settings affect the search.

Removing the Search Engine



How To Remove WebGlimpse from Your Site:

1. From the Control Panel, select the **Search Engine** icon. If Web Glimpse is installed on your site, the Search Engine Manager displays indicating WebGlimpse is installed.

Search Engine Manager

The Search Engine Manager will allow you to do the following:

- 1) Install or Remove Webglimpse from your site.
- 2) Update the contents of your Webglimpse search (do this after changing your site).
- 3) Configure the directories that you would like included in searches.
- 4) Test using your new search engine.

1) Webglimpse is currently installed.

To remove webglimpse from your domain, click:

2) Re-index the contents of your Webglimpse search here.

To re-index search pages click:

3) Configure the directories that you would like included in searches.

To configure Webglimpse searchable directories, click:

4) Test using your new search engine.

To test your webglimpse search click here: <http://user.com/wgindex.html>

2. Click on the **Remove WebGlimpse** button. A message appears indicating that WebGlimpse will be removed from your site within approximately ten minutes.