

# Site Searcher Web Part

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## WHAT'S NEW

### V1.0.0.0a

- Minor bug fixes

### V1.0.0.0

- Initial Release

## INSTALLATION

- 1) Copy SiteSearcher.cab to a local directory on your SharePoint server.
- 2) Run stsadm.exe to register the web part the way you like:  
e.g.:  
STSADM.exe -o addwppack -filename C:\WebParts\SiteSearcher.cab -globalinstall  
Please consult your SharePoint documentation or the command line help  
(stsadm.exe -?) for more information about installing web parts with stsadm.exe.
- 3) Restart IIS (e.g. by running iisreset.exe)

## UPGRADE FROM A PREVIOUS VERSION

The upgrade process of a web part consists of three steps:

- 1) Delete the old web part version.
- 2) Install the new version.
- 3) Configure an assembly redirect.

Those three steps are described in the following paragraphs.

- 1) Delete the old web part version:

stsadm.exe -o deletewppack -name SiteSearcher.cab

Check if the web part was properly deleted:

- Check stsadm -o enumwppacks --> SiteSearcher should not be listed anymore.
- Check the GAC (global assembly cache) under C:\Windows\assembly: there should not be any SiteSearcher reference.
- Check the web part catalogs of your virtual servers (e.g. C:\inetpub\wwwroot\wpcatalog): there should not be any .dwp of SiteSearcher.

- 2) Install the new version of SiteSearcher as described in the INSTALLATION section:

- Run stsadm.exe to register the web part the way you like:

e.g.:

STSADM.exe -o addwppack -filename C:\WebParts\SiteSearcher.CAB -globalinstall

Please consult your SharePoint documentation or the command line help

(stsadm.exe -?) for more information about installing web parts with stsadm.exe.

- Restart your web services with iisreset.exe

If you don't have installed instances of the old Site Searcher version on your pages, that's it, you're done.

If you do have installed instances, please continue with step 3.

3) Add a reference of your -old- version of SiteSearcher in the <SafeControls> section of web.config. E.g. if your previous version was 0.9.0.0:

```
<SafeControl Assembly="ADVIS.WebParts.SiteSearcher, Version=0.9.0.0, Culture=neutral,
PublicKeyToken=2fb4ce642a9762e6" Namespace="ADVIS.WebParts" TypeName="*" Safe="True"
/>
```

If you don't add this entry, you will get an error message when trying to open a page containing this old version of SiteSearcher.

4) Configure an assembly redirection

"Assembly redirection" means, that every "old" V0.9.0.0 instance of SiteSearcher on your SharePoint pages will be redirected to the new version 1.0.0.0. You don't need to configure an assembly redirection if there are no instances of the Site Searcher web part configured on a page.

- Start the Microsoft .NET Framework 1.1 Configuration tool (you'll find it in the "Administrative Tools" of your SharePoint server)
- In the "Configured Assemblies" section, view the list of configured assemblies.
  - > If SiteSearcher is already in the list...
    - open it's property settings
    - Select the "Binding Policy" tab
    - Enter "0.0.0.0-0.9.0.0" in the "Requested Version" column
    - Enter "1.0.0.0" in the "New Version" column
    - Ensure that there are no other redirection rows configured
    - Click Apply and OK
  - > If SiteSearcher is not in the list...
    - choose Add... from the context menu
    - Select "Choose an assembly from the assembly cache" and click "Choose Assembly..."
    - Select ADVIS.WebParts.SiteSearcher in the list
    - Click Finish
    - Select the "Binding Policy" tab
    - Enter "0.0.0.0-0.9.0.0" in the "Requested Version" column
    - Enter "1.0.0.0" in the "New Version" column
    - Click Apply and OK

## USAGE

### Free vs. Full Version

The only difference between the free demo and the full version of SiteSearcher is, that the free demo always shows a copyright notice as the #1 search result and at the bottom of the web part.

### Platform

Site Searcher runs on:

- Microsoft Windows SharePoint Services 2.0 with Microsoft SQL Server 2000
- (Microsoft Office SharePoint Portal Server 2003 with MS SQL Server 2000)\*

\* Actually, ADVIS Site Searcher does run on SharePoint Portal Server 2003, but you will probably prefer to use the portal search, which is much more enhanced as the WSS search.

### Known Limitations

ADVIS Site Searcher relies on the built-in Windows SharePoint Services search, which in turn requires the Standard or Enterprise Edition of Microsoft SQL Server as the underlying database. Site Searcher will not work on WSS systems running with the MSDE version of SQL Server.

### Overview

ADVIS Site Searcher is a customizable Windows SharePoint Services site searching web part. While the default search mechanism of WSS only searches the current site, ADVIS Site Searcher searches the current site and all its subsites.

You have two options to use the ADVIS Site Searcher web part:

- 1) Place the SiteSearcher web part on a web part page and set its properties according to your preferences.
- 2) Edit the standard WSS search page searchresults.aspx to include SiteSearcher as the search component.

We included such a customized, ready to use searchresults.aspx page in the download package. The section "Customizing the standard WSS search page with SiteSearcher" below provides more information on using this page.

SiteSearcher can be feeded with a search string in three ways:

- 1) Submitting the search string by filling out the search box  
This is the simplest and most common use of Site Searcher. A user enters the search string in the web parts search box and clicks on the search button.

- 2) Submitting the search string by using http POST  
 On the calling page, implement a form containing an input box named "SearchString".  
 e.g.  

```
<form action="SiteSearcherPage.aspx" id="SearchForm" name="SearchForm">
  <input name="SearchString" type="text"> <input type="submit" value="Search">
</form>
```
- 3) Submitting the search string by using http GET  
 Call the page containing the SiteSearcher web part and provide the search string in a parameter value called "SearchString".  
 e.g.  
<http://myserver/SiteSearcherPage.aspx?SearchString=sharepoint>

### Customizing the standard WSS search page with SiteSearcher

If you use the out-of-the-box WSS site search box which is at the top right of every page, SharePoint calls the page `_layouts/Languageld/searchresults.aspx` to get the search results. You can customize this search results page to use the SiteSearcher web part and, thus, provide a multi level search to your users.

We included a ready to use customized searchresults.aspx page in English (1033) and German (1031) in the download zip package. To use these pages, do the following:

- 1) Locate your searchresults.aspx page.  
 The default location of this file in an English installation is:  
 C:\Program Files\Common Files\Microsoft Shared\web server extensions\60\TEMPLATE\LAYOUTS\1033
- 2) Make a backup copy of the original searchresults.aspx file.
- 3) Copy the searchresults.aspx from the correct language folder in the zip package to the `...LAYOUTS\10xx` folder located above.
- 4) Edit the new searchresults.aspx page by using your favourite text editor to set SiteSearcher's properties the way you want. Consult the next section for details about these properties.

## Web Part Properties

### Site Searcher Settings

In this tool pane section are the main properties of Site Searcher.

#### *Limit Number of Results*

Property name: LimitResults

Description: The maximal number of results to return. Enter 0 to return all results (no limit).

Values: <integer>

Default value: 0

#### *Default Value for Search Subsites*

Property name: SearchSubsitesDefault

Description: Default value for the [Search Subsites] setting.

Values: <true|false>

Default value: true

#### *Default Value for Search Documents*

Property name: SearchDocumentsDefault

Description: Default value for the [Search Documents] setting.

Values: <true|false>

Default value: true

#### *Default Value for Search List Items*

Property name: SearchListItemsDefault

Description: Default value for the [Search List Items] setting.

Values: <true|false>

Default value: true

### *Default Value for Show Full Site Path*

*Property name:* ShowFullPathDefault

*Description:* If you set this to true, SiteSearcher shows the full site path in the site titles of the search results.

*Values:* <true|false>

*Default value:* false

### **Site Searcher Localization**

The properties in this section can be used to localize the Site Searcher web part.

### *Search Button Tooltip*

*Property name:* SearchButtonTooltip

*Description:* Tooltip to show when hovering over the search button.

*Values:* [string]

*Default value:* "Search"

### *<Search Subsites> Checkbox Text*

*Property name:* SearchSubsitesCheckboxText

*Description:* Caption of "Search Subsites" checkbox.

*Values:* [string]

*Default value:* "Search Subsites"

### *<Search Documents> Checkbox Text*

*Property name:* SearchDocumentsCheckboxText

*Description:* Caption of "Search Documents" checkbox.

*Values:* [string]

*Default value:* "Search Documents"

### *<Search List Items> Checkbox Text*

*Property name:* SearchListItemsCheckboxText

*Description:* Caption of "Search List Items" checkbox.

*Values:* [string]

*Default value:* "Search List Items"

### <Show Full Site Path> Checkbox Text

*Property name:*ShowFullPathCheckboxText

*Description:* Caption of "Show Full Site Path" checkbox.

*Values:* [string]

*Default value:* "Show Full Site Path"

### <Search Results> Text

*Property name:*SearchResultsText

*Description:* Text to show for "Search Results". Use <\*> to include the query string in your text.

*Values:* [string]

*Default value:* "Search results for <\*>:"

### <Nothing Found> Text

*Property name:*NothingFoundText

*Description:* Text to show if no search results were found. Use <\*> to include the query string in your text.

*Values:* [string]

*Default value:* "Nothing found matching your query <\*>"

### <Show all> Text

*Property name:*ShowAllText

*Description:* Text to show for the <show all> link. Use <\*> to include the corresponding web title in your text.

*Values:* [string]

*Default value:* ">show all results from <\*>"

### <Documents> Header

*Property name:*DocumentsHeaderText

*Description:* Header text for "Documents".

*Values:* [string]

*Default value:* "Documents:"

### <List Items> Header

*Property name:*ListItemsHeaderText

*Description:* Header text for "List Items".

*Values:* [string]

*Default value:* "List Items:"

## FREQUENTLY ASKED QUESTIONS

**Q** I have installed the SiteSearcher web part and added it to my WSS team site. After entering search data and clicking the search icon, nothing appears to happen except that the following text is presented below the application:

Request for the permission of type Microsoft.SharePoint.Security.SharePointPermission, Microsoft.SharePoint.Security, Version=11.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c failed. in mscorlib

Can you help me determine why the application is not working as expected?

**A** SiteSearcher needs some rights to perform the search.

You can...

...either install the web part in the GAC (stsadm -o addwppack ... -globalinstall)

...or set the trust level of your virtual server to at least WSS\_Medium

(by editing the line <trust level="WSS\_Minimal" originUrl="" /> in web.config)

...or (bad...) edit the security policy file C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\60\config\wss\_minimaltrust.config to include the rights for SharePointPermission.

**Q** Hi! I was curious to know if this search recognizes cross-site groups. I have a scenario in which there are 3 sub sites of a parent site. Some members have access to different document libraries on each of the subsites, and these member are assigned their permissions via cross-site group permissions. In other words, member A of sub site A, may have permission to see the contents of a document library on sub site B. While testing the search across all sub sites, it would appear that the search does not recognize these cross-site permissions. Is there some configuration setting to control this? Or does the search ignore cross-site groups? Any info you can provide is appreciated!

**A** Site Searcher is based on the out-of-the-box WSS full text search. In the web part itself, we do check the permissions on site level. But everything below site level is handled by the WSS search and we can't affect this. It's possible that the WSS search disregards cross site groups :-( (Actually I never checked this.)

**Q** Can this search engine handle boolean and full-text searching of documents?

**A** For everybody looking for boolean searches, here are Derek's instructions on how to enable this:

- Get into your Windows Sharepoint Services (WSS) box
- Fire up SQL Enterprise Manager
- Work your way down to your database(s) for Sharepoint
- Open your Sharepoint database and then open the Stored Procedures for the database
- To enable Boolean for document libraries, look for the stored procedure called "proc\_FetchDocSearchResults"
- Make a backup of the procedure (I just right-clicked, selected copy and pasted it into a Notepad document).
- Right-click on the stored procedure and select "Properties"
- You'll get a window with the procedure outlined. Make the following changes:
  - Add the following two lines to the procedure before the line "SET NOCOUNT ON":  
 DECLARE @CustSearchTerm nvarchar(255)  
 SET @CustSearchTerm = "" + @SearchTerm + ""
  - Find the word "FreeTextTable" and replace it with "ContainsTable"
  - In the same line change the variable "@SearchTerm" to "@CustSearchTerm"
- Hit Apply & OK
- To enable Boolean for lists, look for the stored procedure called "proc\_FetchListItemSearchResults"
- Make a backup of the procedure
- Right-click on the stored procedure and select "Properties"
- Make the same changes in Step #8 above – HOWEVER, note that there are MULTIPLE OCCURRENCES (three to be exact) of FreeTextTable and @SearchTerm. You need to change ALL THREE OCCURRENCES.
- Hit Apply & OK.
- Repeat for each Sharepoint database you may have

- Close the Enterprise Manager
- Run IISRESET

Note that the new search only supports and/or but that's all I really need. And it will ONLY work if you actually specify and/or in your search (i.e. "testing AND tips" rather than "testing tips").

- Q I'm very interesting about your site searcher webpart but I don't know if my configuration allows search in my system. In fact, I'm using SharePoint portal server with MSDE database and it means that I can't realize search without SQL server.  
So, can i use your WebPart if my SharePoint database is a MSDE system?
- A As our SiteSearcher web part is based on the built-in WSS search and this is based on the full-text search of SQL Server, SiteSearcher does NOT work with MSDE.
- Q My SharePoint language is Italian (1040), and I tried to replace the 1033 searchresults.aspx page, but isn't correct... can you suggest me a right way to modify my Italian searchresults.aspx page?  
Can you help me, please?
- A The easiest way to change your searchresults.aspx would be to open your 1040-version and our 1033-version side-by-side and do the changes in your 1040-version by using our 1033-version as template...
- Q Is there a way to search the content stored in the content editor webpart? I know that this content is probably part of the page and stored in the database. But I was wondering if there was a workaround for it.. perhaps with the Site Searcher web part.
- A No, Site Searcher doesn't search Content Editor's texts. Site Searcher is based on the standard search mechanism of WSS.