

Customizing the Terminal Viewer

The information in this chapter only applies to the browser version of the Entire Screen Builder Terminal Viewer.

The browser version of the Terminal Viewer runs in the browser on a client workstation. It runs in any browser which supports ActiveX controls (for example, Microsoft Internet Explorer Version 5).

The following topics are covered:

- General Information
- HTML Page
- Making the Online Documentation Available to All Users

Note:

The standalone version of the Terminal Viewer does not require a customized HTML page.

General Information

After installation, the example HTML pages *ExampleAdministratorTerminalPage.htm* and *ExampleTerminalViewer.htm* can be found in the Entire Screen Builder folder *terminal viewer*. These pages need to be customized by the administrator.

To make the Terminal Viewer available to all users in your environment, copy the file *NSWTerminalViewer.cab* and your customized HTML page to the HTTP server. No installation is required on a client workstation. Inform all users of the URL that is to be used to open the HTML page.

Note:

The help file is not included in the file *NSWTerminalViewer.cab*. See *Making the Online Documentation Available to All Users*.

When a browser supporting ActiveX controls opens the HTML page for the first time, it automatically downloads and installs the Terminal Viewer ActiveX control on the local PC. This control is downloaded and installed only once. Later when the same HTML page is opened again, the control is not downloaded again. The browser only downloads it once more, when the version number of the ActiveX control has changed.

Important:

Make sure that the security settings of your browser allow you to download and run ActiveX controls.

HTML Page

In addition to your script (e.g. JavaScript or VBScript), the HTML page must contain the following:

```
<object
  id="cControl"
  classid="CLSID:48c4ba58-8555-4ef4-b2ad-b62770c1edec"
  codebase=<URI>NSWTerminalViewer.cab#Version=5,2,1,0"
  align="baseline" border="0" width="850" height="375">
  <param name="ServerName" value="localhost">
  <param name="PortNumber" value="22340">
  <param name="AnonymousLogon" value="1">
  <param name="Embedded" value="0">
  <a name="control">Your browser doesn't support ActiveX controls </a>
</object>
```

Id Attribute

You can specify any value for the `id` attribute. This is the object name which is to be used in your script in order to communicate with the ActiveX control or to invoke methods of the ActiveX control. Example:

```
<input type="button" name="cmdConnect" value="Connect" language="VBScript"
  onclick="cControl.PortNumber = Document.cFormParameters.inputProteusPort.value
          cControl.ServerName = Document.cFormParameters.inputProteusServer.value
          cControl.AnonymousLogon = Document.cFormParameters.inputAnonymous.checked
          cControl.UsePCLogonName = Document.cFormParameters.inputUsePCUserName.checked
          call cControl.Initialise()">
```

Classid Attribute

You must not change the value for the `classid` attribute. This value identifies the ActiveX class.

Codebase Attribute

Substitute `<URI>` with the URI (Universal Resource Indicator) to the file *NSWTerminalViewer.cab*. For example:

```
codebase="http://www.myserver/NSW/NSWTerminalViewer.cab#Version=5,2,1,0"
```

The *NSWTerminalViewer.cab* file contains all files, including the ActiveX control, for running the Entire Screen Builder Terminal Viewer on the client side. This file is downloaded and decompressed for the browser when the HTML page is opened.

Param Tag

With the `param` tag, you can set the values for a property of the control. The default values are used for those properties that have not been specified.

A detailed description for these properties can be found in the *Overview of Client Control Properties* which is part of the *User Exits* documentation.

The Terminal Viewer can be run in embedded and non-embedded mode.

Tip:

It is recommended to run the Terminal Viewer in non-embedded mode. In embedded mode, you may experience noticeable screen flicker caused by the Microsoft Internet Explorer.

See also: *HTTP Tunneling*.

Other Attributes

The attributes `align`, `border`, `width` and `height` define the object's appearance in the browser. In the above code, the object is shown without border. Its width is 850 pixels and its height is 375 pixels.

You can use all attributes that are supported for the `OBJECT` element. See your HTML documentation for further information.

Making the Online Documentation Available to All Users

Because of its size, the help file *nswnnnUS.chm* is not included in the file *NSWTerminalViewer.cab*. If you want to make it available to all users, you have to create a registry key on each client workstation. Before you edit the registry, make sure you understand how to restore it if a problem occurs.



Warning:

Using the Registry Editor incorrectly can cause serious problems that may require you to reinstall your operating system. We cannot guarantee that problems resulting from the incorrect use of the Registry Editor can be solved. Use the Registry Editor at your own risk.

Create the following registry key (string value) on each client workstation:

```
HKEY_LOCAL_MACHINE\SOFTWARE\Software AG\Entire Screen Builder\Terminal Viewer\Documentation\HtmlHelpFile
```

For `HtmlHelpFile`, specify the path to the folder containing the file *nswnnnUS.chm*. For example:

```
C:\Program Files\Software AG\Entire Screen Builder 5\help\
```

It is recommended that this path points to a folder on a server. Otherwise, you have to copy the help file to each client workstation.

After editing the registry, start the browser version of the Terminal Viewer and make sure that the help file is invoked correctly: from the **Help** menu, choose **Online Documentation**.