

Site Navigator V3 Web Part

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Document history

Version 3.0.0.2 / 05.10.2009

- Specified the standalone URL Property more precisely

Version 3.0.0.1 / 20.07.2009

- Corrected the description how to activate the feature

Version 3.0.0.0 / 07.07.2009

- WSS 3.0 and MOSS compatible Release

Version 2.0.0.5 / 31.05.2006

- Corrected an error on page 9. Thanks for reporting, Gjalt!

Version 2.0.0.4 / 14.01.2006

- New web part version 2.0.0.5441d

Version 2.0.0.3 / 03.12.2005

- New web part version 2.0.0.5441b
- Added information about the new trial license

Version 2.0.0.2 / 02.12.2005

- Corrected the web part version number from 2.0.0.5411a to 2.0.0.5441a
- Edited the whole section about the impersonation properties
- Added the ShowDebugMessages property description

Version 2.0.0.1 / 12.11.2005

- Corrected some typos (thanks for reporting!)
- Added the license activation instructions

Version 2.0.0.0 / 1.11.2005

- Initial release of this manual

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License Grants Single Server License

The SITE NAVIGATOR Web Part single server license grants you the right to install and use the SITE NAVIGATOR web part on one SharePoint server (physical server). On this server, the web part can be used on an unlimited number of virtual servers, sites, areas and pages and by an unlimited number of users.

License Grants Server Farm License

The SITE NAVIGATOR Web Part server farm license grants you the right to install and use the SITE NAVIGATOR web part on an unlimited number of SharePoint servers (physical servers), as long as these servers belong to the same SharePoint server farm. The term "SharePoint server farm" is defined in this context as a group of SharePoint servers, using the same SharePoint configuration database on the same database server. On these servers, the web part can be used on an unlimited number of virtual servers, sites, areas and pages and by an unlimited number of users.

License Grants Enterprise License

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License Grants Trial License

The SITE NAVIGATOR Web Part trial license grants you the right to install and use the SITE NAVIGATOR web part on an unlimited number of SharePoint servers (physical servers) within your company. On these servers, the web part can be used on an unlimited number of virtual servers, sites, areas and pages and by an unlimited number of users.

The trial license will expire at a specified date. After this date, the license becomes a free demo license.

License Grants Free Demo Version

The free demo version of the SITE NAVIGATOR Web Part can be freely copied, installed and used on as many servers and by as many users as you want.

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Free Demo vs. Licensed Full Versions

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

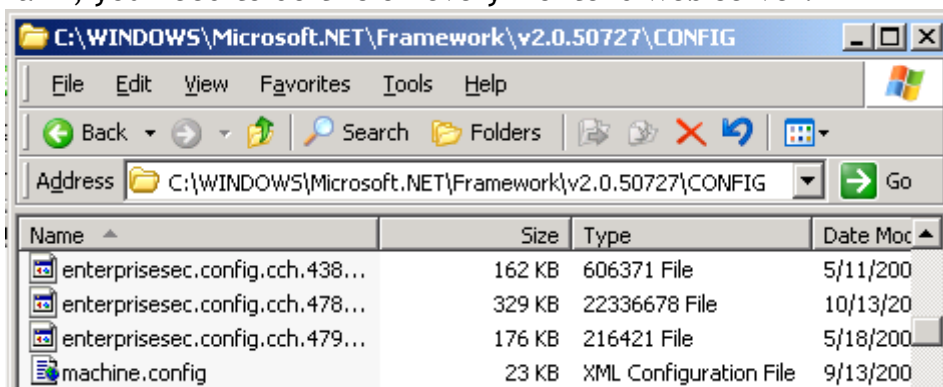
License Activation

Upon purchasing the web part, you will get a license code (activation code) from us. This license code has to be entered in the configuration file "machine.config" (or web.config) on every server the web part will be used. Here are some details on how to do this:

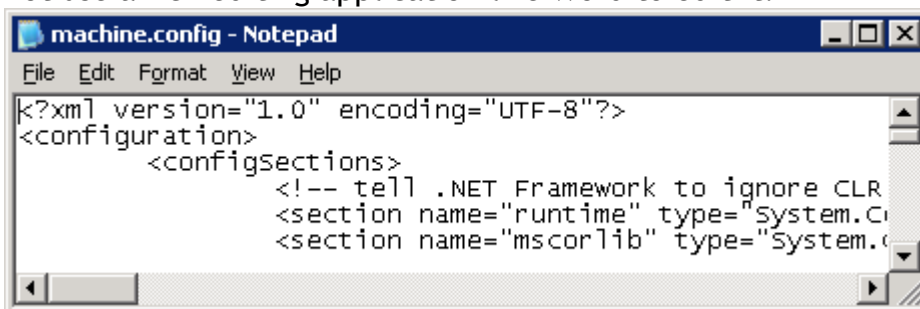
1. Upon purchasing, you will get a license code from us. This license code will look something like this:

FRtroYyaCsNb+7pNdEENJrLJ7/ZowUBuFHuyaV2oXBfinYrBm6IYMW7N+B1f46S5

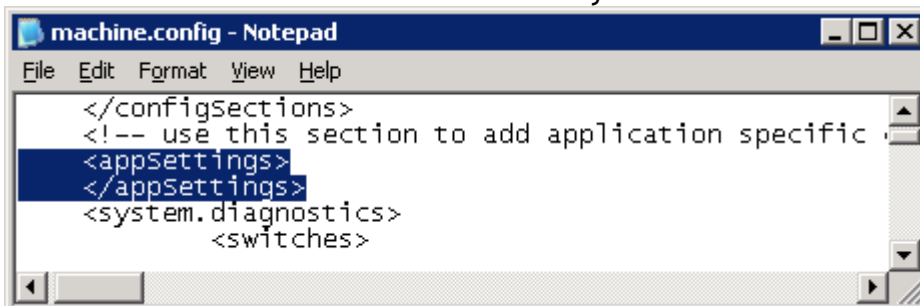
2. Locate the file machine.config on your SharePoint server. If you run a SharePoint server farm, you need to do this on every frontend web server.



3. Open machine.config with a text editor like Notepad. Machine.config is a plain text file. Do not use a rich editing application like Word to edit it!



4. Locate the <appSettings> section in machine.config. Make sure this section isn't commented out with <!-- ... --> as it is by default.



5. Insert a line like this:

```
<add key="ADVIS.WebParts.webpartname.Licensecode" value="liccode" />
```

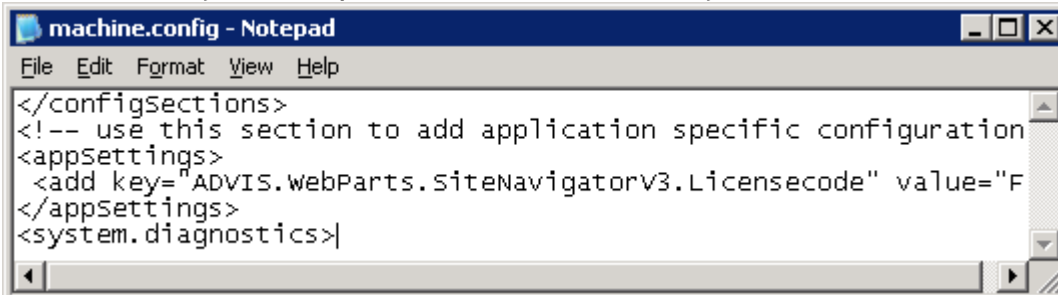
Replace webpartname with the actual name of the web part and liccode with the license code from step 1 above.

The valid web part name is SiteNavigatorV3.

An example of a valid line is:

```
<add key="ADVIS.WebParts.SiteNavigatorV3.Licensecode"
```

```
value="FRtroYyaCsNb+7pNdEENJrLJ7/ZowUBuFHuyaV2oXBfinYrBm6lYMW7N+B1f46S5" />
```



```
machine.config - Notepad
File Edit Format View Help
</configsections>
<!-- use this section to add application specific configuration
<appSettings>
  <add key="ADVIS.WebParts.SiteNavigatorV3.Licensecode" value="F
</appSettings>
<system.diagnostics>
```

6. Save and close machine.config.

64bit Server Versions:

You have to enter the license code in both machine.configs under \Framework\ and \Framework64\ to get rid of the Demo Version notice.

WHAT'S NEW

Version 3.0.0.2

- Support for anonymous access *new!*
- Different schemes supported for the standalone URL *new!*
- Minor bug fixes *improved*

Version 3.0.0.1

- Feature activation on site collection level *improved*

Version 3.0.0.0

- MOSS and WSS 3.0 compatible Release *new!*
- Complete Code redesign:
 - o PopulateOnDemand: Less timeouts (Load nodes only when expanded) *improved*
 - o New Properties: Change every Image and modify all style options of the Site Navigator Tree View *new!*

Platform

Site Navigator runs on:

Microsoft Windows SharePoint Services 3.0

Microsoft Office SharePoint Server 2007

32bit and 64bit Server Versions

INSTALLATION

If you're using MOSS you have to install this ADVIS.WebParts.SiteNavigator.MOSS.wsp solution file otherwise you have to install this ADVIS.WebParts.SiteNavigator.WSS.wsp solution file.

1) Copy ADVIS.WebParts.SiteNavigator.wsp to a local directory (E.g. C:\Solutions\ ADVIS.WebParts.SiteNavigator.wsp) on your SharePoint server.

2) Run stsadm.exe to install the solution:

```
>STSADM.exe -o addsolution -filename C:\Solutions\ ADVIS.WebParts.SiteNavigator.wsp
```

stsadm.exe is located at „C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\bin“. Please consult your SharePoint documentation or the command line help (stsadm.exe -?) for more information about installing solutions with stsadm.exe.

3) Restart IIS (e.g. by running iisreset.exe).

4) Go to your SharePoint Central Administration and open the “Operations”-Tab.

5) Under “Global Configuration” click “Solution management”.

6) Here you have to select the ADVIS.WebParts.SiteNavigator.wsp solution, then on the toolbar, click “Deploy Solution”.

7) Now you can choose when and where (which Web Application) you want to deploy the solution.

8) After deployment restart IIS (e.g. by running iisreset.exe).

The Site Navigator V3 Feature is now available on each Web Application where you have installed the solution.

Usage

Overview

ADVIS Site Navigator V3 is a customizable, Explorer-like SharePoint site, list and library navigation web part.

Activate Feature

To use the Site Navigator V3 Web Part you have to activate the Feature on every site where you want to use it.

- 1) Navigate to the site where you want to install the Web Part.
- 2) Open the “Site Settings”-Page and click under the “Site Administration” section on “Site Collection Features”.
- 3) Now you have to activate the “ADVIS Site Navigator V3”-Feature to add the Web Part to the Web Part Gallery.

Now you can place the web part on the site

- 1) Navigate back to your SharePoint site where you have activated the feature.
- 2) Add the web part on the page through “Site Actions - Edit Page” then “Add a Web Part” under “All Web Parts - Miscellaneous” select the ADVIS Site Navigator V3 Web Part and then click “Add”.

The Web Part

The Web Part displays the site hierarchy in a simple tree structure.

Thereby it gives you 3 different ways to display the site hierarchy (The display mode can be changed with the RootContext property as described in the Web Part Properties section).

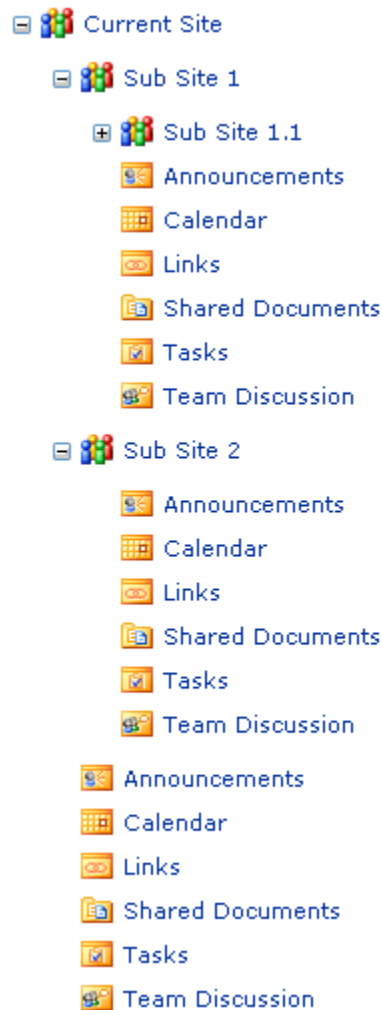
WebMode (Only display sub sites, lists and libraries of the current/specified site which are one level beneath):

- Sub Site 1
- Sub Site 2
- Announcements
- Calendar
- Links
- Shared Documents
- Tasks
- Team Discussion

SiteMode (Display all sub sites, lists and libraries of the current/specified site):

- Sub Site 1
 - Sub Site 1.1
 - Announcements
 - Calendar
 - Links
 - Shared Documents
 - Tasks
 - Team Discussion
- Sub Site 2
 - Announcements
 - Calendar
 - Links
 - Shared Documents
 - Tasks
 - Team Discussion
- Announcements
- Calendar
- Links
- Shared Documents
- Tasks
- Team Discussion

WebApplicationMode (Display all sub sites, lists, libraries and also the current/specified site (root) in the Site Navigator TreeView):



Additionally it is also possible to show the site structure of the current site (*DataSourceMode* in the Web Part Properties: *Integrated*), or to show the structure of another site (*DataSourceMode* in the Web Part Properties: *Standalone*) by specifying a *StandAloneUrl*.

You are able to select what kind of items the Site Navigator should display to the user. You can display Sites, Lists and Libraries (Here you can specify which lists and libraries should be shown, by changing the Options *OnlyShowLibrariesAndListsOnQuickLaunch* or *ShowHiddenLibrariesAndLists* in the Web Part Properties), Folders and for MOSS the My Site of the current User.

More information on how to customize the Site Navigator is described in the Web Part Properties Sections.

Web Part Property Reference

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 Images**
This section contains all customizable images of Site Navigator
- **Site Navigator Css**
This section contains all CSS class references
- **Site Navigator Treeview**
This section contains all settings of the Site Navigator Tree View

Site Navigator Settings

Data Source Mode

Property name: DataSourceMode

Description: Use current site as Root Site of the Tree View (Integrated) or use the Url of another site (Standalone).

Type: Enumeration

Values: <Integrated|Standalone>

Default value: Integrated

Standalone Url

Property name: StandaloneUrl

Description: If DataSourceMode equals Standalone, you have to specify the Standalone Url of a SharePoint site (Site Collection). It has to start with http:// or https://. The protocol get's automatically corrected if it doesn't match the current way of access.

Type: string

Values: "http://mySharePoint/sites/currentSite"

Default value: ""

Root Context

Property name: RootContext

Description: Change how the Tree is rendered.

Type: Enumeration

Values: <WebMode|SiteMode|WebApplicationMode>

Web Mode: Only show Sites and Lists of the current Site

Site Mode: Do not show RootSite/CurrentSite in the Tree

Web Application Mode: Show RootSite/CurrentSite in the Tree

Default value: WebMode

Use Impersonation

Property name: UseImpersoantion

Description: Use impersonation user to display all sites, lists and libraries in the tree.

Type: Boolean

Values: false|true

Default value: false

Impersonation User

Property name: ImpersonationUser

Description: User which has rights to read (all) sites, lists and libraries.

Type: string

Values: "Domain\User"

Default value: "Domain\User"

Show Sites

Property name: ShowSites

Description: Display sites in the Tree

Type: Boolean

Values: True|False

Default value: True

Show Libraries and Lists

Property name: ShowLibrariesAndLists

Description: Display Libraries and Lists in the Tree

Type: Boolean

Values: True|False

Default value: False

Show Hidden Libraries and Lists

Property name: ShowHiddenLibrariesAndLists
Description: Display Hidden Libraries and Lists in the Tree
Type: Boolean
Values: True|False
Default value: False

Only show Libraries and Lists on Quick Launch

Property name: OnlyShowLibraryAndListsOnQuickLaunch
Description: Only display Libraries and Lists which are visible on the QuickLaunch
Type: Boolean
Values: True|False
Default value: False

Show Folders in Libraries

Property name: ShowFoldersInLibraries
Description: Display Folders in the Tree
Type: Boolean
Values: True|False
Default value: False

Show My Sites (Only for MOSS)

Property name: ShowMySites
Description: Display My Site of the current logged in user
Type: Boolean
Values: True|False
Default value: False

Url Filter

Property name: UrlFilter

Description: Do not display Sites which are Filtered.

Type: string

Values: “/sites/TestSite;/sites/Test%20Site2” (Don’t use spaces after semicolon)

Default value: “”

Show Number of Items

Property name: ShowNumberOfItems

Description: Show number of items next to the Lists

Type: Boolean

Values: True|False

Default value: False

Show Number of Files

Property name: ShowNumberOfFiles

Description: Show number of files next to the Document Libraries

Type: Boolean

Values: True|False

Default value: False

Show Site Settings

Property name: ShowSiteSettigns

Description: Display Site Settings link next to the Sites. (Only for Site Admins)

Type: Boolean

Values: True|False

Default value: False

Navigate

Property name: Navigate

Description: Uncheck if you want to only display the Tree without possibility to Navigate.

Type: Boolean

Values: True|False

Default value: True

Show Tool Tips

Property name: ShowToolTips

Description: Show Description when you hover over a node.

Type: Boolean

Values: True|False

Default value: True

Show Images

Property name: ShowImages

Description: Display images next to the nodes

Type: Boolean

Values: True|False

Default value: True

Expand Depth

Property name: ExpandDepth

Description: How deep the Tree is expanded.

-1 = Fully expanded

0 = Collapsed

1 = 1 Level is expanded ...

Type: string

Values: -1, 0, 1 ...

Default value: 1

Target

Property name: Target

Description: Sets the target window or frame in which to display the Web page content that is associated with a node

Type: string

Values: _blank, _parent ...

Default value: ""

Write to Event Log

Property name: WriteToEventLog

Description: Check if you want to record errors in the Event Log, otherwise it will render out them directly to the user.

Type: Boolean

Values: True | False

Default value: False

Display Detailed Error Messages

Property name: DisplayDetailedErrorMessages

Description: Check if you don't want to write to the Event Log and if you want to display a more detailed error message (trace) to the user

Type: Boolean

Values: True | False

Default value: False

Site Navigator Images

To use custom images you have to copy them onto your SharePoint server.

(E.g. place it here: "C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\TEMPLATE\IMAGES" -> _layouts/images/....)

Property Name	Description (Image for ...)	Default Value *
Root Image	Image of the Root node	_layouts/images/stsicon.gif
Site Image	... all sites	_layouts/images/stsicon.gif
Folder image	... all folders	_layouts/images/folder.gif
My Site Image	... the my site	_layouts/images/stsicon.gif
Site Settings Image	... the site settings link	_layouts/images/ActionsSettings.gif
Generic List Image	... all Generic Lists	
Document Library	... all Document Libraries	
Survey Image	... all Surveys	
Links List Image	... all Link lists	
Announcements List	... all Announcements	
Contacts List Image	... all Contact lists	
Events list Image	... all Event lists	
Tasks List Image	... all Task lists	
Discussion Board	... all Discussion Boards	
Picture Library	... all Picture Libraries	
Data Source Image	... all Data Sources	
Site Template Gallery	... all Site Template Galleries	
Web Part Gallery	... all Web Part Gallery	
List Template Gallery	... all List Templates	
Xml Form Library	... all XML Libraries	
No Code Workflow Library	... all No code Workflow libraries	
Workflow Process List	... all workflow Process lists	
Web Page Library	... all Web Page Library	
Custom Grid for a List	... all custom Grids	
Data Connection	... all Data Connection	

Library Image	Libraries	
Workflow History List	... all Workflow History Lists	
Gantt Tasks List	... all Gantt Task Lists	
Meeting Series List	... all Meeting Series Lists	
Meeting Agenda List	... all Meeting Agenda Lists	
Meeting Attendees List	... all Meeting Attendees Lists	
Meeting Decisions List	... all Meeting Decision Lists	
Meeting Objectives List	... all Meeting Objective Lists	
Meeting Textbox	... all Meeting Textboxes	
Meeting Things to Bring List	... all Meeting Things to bring lists	
Meeting Workspace Page List	... all Meeting Workspace Page Lists	
Portal Sites List	... all Portal Site lists	
Issue Tracking	... all Issue Tracking Lists	
Personal Documents Library	... all Personal Document Libraries	
Private Document Library	... all Private Document Libraries	
Converted Forms Library	... all Converted Forms Libraries	
Master Page Catalog	... all Master Page Catalogs	
User Information List	... all User Information Lists	

* If not specified: It uses the default image from SharePoint

Site Navigator Css

You can customize every style option of the Tree View.

Property name	Description
Css Class	Css class of the TreeView Control
Hover node style	Css class of a node when hovered
Leaf node style	Css class of a node which has no children
Node style	Css class for all nodes
Parent node style	Css class for all nodes which has children
Root node style	Css class for the root node
Selected node style	Css class of the selected node
Control style	Css class for the Tree View control

Site Navigator TreeView

Collapse Image Url

Property name: CollapseImageUrl

Description: Sets the URL to a custom image for the collapsible node indicator

Type: string

Values: _blank

Default value: ""

Expand Image Url

Property name: ExpandImageUrl

Description: Sets the URL to a custom image for the expandable node indicator

Type: string

Values: _blank

Default value: ""

No Expand Image Url

Property name: NoExpandImageUrl

Description: Sets the URL to a custom image for the non-expandable node indicator

Type: string

Values: _blank

Default value: ""

Node Indent

Property name: NodeIndent

Description: Sets the indentation amount (in pixels) for the child nodes of the TreeView control

Type: Integer

Values: 1,2,3 etc.

Default value: 20

Node Wrap

Property name: NodeWrap

Description: Sets a value indicating whether text wraps in a node when the node runs out of space

Type: Boolean

Values: false|true

Default value: false

Show Expand Collapse

Property name: ShowExpandCollapse

Description: Sets a value indicating whether expansion node indicators are displayed

Type: Boolean

Values: false|true

Default value: true

Show Lines

Property name: ShowLines

Description: Sets a value indicating whether lines connecting child nodes to parent nodes are displayed

Type: Boolean

Values: false|true

Default value: false

Child Nodes Padding

Property name: ChildNodesPadding

Description: Sets the amount of space between a parent node and a child node to which the TreeNodeStyle class is applied

Type: Integer

Values: 1,2,3 etc.

Default value: 0

Horizontal Padding

Property name: HorizontalPadding

Description: Sets the amount of space to the left and right of the text in the node

Type: Integer

Values: 1,2,3 etc.

Default value: 5

Node Spacing

Property name: NodeSpacing

Description: Sets the amount of vertical spacing between the node to which the TreeNodeStyle object is applied and its adjacent nodes

Type: Integer

Values: 1,2,3 etc.

Default value: 0

Vertical Padding

Property name: VerticalPadding

Description: Sets the amount of space above and below the text for a node

Type: Integer

Values: 1,2,3 etc.

Default value: 0

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? (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 SharePoint Designer or edit the site template/master page.
- Q** Does this web part work under different language packs?
- A** Yes, it works with different language packs.
- Q** I was trying to 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.SiteNavigator"  
Assembly="ADVIS.WebParts.SiteNavigator, Version=3.0.0.2, 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" RootContext="WebApplicationMode" />
```
- 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 manual file for the list of all properties.
- Q** I'm trying to write error messages to the Event Log, but I'm getting a Security Exception.
- A** You have to login as Local Administrator to your SharePoint server, then you have to open the Registry Editor and then navigate to the Event Log Key. Now change the permissions for this key, so that you're able to write to the Event Log. Please take a look at Microsoft on How to enable users to write to a custom Event Log.