

Installing CustomExplorer and CustomWaveView

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Installing CustomExplorer and Custom WaveView

This document contains specific information to prepare for and verify installation of CustomExplorer and Custom WaveView, as well as links to installation instructions.

Note: The installation instructions in this document are the most up-to-date instructions available at the time of production. However, changes might have occurred. For the latest installation information, see the product release notes or documentation.

This document contains the following sections:

- [Media Availability and Supported Platforms](#)
- [Disk Space Requirements](#)
- [Installing the Software](#)
- [Setting Up the User Environment](#)
- [Verifying the CustomExplorer and Custom WaveView Installation](#)
- [Uninstalling CustomExplorer and Custom WaveView](#)
- [Accessing CustomExplorer and Custom WaveView Documentation](#)

To install Synopsys tools, it is recommended that you have system administrator privileges. You need write permission for the installation directory.

Media Availability and Supported Platforms

The CustomExplorer and Custom WaveView tool is available by electronic software transfer (EST) download or as tangible media (DVD or CD, depending on the image size). Obtain the appropriate binary executable files based on the operating system (OS) you need.

Installing CustomExplorer and Custom WaveView

Media Availability and Supported Platforms

Table 1 lists the supported compute platforms, operating systems, corresponding Synopsys platform keywords, and window environments for this release. Many platforms require operating system patches.

For detailed information, see the Supported Platforms Guide page on the Synopsys Web site. Go to <http://www.synopsys.com/qsc> and select the appropriate foundation for your release. This Web page provides information about supported hardware, operating systems, and required OS patches. If the required patch described on this page is not available from the platform vendor, install the most recent patch instead.

Table 1 Supported Platforms, Operating Systems, and Keywords

Platform	Operating system	Synopsys platform keyword	Window environment
x86_64	Red Hat Enterprise Linux v4, 5 ¹	amd64 (64-bit mode) linux (32-bit mode) ²	GNOME
x86_64	Solaris 10	x86sol64 (64-bit mode) x86sol32 (32-bit mode)	CDE
x86	Red Hat Enterprise Linux v4, 5 ¹	linux (32-bit mode) ²	GNOME
x86	SUSE Linux Enterprise Server v9, 10 ¹	suse32 (32-bit mode)	KDE
x86	Microsoft Windows XP Professional, Vista		Microsoft Windows
Sun SPARC	Solaris 9, 10 ¹	sparc64 (64-bit mode) sparcOS5 (32-bit mode)	CDE

1. Binary-compatible hardware platform or operating system. Note, however, that binary compatibility is not guaranteed. See <http://www.synopsys.com/qsc> for the latest information on supported platforms.

2. The 32-bit (x86) and 64-bit (x86_64) Linux software is binary compatible with the Intel EM64T or AMD Opteron running Red Hat Enterprise Linux. See <http://www.synopsys.com/qsc> for the latest information on supported platforms.

Note: The CustomExplorer and Custom WaveView software is configured so that multiple platforms of this version can be installed in a single installation directory (*install_dir*).

Disk Space Requirements

Make sure you have enough disk space for CustomExplorer and Custom WaveView installation. For a full installation on one platform, 600 MB is recommended. The disk space requirement varies depending on the platform and the tool selected for installation. [Table 2](#) shows the minimum space required for installing each product on a particular platform.

Table 2 Disk Space Requirements (in Megabytes)

Synopsys Platform Keyword	Megabytes
common	20
amd64	85
linux	80
sparc64	122
sparcOS5	80
winnt	35
x86sol32	80
x86sol64	105

Installing the Software

CustomExplorer and Custom WaveView uses the Synopsys Installer tool, which allows you to use a graphical user interface (GUI) or a text script. For information about downloading Synopsys Installer and CustomExplorer and Custom WaveView, see *Installing Synopsys Tools*, available at http://www.synopsys.com/support/installation/install_guide.html.

To install CustomExplorer and Custom WaveView by EST or from the DVD or CD, follow the procedures described in *Installing Synopsys Tools*.

Installing Synopsys Tools shows an example Synopsys media installation script for the synthesis tools. CustomExplorer and Custom WaveView is installed in a similar manner.

Installing CustomExplorer and Custom WaveView

Installing the Software

CustomExplorer and Custom WaveView is a stand-alone product and cannot be installed over an existing Synopsys product, including a prior version of CustomExplorer and Custom WaveView. You must create a new directory for CustomExplorer and Custom WaveView.

The UNIX release directory contains the following files and directories:

File or Directory	Description
LICENSE	License agreement
bin/	CustomExplorer/Custom WaveView wrapper script
doc/	Documentation
etc/	
include/	Header file and examples for the WDF writer
syntax/	Syntax rules for VIM editors
packages/	
SX-CDS-Link/	CDS-Link package
SX-DAIC-Link/	DAIC-Link package
SX-VSDE-Link/	VSDE-link package
platforms/sun4_u5/	
bin/	32-bit CustomExplorer executables
lib/	32-bit NanoSim/VPI/WDF-writer libraries
lic/	32-bit Flexlm license management tools
platforms/sun4_u5_64/	
bin/	64-bit CustomExplorer executables
lib/	64-bit NanoSim/VPI/WDF-writer libraries
lic/	64-bit Flexlm license management tools

Installing the CX-CDS Link Package

The CX-CDS Link package requires the "sx_cdslink" license from Synopsys. The post-layout cross-probing functions require the "sx_cdslink_ext" license.

The CX-CDS Link package consists of the following files:

- sx_link.ile: the encrypted CX-CDS Link SKILL module.
- sx_menu.il: the SKILL module for CX-CDS tool menu.
- sx_user.il: the user-customizable SKILL module.
- schematic.menus: the menu file for the Composer integration.
- simui.menus: the menu file for the Virtuoso ADE integration.

Synopsys CX-CDS Link supports schematic to viewer cross probing in two different Cadence schematic entry environments:

1. Virtuoso Analog Environment mode: Also referred to as the Analog Artist mode involving integrated ADE window, Parametric analysis window, Composer, calculator, and waveform viewer.
2. Composer-only mode: Uses only the Composer schematic entry tool without the ADE environment. If the Cadence "SE" (Simulation Environment) is available, simulation jobs can be launched from the simulator menu in Composer. If the "SE" option is not available, users usually run simulation manually in an outside shell window.

Depending on your Cadence working environment, the CX-CDS Link package can be installed using two different methods. The following table summarizes the needed components for each installation method.

Table 3 CX-CDS Link Installation Components

	Method 1: Trigger Function		Method 2: Menu File	
	Composer	ADE Mode	Composer	ADE Mode
sx_link.ile	X	X	X	X
sx_menu.il	X	X		
sx_user.il	optional	not needed	optional	not needed
simui.menus				X

Table 3 CX-CDS Link Installation Components

Method 1: Trigger Function		Method 2: Menu File	
Composer	ADE Mode	Composer	ADE Mode
schematic.menus		X	

Installation Method 1: User Trigger Function

This is the preferred installation method for CX-CDS Link. The following files from the CX-CDS Link package: `sx_link.ile`, `sx_menu.il`, and `sx_user.il` are required. The `sx_user.il` SKILL file is required only if you want to customize the CX-CDS Link for the Cadence SE integration. The two menu files, `schematic.menus` and `simui.menus`, are not required.

Advantage: No root authority is needed to install the package. A single installation works for both the "Virtuoso ADE" and the "Composer-only" mode. CX-CDS Link tool menu is automatically updated when users switch between the "Virtuoso ADE" and the "Composer-only" mode.

Disadvantage: The CX-CDS Link tool menu always appears in the Composer schematic window. The menu cannot be inserted into the top tool menu of the "Artist Design Environment (ADE)" window. If you prefer to add the CX-CDS menu to the ADE window, you will have to install CX-CDS Link using the menu file `simui.menus`. (See the next section)

Follow the steps below to install the CX-CDS Link package:

1. Add the following `load` commands to your `.cdsinit` file:

```
load("/path_to/sx_link.ile" "sandwork")
load("/path_to/sx_menu.il")
load("/path_to/sx_user.il")
```

The `.cdsinit` file is usually located in your home directory. If the `.cdsinit` file also exists in the working directory, the settings override those in the `.cdsinit` file in the your home directory. Use absolute paths to load the CX-CDS SKILL modules into `.cdsinit`.

2. Enter `which sx` in a shell window to verify that `sx` is located in your search path. If `sx` cannot be found in your search path, you need to append the path to the `sx` executable in the `path` (or `PATH`) variable in your shell init file. For example:

```
set path=($path /directory_path_to_sx )
```

3. If you have already used the SKILL user trigger function to customize the menu for other applications in the Cadence Composer schematic entry tool, you might need to manually merge the CX-CDS trigger functions with your existing user trigger functions. The user trigger registration functions for CX-CDS Link can be found in the `sx_menu.il` text SKILL module.

Installation Method 2: Menu Files

This method requires the use of the `schematic.menus` and `simui.menus` menu files to add the CX-CDS Link tool menu to the Cadence tools. The `sx_link.ile` SKILL module (and `sx_user.il` module, if you want to customize the CX-CDS Link for SE integration), are also required. The `sx_menu.il` SKILL module is not required.

Note: The two menu files cannot co-exist in the menu file directory. You can only select one menu file to install: either `schematic.menus` or `simui.menus`.

Advantage: The CX-CDS Link menu can be inserted into the top menu bar of the ADE window in the "Virtuoso ADE" mode.

Disadvantages: The "Composer-only" and the "Virtuoso ADE" mode cannot co-exist in one DFII environment. Users need re-installation to switch between the "Composer-only" and the "Virtuoso ADE" mode. Root authority is usually needed if the menu file is to be installed in the public Cadence tool directory.

Composer-Only Mode

To install the CX-CDS Link package for the Composer-only mode:

1. Add the following line to your `.cdsinit` file:

```
load("/path_to/sx_link.ile" "snpslmd")
```
2. Copy `schematic.menus` to the following directory:

```
$cadence_install_dir/dfII/local/menus
```
3. Enter `which sx` in a shell window to verify that `sx` is located in your search path. If `sx` cannot be found in your search path, you need to append the path to the `sx` executable in the `path` (or `PATH`) variable in your shell init file. For example:

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```
set path=($path /directory_path_to_sx)
```

The `.cdsinit` file is usually located in your home directory. If `.cdsinit` also exists in the working directory, the settings override those in the `.cdsinit` file in the your home directory. Use absolute paths to load the CX-CDS SKILL modules into `.cdsinit`.

If you have an existing `schematic.menu` menu definition file under the `$cadence_install_dir/dfII/local/menus` directory, you might need to merge the content from the provided `schematic.menu` menu definition into the existing `schematic.menu` menu file.

To limit the installation to your private working environment without changing your Cadence site setup, move the `menus/schematic.menu` directory to your home directory. Create a directory named `menus` under your home directory if necessary.

CX-CDS link is developed based on DFII 4.4.6. Minor modifications of `schematic.menu` might be required for integration into earlier versions of DFII. For example, the Composer program in DFII version 4.4.3 does have the **Option** top menu entry. As a result, the `schSOptionPulldown` entry that is near the end of `schematic.menu` needs to be commented out with leading semi-colons (;).

Virtuoso ADE Mode

To install the CX-CDS Link package for the Virtuoso ADE mode:

1. Add the following line to your `.cdsinit` file:

```
load("/path_to/sx_link.ile" "snpslmd")
```

2. Copy `simui.menu` to the following directory:

```
$cadence_install_dir/dfII/local/menus
```

3. Enter `which sx` in a shell window to verify that `sx` is located in your search path. If `sx` cannot be found in your search path, you need to append the path to the `sx` executable in the `path` (or `PATH`) variable in your shell init file. For example:

```
set path=($path /directory_path_to_sx)
```

The `.cdsinit` file is usually located in your home directory. If `.cdsinit` also exists in the working directory, the settings override those in the `.cdsinit` file in the your home directory. Use absolute paths to load the CX-CDS SKILL modules into `.cdsinit`.

If you have an existing `simui.menu` menu definition file under the `$cadence_install_dir/dfII/local/menus/` directory, you might need to merge the content from the provided `simui.menu` menu definition into the existing `simui.menu` menu file.

To limit the installation to your own working environment without changing your Cadence site setup, move `menus/simui.menu` to your home directory. Create the `menus` directory under your home directory if necessary.

Special Note for IC5141 USR3 (or later) Users

In the Cadence IC5141 USR3 release, the default output format of Spectre and spectreVerilog was changed from PSF/WSF to SST2. Since Custom WaveView does not support the Cadence SST2 format, the following configuration is required to restore the default format to PSF:

- Spectre: Add the following line to your `$HOME/.cdsenv` file:

```
spectre.envOpts simOutputFormat string "psfbin"
```
- UltraSim: From the ADE window go to [Simulation - Options - Analog] and select PSF as the output format.
- spectreVerilog: Add the following lines to your `$HOME/.cdsenv` file:

```
spectreVerilog.envOpts simOutputFormat string "psfbin"  
spectreVerilog.envOpts logicOutputFormat string "WSF"
```
- UltraSimVerilog: From the ADE window, choose **Simulation > Options > Analog**, and select PSF as the output format. Then, add the following line to your `$HOME/.cdsenv` file:

```
UltraSimVerilog.envOpts logicOutputFormat string "WSF"
```

CX-CDS Link for AMS Designer

CX-CDS Link supports cross-probing in AMS Designer only with the Synopsys WDF format. The following line must be added to the `$HOME/.cdsenv` file:

```
ams.envOpts simOutputFormat string "wdf"
```

When the WDF format is used with AMS Designer, the simulation results are stored in two files under the `psf/` directory: (1) `ams_database.vcd` for logic waveforms from `ncsim`, and (2) `tran.tran.wdf` or `amsControl.-1.wdf` for analog waveforms from Spectre or UltraSim. CX-CDS link looks for these output files automatically if "ams" is selected as the simulator in Virtuoso.

Installing the CX-DAIC Link Package

The CX-DAIC Link package requires the "sx_daiclink" license.

The installation processes differ depending on the DAIC release version that you are using. Choose one of the following installation processes:

- [Installing CX-DAIC Link for DAIC Version 2002.2 and Earlier](#)
- [Installing CX-DAIC Link for DAIC Versions 2002.3 through 2003.4](#)
- [Installing CX-DAIC Link for DAIC Versions 2004.1 and Later](#)

Installing CX-DAIC Link for DAIC Version 2002.2 and Earlier

Custom WaveView utilizes AMPLE functions in schematic.ample to communicate with DAIC. The provided schematic.ample AMPLE module contains a modified version of the AMPLE functions from the original install tree, which is located here:

```
$MGC_HOME/shared/pkgsg/daicsim/userware/default/  
schematic.ample
```

If the same AMPLE functions are already modified in your setup, you need to manually merge the changes. Please refer to the comment or documentation in the provided schematic.ample file for details.

To install the CX-DAIC Link package:

1. Copy the Custom WaveView executable (sx) to the \$MGC_HOME/bin directory. If you prefer to place the executable in a different location, please modify the initial value of the sx_command_default AMPLE variable in schematic.ample.
2. You can merge the provided schematic.ample into the following public file, or keep the provided schematic.ample file in a non-public directory (the user AMPLE directory):

```
$MGC_HOME/shared/pkgsg/daicsim/userware/default/  
schematic.ample
```

3. Modify the AMPLE_PATH variable to include the directory, and copy schematic.ample to \$AMPLE_PATH/da_ic.

Installing CX-DAIC Link for DAIC Versions 2002.3 through 2003.4

Custom WaveView utilizes AMPLE functions in `schematic_sim.ample` and `daic_sim_mgr.ample` to communicate with DAIC. The provided `schematic_sim.ample` and `daic_sim_mgr.ample` AMPLE modules contain modified versions of the AMPLE functions necessary for the cross-probing integration. The original AMPLE modules are located in the install tree here:

```
$MGC_HOME/shared/pkgs/da_ic/userware/default
```

If the same AMPLE functions are already modified in your setup, you need to manually merge the changes. Please refer to the comment or documentation in the AMPLE modules file for details.

To install the CX-DAIC Link package:

1. Copy the Custom WaveView executable (sx) to the `$MGC_HOME/bin` directory. If you prefer to place the executable in a different location, please modify the initial value of the `sx_command_default` AMPLE variable in `schematic_sim.ample`.
2. You can merge the provided AMPLE modules into the following public directory, or keep the provided modules in a non-public directory (the user AMPLE directory):

```
$MGC_HOME/shared/pkgs/da_ic/userware/default/
```

3. Modify the `AMPLE_PATH` variable to include the private AMPLE directory, and copy `schematic_sim.ample` and `daic_sim_mgr.ample` to `$AMPLE_PATH/da_ic`.

Installing CX-DAIC Link for DAIC Versions 2004.1 and Later

The installation steps are the same as those for [Installing CX-DAIC Link for DAIC Versions 2002.3 through 2003.4](#), except that the `daic_sim_mgr.ample.2004.1` and `schematic_sim.ample.2004.1` AMPLE codes are used instead.

Installing the CX-VSDE Link Package

The CX-VSDE Link package requires the CustomExplorer-Cadence Link "sx_cdslink" license.

To install the CX-VSDE package:

1. Copy the waveform.cfg file to the `$ACV_ROOT/admin` directory. If waveform.cfg already exists in `$ACV_ROOT/admin`, append the content from the included waveform.cfg file to the existing one.
2. Copy `sx_run` to the `$ACV_ROOT/bin` directory.
3. Modify the path of the Custom WaveView executable in the `sx_run` file.

Setting Up the User Environment

A platform-independent wrapper script is provided for CustomExplorer and Custom WaveView. This script automatically determines the OS platform at runtime, which simplifies the setup required to use CustomExplorer and Custom WaveView.

The platform-independent wrapper script is located at `install-dir/bin`.

Note: If you select a platform executable file that is not available, an automatic switch is made to an available platform based on your current environment. No warning message is issued.

Setting up the user environment is described in these sections:

- [Specifying the Executable File Location](#)
- [Setting the License File Environment Variable](#)

Specifying the Executable File Location

Add the CustomExplorer and Custom WaveView directory containing the executable file to the `PATH` environment variable.

- If you are using the C shell, add the following line to the `.cshrc` file:
- If you are using the Bourne, Korn, or Bash shell, add the following line to the `.profile`, `.kshrc`, or `.bashrc` file:

```
set path=(install_dir/bin $path)
```

```
PATH=install_dir/bin:$PATH
export PATH
```

Setting the License File Environment Variable

You must install the Synopsys Common Licensing (SCL) software, retrieve your license key file, and define the `SNPSLMD_LICENSE_FILE` or `LM_LICENSE_FILE` environment variable before you can verify the CustomExplorer and Custom WaveView installation.

For information about downloading and installing SCL and on setting the license variable, see the *Synopsys Licensing QuickStart Guide*, which is available from <http://www.synopsys.com/Support/Licensing/Licensing/Pages/default.aspx>.

Verifying the CustomExplorer and Custom WaveView Installation

To verify the CustomExplorer and Custom WaveView installation,

1. Make sure you are in a directory where you have read/write privileges.

```
% cd $HOME
```

2. Invoke the tool by entering

```
% product -v
```

If you see information about the product version, production date, and copyright, the installation was successful.

Troubleshooting CustomExplorer and Custom WaveView Installation on Solaris Platforms

If you encounter the following error message while running CustomExplorer:

```
ld.so.1: ./sx: fatal: libXm.so.3: can't open file: errno=2  
Killed
```

Append `/usr/dt/lib` to your `LD_LIBRARY_PATH` environment variable. For example:

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```
setenv LD_LIBRARY_PATH /usr/dt/lib:$LD_LIBRARY_PATH
```

By default, the CDE window manager environment allows popup dialog windows to appear behind the main application window. This default setting can make it difficult to locate a dialog window that is hidden behind the main window. To change the default setting, choose **Style Manager > Window**, and deselect the "Allow Primary Windows On Top" option. The **Style Manager** can be started from the **Tools** menu.

Uninstalling CustomExplorer and Custom WaveView

To uninstall CustomExplorer and Custom WaveView on UNIX, delete the entire software installation directory.

To uninstall the CustomExplorer and Custom WaveView on Windows, go to **My Computer > Control Panel > Add/Remove Programs**, select **CustomExplorer** from the list, and click the **Add/Remove** button to uninstall.

The uninstall operation varies slightly on other Windows O/S (Windows 2000/XP/ME/NT). Please follow the standard application removal procedure in each Windows environment to remove CustomExplorer.

Accessing CustomExplorer and Custom WaveView Documentation

The documentation for CustomExplorer and Custom WaveView is available as PDF files or as online Help.

Viewing and Printing CustomExplorer and Custom WaveView Documentation in Portable Document Format

To view and print CustomExplorer and Custom WaveView documentation in PDF, you must have Adobe Acrobat Reader installed on your machine.

Viewing CustomExplorer and Custom WaveView Online Help

The online Help system is a browser-based HTML Help system.

To view a Help system, Synopsys recommends the following minimum revisions web browsers on the Synopsys-supported platforms (later versions should also work):

Platform	Operating Systems	Supported Browsers
IBM RS6000 AIX 32- and 64-bit	AIX 5.3	Firefox 1.5 Mozilla 1.7
SunSPARC Solaris 32- & 64-bit	Solaris 9 or 10 ¹	Firefox 1.5, 2.0 Mozilla 1.7
X86 (IA-32) 32-bit & Linux 32-bit	Red Hat Enterprise Linux 4 or 5 SUSE Linux Enterprise Server 9 or 10	Firefox 1.5, 2.0, 3.0 ² Mozilla 1.7 Netscape Navigator 7.0
X86_64 Linux 64-bit	Red Hat Enterprise Linux 4 or 5 SUSE Linux Enterprise Server 9 or 10	Firefox 1.5, 2.0, 3.0 ² Mozilla 1.7 Netscape Navigator 7.0
X86 Windows 2000	Windows 2000	Firefox 1.5, 2.0, 3.0 ³ Internet Explorer 6.0 Mozilla 1.7 Netscape Navigator 7.0
X86 Windows XP Professional	Windows XP Professional v2002	Firefox 1.5, 2.0, 3.0 ³ Internet Explorer 6.0 Mozilla 1.7 Netscape Navigator 7.0

1. Synopsys does not recommend using Netscape Navigator to view Help on Solaris.
2. Synopsys recommends using Firefox 3.0 builds 2008052912 or later on Linux.
3. Synopsys recommends using Firefox 3.0 builds 2008052906 or later on Windows.

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Accessing CustomExplorer and Custom WaveView Documentation

The following sections describe:

- [Setting a Default Browser on Windows](#)
- [Setting a Default Browser on UNIX or Linux](#)
- [Setting MIME Types to View PDFs from Help](#)

Setting a Default Browser on Windows

On Windows, Help opens the browser associated with .html files (typically Internet Explorer).

To use a browser other than Internet Explorer on Windows:

1. Open the browser that you want to use.
2. Open the Add or Remove Programs applet (available from the Control Panel).
3. Choose Set Program Access and Defaults.
4. Select Custom and click the down arrow to display the custom menu.
5. Choose "Use my current Web browser" and click OK.

Result: The next time you click Help, the Help content will appear in your selected default browser.

Setting a Default Browser on UNIX or Linux

The Help system searches for HTML browsers on UNIX or Linux systems as follows:

1. Searches for the browser associated with the Synopsys Help browser variable, `SNPS_BROWSER`. The value is a browser executable with full pathname.
2. Searches for the browser associated with the UNIX system variable, `BROWSER`. The value is a browser executable with full pathname.
3. *Optional:* Searches for the browser associated with a preference or other command setting provided by your Synopsys application.
4. Searches for the following browser executables, in order, in your `PATH`:

```
firefox  
seamonkey  
netscape6  
netscape  
mozilla  
iexplorer  
konqueror  
epiphany
```

5. Searches for the executables in each of the following locations in order:

For firefox and then for seamonkey:

```
/opt/browser/  
/usr/bin/  
/usr/bin/browser  
/usr/local/browser  
/usr/local/bin/  
/usr/local/bin/browser/
```

For netscape6, then for netscape, and then for mozilla:

```
/opt/browser/  
/usr/local/bin/  
/usr/local/browser  
/usr/bin/browser/  
/usr/dt/bin
```

For iexplorer:

```
/usr/local/microsoft/bin
```

For konqueror and then for epiphany:

```
/opt/browser/  
/usr/bin/  
/usr/bin/browser  
/usr/local/browser  
/usr/local/bin/  
/usr/local/bin/browser/
```

To set the default browser, you can do either of the following:

- Use the appropriate UNIX or Linux command to set one of the variables described above. For example, in C shell:

```
setenv SNPS_BROWSER /usr/bin/firefox
```

Installing CustomExplorer and Custom WaveView

Accessing CustomExplorer and Custom WaveView Documentation

In Bourne, Korn, or Bash shell:

```
export SNPS_BROWSER=/usr/bin/firefox
```

- Use your Synopsys application's preference setting or command, if any, to set the default. The preference setting or command name varies between applications. Some applications do not provide this setting, but rely on the variables described previously. Check your application documentation for information about setting a default Help browser.

Setting MIME Types to View PDFs from Help

Online Help includes PDF versions of the documents, for use in printing. In order for links from the Help to the PDF to work, you must set an association in your browser for MIME type "application/pdf" with an appropriate PDF viewer for your platform. See the documentation for your particular browser for specific instructions on creating MIME-type associations.