

# Site Navigator Web Part

---

Version: 1.5.1.0a  
Date: 04.07.2005

## CONTENT

LICENCE AGREEMENT	2
LICENSE GRANTS (Full Version)	2
LICENSE GRANTS (Demo Version)	2
LICENSE RESTRICTIONS	2
LIMITATION OF LIABILITY	3
WHAT'S NEW	4
INSTALLATION	6
UPGRADE FROM PREVIOUS VERSIONS	6
USAGE	8
Free vs. Full Version	8
Platform	8
Known Limitations	8
Overview	8
Web Part Properties	8
FREQUENTLY ASKED QUESTIONS	19

Comments and feedback are always welcome.  
Please use our forums at <http://sharepoint.advis.ch> or - in case you don't want to post your message publicly - email us to [webparts@advis.ch](mailto:webparts@advis.ch).

©2005 ADVIS AG, Switzerland, <http://www.advis.ch>

## LICENCE AGREEMENT

YOU USE THIS PIECE OF SOFTWARE ON YOUR OWN RESPONSIBILITY

ADVIS reserves the right not to be responsible for any damage caused by the use of this software.

BY INSTALLING AND USING THE SOFTWARE, YOU ARE CONFIRMING YOUR ACCEPTANCE OF THE SOFTWARE AND AGREEING TO THE TERMS OF THE LICENSE AGREEMENT.

### IMPORTANT:

THIS SOFTWARE LICENSE AGREEMENT IS A LEGAL AGREEMENT BETWEEN YOU (EITHER AN INDIVIDUAL OR A SINGLE ENTITY) AND ADVIS AG. READ IT CAREFULLY BEFORE INSTALLING AND USING THE SOFTWARE. BY INSTALLING AND USING THE SOFTWARE, YOU ARE CONFIRMING YOUR ACCEPTANCE OF THE SOFTWARE AND AGREEING TO THE TERMS OF THIS LICENSE AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS LICENSE AGREEMENT, THEN DO NOT INSTALL THE SOFTWARE.

### LICENSE GRANTS (Full Version)

The SITE NAVIGATOR Web Part is licensed **per SharePoint server farm**. This means that this licence grants you the right to install the SITE NAVIGATOR web part on an unlimited number of SharePoint servers, as long as these servers belong to the same SharePoint server farm. On these servers, it can be used on an unlimited number of sites, areas and pages and by an unlimited number of users. Your license rights under this license agreement are non-exclusive. In the event that you fail to comply with this license agreement, ADVIS may terminate the license and you must destroy all copies of the Software.

### LICENSE GRANTS (Demo Version)

The demo version of the SITE NAVIGATOR Web Part can be freely copied, installed and used on as many servers and by as users as you want. Your license rights under this license agreement are non-exclusive. In the event that you fail to comply with this license agreement, ADVIS may terminate the license and you must destroy all copies of the Software.

### LICENSE RESTRICTIONS

The granted permission is subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software.
2. The software may not be included in any part of commercially available software packages which are sold for any value.
3. The software may not be merged, modified, adapted, translated or altered in any form.
4. The software may not be disassembled, inherited, decompiled, reverse engineered, or otherwise broken down to determine source code origin and alter source code logic.

## LIMITATION OF LIABILITY

This software (SITE NAVIGATOR Web Part) is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software. ADVIS provides no guaranteed technical support for the software aside from the forums on the web site <http://sharepoint.advis.ch>.

## WHAT'S NEW

### Version 1.5.1.0a

- Corrected a bug in the parent site detection routine.
- Thanks for your support, Shmuel!

### Version 1.5.1.0

- After several users reported problems when using Site Navigator on a non-portal virtual server root, we reworked the whole root site scanning process. The anchor property setting in Site Navigator now clearly differs between a regular site collection root and a virtual server root. In previous versions we tried to figure this out in code - but obviously that didn't work as expected.
- Added two new properties: ShowServerIcon and CustomServerIcon. These are related to the fix described above.
- Performance enhancements.
- New license agreement.

### Version 1.5.0.0

- New feature: impersonation as another user to scan the site tree.

### Version 1.4.0.0 (version not publicly released)

- Problem fixed: if you had more than 50 sites on the root level, the listing of those sites was truncated randomly.

### Version 1.3.5.0

- New function: Site Navigator can show a search box on top of the navigation tree which lets you quickly find sites in the tree.

### Version 1.3.0.0

- Site navigator is now capable to show all sites of a portal root site, if the current user has the necessary access rights.
- Site Navigator now shows also the libraries and lists of the sites in the tree.
- You can even specify that you want to see the number of items in the libraries and lists.
- New property to show/hide the site tree. This can be used if you want to show only the libraries and lists of the current site.
- New property to show/hide the site descriptions.
- New property to specify the number of tree levels to expand by default.
- New property to specify that site links should be opened in a new browser window.
- New property to specify a custom "access denied" message.
- New styles to use.
- The code of Site Navigator 1.3.0.0 was completely redesigned to better allow further enhancements like caching or searching possibilities.
- Site Navigator now renders a preview and a design view.

Version 1.2.0.0

- Several internal enhancements only.

Version 1.1.0.0

- Site Navigator now supports multiple root anchors.
- DefaultViewState: Using this new property, you can specify if the tree(s) should be expanded or collapsed by default.
- Changed several style settings, so Site Navigator now can be used even on the portal site.
- Corrected a problem when multiple Site Navigators were used on the same page.

V1.0.0.0

- Initial Release

## INSTALLATION

- 1) Copy SiteNavigator.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\SiteNavigator.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)

The Site Navigator web part is now installed. You can find and use it in the Virtual Server Gallery of your SharePoint server.

## HASHER

See the "Usage of the impersonation feature" section later in this document for details on how to use the impersonation feature and hasher.exe.

## UPGRADE FROM PREVIOUS VERSIONS

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 SiteNavigator.cab  
Check if the web part was properly deleted:
  - Check stsadm -o enumwppacks --> SiteNavigator should not be listed anymore.
  - Check the GAC (global assembly cache) under C:\Windows\assembly: there should not be any SiteNavigator reference.
  - Check the web part catalogs of your virtual servers (e.g. C:\inetpub\wwwroot\wpcatalog): there should not be any .dwp of SiteNavigator.
- 2) Install the new version of SiteNavigator 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\SiteNavigator.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

### 3) Configure an assembly redirection

"Assembly redirection" means, that every "old" V1.0 or V1.1 instance of Site Navigator on your SharePoint pages will be redirected to the new version 1.3.0.0.

- 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 Site Navigator is already in the list...
    - open it's property settings
    - Select the "Binding Policy" tab
    - Enter "1.0.0.0-1.2.0.0" in the "Requested Version" column
    - Enter "1.3.0.0" in the "New Version" column
    - Ensure that there are no other redirection rows configured
    - Click Apply and OK
  - > If Site Navigator is not in the list...
    - choose Add... from the content menu
    - Select "Choose an assembly from the assembly cache" and click "Choose Assembly..."
    - Select ADVIS.WebParts.SiteNavigator in the list
    - Click Finish
    - Select the "Binding Policy" tab
    - Enter "1.0.0.0-1.2.0.0" in the "Requested Version" column
    - Enter "1.3.0.0" in the "New Version" column
    - Click Apply and OK

## USAGE

### Free vs. Full Version

The only difference between the free and the full version of Site Navigator is that the free version shows a copyright notice at the bottom of the navigation tree.

### Platform

Site Navigator runs on:

Microsoft Windows SharePoint Services 2.0

Microsoft Office SharePoint Portal Server 2003

### Known Limitations

The main problem we are aware of is that Site Navigator needs quite a bit of time to build the navigation tree if there are many sites to scan. It seems that the querying of the SharePoint site and web objects isn't really fast. We addressed this issue by redesigning the code for better speed and prepare it for caching.

If you specify a portal root or virtual server root as anchor, users that are not non portal owners or server administrators get an access denied when they try to view the navigation tree. This problem is caused by the underlying SharePoint object model. If you want to use Site Navigator to show all the sites of a SharePoint Portal root, use the impersonation feature to impersonate as a user with the necessary rights.

### Overview

ADVIS Site Navigator is a customizable, Explorer-like SharePoint site navigation web part. The current site is highlighted, sites where the current user has no access to, are not shown. Site Navigator can be placed on a site or a portal area. But as it is built to show SITES (and not areas) you have to specify a site url as anchor if you use it on an portal area.

### Web Part Properties

Place the Site Navigator web part on the page you want.

Set the web part properties according to your preferences.

Site Navigator's properties are divided in four tool part sections:

- Site Navigator Settings  
This section contains all the main settings of Site Navigator
- Site Navigator Icons  
This section contains all customizable icon settings of Site Navigator

- Site Navigator Messages  
This section contains all customizable messages of Site Navigator
- Site Navigator Styles  
This section contains all CSS class references

### Usage of the impersonation feature

Site Navigator lets you specify another user account to scan the site hierarchy. This feature is especially useful if you want to use Site Navigator to show the sites of a SharePoint portal root and you want to avoid access denied messages to pop up at your user's screens. Because we don't like clear text user names and passwords in configuration files, Site Navigator uses a hashed string of the impersonation user's credentials. This credentials hash is created with hasher.exe which is included in the download package.

Perform the following 4 steps to implement and use impersonation:

- 1) Identify a user account with the necessary access rights to read and list the sites of a (portal) server root.
- 2) Use hasher.exe to create a hashed string of this users credentials:
  - Start hasher.exe
  - Enter user name, password and domain of the impersonation user
  - Click on "Get Hash" to get the hashed credentials string. The hashed string is shown in the "Credentials hash" field and copied to the clipboard when you click on "Get Hash".
- 3) Add the hashed credentials to machine.config or web.config:
 

Open machine.config or web.config depending on if you want to configure the impersonation for the whole physical server (machine.config) or per virtual server (web.config). machine.config is located at C:\WINDOWS\Microsoft.NET\Framework\v1.1.4322\CONFIG, web.config is located at the root directory of your web site.

Add the following line in the <appSettings> section:

```
<add key="NavigationCredentials" value="your-generated-credentials-hash" />
```

Caution: You probably have to uncomment the <appSettings> section!

This part of machine.config should now look something like this:

```
...
</configSections>
<appSettings>
<add key="NavigationCredentials" value="your-generated-credentials-hash" />
</appSettings>
...
```
- 4) Set SiteNavigators impersonation properties:
 

On the page containing Site Navigator edit Site Navigator's properties:

  - Set "Impersonation" to "on" (true)
  - Ensure that the "CredentialsKey" matches the key name (key=...) specified in step 3 above.

## Site Navigator Property Settings

### Navigation Anchor(s) (URL)

*Property name:*Anchor

*Description:* URL or URLs of the site(s) where Site Navigator should "anchor" the navigation tree(s).

- Leave empty for the site collection root site of current site
- Set to "." to specify the current site as anchor
- Prepend an asterix (\*) to specify that this anchor should be interpreted as a virtual server root or portal server root.

E.g. "\*" sets the anchor to the current server root and lists all site collections on this server.

-----  
**CAUTION**

A user needs to be server administrator or virtual server owner to list all the site collections of a virtual server!

- 
- Use server relative urls whenever possible (i.e. "/mysite")
  - Use absolute urls only if necessary ("http://...")
  - You can enter multiple roots, separated by ";" (semicolon)  
e.g. "/sites/site1;/sites/site2;/sites/site3" (without the quotes)

*Values:* [valid url 1][;<valid url 2>][;<valid url 3>]...

*Default value:* empty --> Site Navigator uses the ROOT site of current site as anchor

### Impersonation

*Property name:*Impersonation

*Description:* Use this property to specify that Site Navigator should use another user account to scan the site tree ("impersonate as another user"). See the "Usage of the impersonation feature" section earlier in this document for details on how to use the impersonation feature.

*Values:* <true|false>

*Default value:* false

### Credentials Key

*Property name:*CredentialsKey

*Description:* Name of the application settings key in web.config or machine.config, containing the hashed credentials of the impersonation user account. See the "Usage of the impersonation feature" section earlier in this document for details on how to use the impersonation feature.

*Values:* <string>

*Default value:* "NavigationCredentials"

### Show Site Navigation Tree

*Property name:*ShowRoot

*Description:* Specifies, if the root site (anchor site) should be shown in the navigation tree

*Values:* <true|false>

*Default:* true

### Show Navigation Root

*Property name:*ShowRoot

*Description:* Specifies, if the root site(s) (anchor sites) should be shown in the navigation tree

*Values:* <true|false>

*Default:* true

### Show Site/List Descriptions

*Property name:*ShowDescriptions

*Description:* Setting this property to true causes Site Navigator to show the site and list descriptions in the navigation tree. The descriptions are shown right of the site/list titles. You can specify your own CSS class for the description text in the property ClassDescriptions.

*Values:* <true|false>

*Default:* false

### Show Documents and Lists

*Property name:*ShowLists

*Description:* Use this property to specify if and how document libraries and lists should be shown by Site Navigator.

*Values:* <DontShow|ShowCurrentAtBottom|ShowAllInTree>

DontShow : Don't show any lists or document libraries

ShowCurrentAtBottom : Show only the document libraries and lists of the current site at the bottom of the navigation tree

ShowAllInTree : Show the document libraries and lists of every site integrated in the navigation tree

CAUTION: Using ShowAllInTree can be a time consuming option if you have lots of libraries and lists!

*Default:* DontShow

### Show Number of Items

*Property name:*ShowNumberOfItems

*Description:* Setting this property to true and the property ShowLists to ShowCurrentAtBottom or ShowAllInTree causes Site Navigator to show the number of items in a library or list behind the list title.

*Values:* <true|false>

*Default:* true

### Open Links in New Window

*Property name:*OpenInNewWindow

*Description:* Setting this property to true causes Site Navigator to create site links that - when clicked - open in a new browser window.

*Values:* <true|false>

*Default:* false

### (Default Root Tree View State)

*\*\*\* This property is no longer used and isn't displayed in the tool pane. It is still implemented only for backward compatibility. Use the property ExpandLevel to specify if Site Navigator should be expanded or collapsed by default. \*\*\**

*Property name:*DefaultViewState

*Description:* Expand See comment \*\*\*

*Values:* <expanded|collapsed>

*Default:* expanded

### Tree Expansion Level

*Property name:*ExpandLevel

*Description:* With this property you can specify up to which level (depth) Site Navigator should expand the tree by default. Use 0 to collapse it completely, e.g. 99 to expand it completely (assuming that you don't have a navigation structure that is more than 99 levels deep...;-)

*Values:* <integer>

*Default:* 1

### **Indentation of Sublevels (pixels)**

*Property name:*Indent

*Description:* Indentation of the navigation levels in pixels

*Values:* <integer>

*Default:* 10

### **Indentation of Root (pixels)**

*Property name:*RootIndent

*Description:* Use this property if you want the whole navigation tree to be shifted to the right.

*Values:* <integer>

*Default:* 2

## **Site Navigator Icons**

### **Show Server Icons**

*Property Name:* ShowServerIcon

*Description:* Set to true (checked) if you want to show an icon on the left side of virtual server roots and portal roots.

*Values:* <true|false>

*Default:* true

### **Custom Server Icon URL**

*Property name:*CustomServerIcon

*Description:* Url of image file to be shown as server icon, if ShowServerIcon=true. Leave empty to use Site Navigators default icon (a "home" icon).

*Values:* <url to image>

*Default:* "" (empty)

### **Show Root Icons**

*Property name:*ShowRootIcon

*Description:* Set to true (checked) if you want to show an icon on the left side of site collection roots or the anchored sites.

*Values:* <true|false>

*Default:* true

### Custom Root Icon URL

*Property name:* CustomRootIcon

*Description:* Url of image file to be shown as root image, if ShowRootIcon=true. Leave empty to use Site Navigators default site icons (team site icon or meeting workspace icon).

*Values:* <url to image>

*Default:* "%wpressources%/home.gif"

### Show Subsite Icons

*Property name:* ShowSubIcons

*Description:* Set to true (checked) if you want to show an icon on the left side of subsites.

*Values:* <true|false>

*Default:* true

### Custom Subsite Icon URL

*Property name:* CustomSubIcons

*Description:* Url of image file to be shown as subsite image, if ShowSubIcons=true. Leave empty to use Site Navigators default site icons (team site icon or meeting workspace icon).

*Values:* <url to image>

*Default:* "" (empty)

### Navigation Icon for Collapsed Nodes

*Property name:* NavIconPlus

*Description:* Url of the image file which is shown on the left of collapsed navigation nodes (+).

*Values:* <url to image>

*Default:* "%wppresources%/plus.gif" (a small + sign, as in Windows Explorer)

### **Navigation Icon for Expanded Nodes**

*Property name:*NavlconMinus

*Description:* Url of the image file which is shown on the left of expanded navigation nodes (-).

*Values:* <url to image>

*Default:* "%wppresources%/minus.gif" (a small - sign, as in Windows Explorer)

### **Navigation Icon for Empty Nodes**

*Property name:*NavlconEmpty

*Description:* Url of the image file which is shown on the left of navigation nodes without any subnodes (.).

*Values:* <url to image>

*Default:* "%wppresources%/empty.gif" (a small . sign, as in Windows Explorer)

### **Navigation Icon Width**

*Property name:*NavlconWith

*Description:* Width of NavlconPlus, NavlconMinus and NavlconEmpty in pixels. This property is used to specify the "width" attribute of the <img> tag of the navigation icons, so Internet Explorer shows this pictures correctly even when they are changed dynamically.

*Values:* <integer>

*Default:* 9

### **Navigation Icon Height**

*Property name:*NavlconHeight

*Description:* Height of NavlconPlus, NavlconMinus and NavlconEmpty in pixels. This property is used to specify the "height" attribute of the <img> tag of the navigation icons, so Internet Explorer shows this pictures correctly even when they are changed dynamically.

*Values:* <integer>

*Default:* 9

## Site Navigator Messages

### No Access Message

*Property name:*NoAccessMessage

*Description:* Message that Site Navigator shows if a specified anchor url can't be accessed. This can happen if the current user doesn't has the necessary access rights, but also if the site doesn't exist. Use "[site]" (without the quotes) to show the URL which can't be accessed.

*Values:* <string>

*Default:* "Can't open [site]"

## Site Navigator Classes

### CSS Class Selected

*Property name:*ClassSelected

*Description:* CSS Class to be used for the selected navigation cell (the current site). Leave empty for Site Navigators default style. Specify ms-selectednav to use the MS default style. The style is applied on a <table> tag, so you can use any <table> style attributes.

*Values:* [CSS class]

*Default:* empty

### CSS Class Unselected

*Property name:*ClassUnselected

*Description:* CSS Class to be used for unselected navigation cell. Leave empty for Site Navigators default style. Specify ms-unselectednav to use the MS default style. The style is applied on a <table> tag, so you can use any <table> style attributes.

*Values:* [CSS class]

*Default:* empty

### CSS Class for List Type Headers

*Property name:*ClassListHeaders

*Description:* CSS Class to be used for the cells containing list type headers (e.g. "Document Libraries", "Surveys"). Leave empty for Site Navigators default style. The style is applied on a <table> tag, so you can use any <table> style attributes.

*Values:* [CSS class]

*Default:* empty

### CSS Class for Lists

*Property name:*ClassListItems

*Description:* CSS Class to be used for lists and libraries. Leave empty for Site Navigators default style. The style is applied on a <table> tag, so you can use any <table> style attributes.

*Values:* [CSS class]

*Default:* empty

### CSS Class for Site Titles

*Property name:*ClassTitles

*Description:* A single tree navigation row is implemented by Site Navigator as <table></table>. The title of the site or list is implemented as one <td> inside this table. The CSS Class specified in ClassTitles is applied to this <td>-tag containing the title of a site or list. Leave empty for Site Navigators default style. The style is applied on a <td> tag, so you can use any <td> style attributes. The common use of this style is to specify special font attributes for the title.

*Values:* [CSS class]

*Default:* empty

### CSS Class for Site Descriptions

*Property name:*ClassDescriptions

*Description:* A single tree navigation row is implemented by Site Navigator as <table></table>. The description of the site or list (if shown) is implemented as one <td> inside this table. The CSS Class specified in ClassDescriptions is applied to this <td>-tag containing the description of a site or list. Leave empty for Site Navigators default style. The style is applied on a <td> tag, so

you can use any <td> style attributes. The common use of this style is to specify special font attributes for the description.

*Values:* [CSS class]

*Default:* empty (the default style for descriptions specifies a grey color for the descriptions)

### *CSS Class for Number Of Items*

*Property name:* ClassNumberOfItems

*Description:* This CSS class is applied (with <span></span>) to the number of items in lists and libraries. Leave empty for Site Navigator default, which consists only of the attribute "font-size: smaller".

*Values:* [CSS class]

*Default:* Empty

## FREQUENTLY ASKED QUESTIONS

- Q Does anybody know if this navigator works on all browsers? Interesting for me are also MAC browsers!
- A SiteNavigator SHOULD be compatible with every browser that supports HTML 4. All we use is HTML, styles and JavaScript...
- Q How can I get the Site Navigator into the left part of every page/site/area? (Like you have as 'Sitemap' on this web site.) Also, when I am viewing the contents in my Site Navigator, how can I make it default to being expanded rather than collapsed. I don't want to click on the + signs to drill down.
- A To place a web part outside the web part zones you have to use FrontPage 2003 or edit the area/site template. Version 1.1 of Site Navigator offers a property to set the initial state (collapsed/expanded) of the first level of the navigation tree. Version 1.2 which comes out in September will have a property to let you specify the tree-level down to which the tree should be expanded by default.
- Q I installed Site Navigator but i don't see all lists under my Documents and Lists. Does this webpart work under different language packs?
- A Yes, it works with different language packs. But it shows only the libraries and lists which are marked with "Show on Quick Launch".
- Q I've tried setting the tree expansion level to 4, and 0 however it seems to have no effect on the number of nodes expanded by default. Is there anything else that i'm required to do?
- A Expansion level = 0 --> the tree is completely collapsed  
 1 --> the first level is expanded  
 2 --> the first and second is expanded  
 and so on...
- 99 --> the tree should be (hopefully) completely expanded
- Q Document libraries only appear under the 'Documents' node if they are created with the 'Display this document library on the Quick Launch bar' option selected. Is this the intended behavior of the webpart?
- A This way you can hide lists and libraries.
- Q I'm using an account on the domain that is only a member of the Domain Users and I get the error "". I can view the rest of the portal fine with this particular user, and the plug-in works ok if the user is added to the domain admins group. Have I missed something obvious that I'm supposed to do?
- A No, you missed nothing. A common user isn't allowed to enumerate the sites under a portal root. :-(
- Q We would like to display multiple roots from the portal level down to the individual site level on each site, such that all portals and sites are displayed no matter where the user is at any given time. We have tried "\*" and "../..", etc. but each setting only goes to the site root and no higher.
- What is the Navigation Anchor setting to display the portal root (i.e. http://myportal) from a WSS site (i.e. http://myportal/sites/mysite)?
- A \*/ shows all the top level sites of the current virtual server. Another possibility is to specify \*http://myportal
- Q I trying advice from previous discussion and replace  
`<SharePoint:Navigation LinkBarId="1002" runat="server"/>`
- with

```
<ADVIS:SiteNavigator runat="server" id="SiteNavigator" FrameType="none" />>
```

and get an error at page  
Unknown server tag 'ADVIS:SiteNavigator'.

**A** You have to edit two things:

Directly following the line "<%@ Page language=...", insert the following line:

```
<%@ Register Tagprefix="ADVIS" Namespace="ADVIS.WebParts" Assembly="ADVIS.WebParts.SiteNavigator,
Version=1.5.1.0, Culture=neutral, PublicKeyToken=2fb4ce642a9762e6"%>
```

This registers the web part on this page.

Then, the code to replace the default Quick Launch:

```
<ADVIS:SiteNavigator runat="server" FrameType="None" ShowLists="ShowCurrentAtBottom" />
```

This configures SiteNavigator to show the site tree and the lists and libraries of the current site. You can set the properties as you wish. Refer to the readme.txt file for the list of all properties.

**Q** I wish to replace the "Documents/Pictures/Lists/Discussions/Surveys" default navigation in the QuickLaunch area ("webpartpagenavbar"), and use SiteNavigator instead.  
So I updated the default.aspx of my template, removed the previous entries (ms-navwatermark and navigation described above), and substituted the following  

```
<ADVIS:SiteNavigator runat="server" id="SiteNavigator" FrameType="none" />
```

I receive the following error message:  
WebPart and WebPartZone controls must live in a runat='server' HtmlForm

I did not have this problem when I used AreaNavigator in the QuickLaunch zone of my portal.

What am I doing wrong?

**A** you have to do exactly what the error message says:  
put the SiteNavigator web part inside a server-side form.

Look for the line  

```
<form runat="server">
```

 in your source and move this line up, so it is before SiteNavigator and, thus, the web part is inside the form tags.