

PrimeRail Installation Notes

Version B-2008.09

September 8, 2008

These installation notes present information about installing PrimeRail version B-2008.09 in the following sections:

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See also <http://www.synopsys.com/install> for additional installation and licensing information.

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Media Availability and Supported Platforms

PrimeRail tool is available by EST download upon initial software release, and at a later date on DVD (or CD depending on image size). Obtain the appropriate binary executable files based on the operating system you need. [Table 1-1](#) shows the supported operating systems and keywords for this release.

Table 1-1 Supported Operating Systems and Keywords

Platform	Operating system	Platform keyword	Path keyword
AMD Opteron	Red Hat Enterprise Linux v4, 5 ¹	amd64 (64-bit mode)	AMD.64
EM64T	SUSE Enterprise Linux 9, 10 ¹	suse64 (64-bit mode) suse32 (32-bit mode)	suse.64 suse.32
IA-32 (x86)	Red Hat Enterprise Linux v4, v5 ¹	linux	IA.32
Sun SPARC	Solaris 9, 10 ¹	sparcOS5 (32-bit) sparc64 (64-bit)	SUN.32 SUN.64

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

To install a product, select the appropriate platform keyword. To set an environment variable, select the appropriate path keyword (see [Setting Up the User Environment](#)).

Disk Space Requirements

To run the PrimeRail tool, 512 MB of physical memory (1 GB is recommended) and 512 MB of swap space (2 GB is recommended) are required.

The disk space requirement for PrimeRail depends on the platform. [Table 1-2](#) shows the maximum space required for installing PrimeRail on a particular platform.

Table 1-2 Disk Space Requirements (in Megabytes)

Operating system	Megabytes
Base size (including online Help files)	120
Platform independent	120
Per platform	165

Table 1-2 Disk Space Requirements (in Megabytes) (Continued)

Operating system	Megabytes
AMD Opteron 64-bit	115
Sun Solaris 32-bit	150
Sun Solaris 64-bit	165
Red Hat Enterprise Linux 32-bit	110
Suse Enterprise Linux 32-bit	100
Suse Enterprise Linux 64-bit	110

Installing the Software

PrimeRail uses the Synopsys Installer tool, which allows you to use a text script or a graphical user interface (GUI). For information about downloading the Synopsys Installer and PrimeRail, see the document *Installing Synopsys Tools* at <http://www.synopsys.com/install>.

To install PrimeRail follow the procedures described in *Installing Synopsys Tools*. This document provides a Synopsys media installation script. PrimeRail is installed in a similar manner.

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

Setting Up the User Environment

To set up the user environment, you must specify the location of the executable file and set the license environment variable.

Specifying the Executable File Location

Add the PrimeRail 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:

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

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

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

Replace *platform* with the appropriate path keyword (see [Supported Operating Systems and Keywords](#)).

Setting the SNPSLMD_LICENSE_FILE Environment Variable

You must install the SCL software (version 10.9.3) and define the SNPSLMD_LICENSE_FILE, LM_LICENSE_FILE, or another tool-specific variable before you can verify the PrimeRail installation.

For information about downloading SCL, installing SCL, or setting the license variable, see at <http://www.synopsys.com/install>.

Configuring the Browser for Online Help

The online Help system is a browser-based HTML Help system designed for viewing in Firefox, Netscape, and Mozilla Web browsers. Supported versions include

- Firefox 1.0 and above (version 1.5 is preferred)
- Mozilla 1.3 and above (version 1.7 is preferred)
- Netscape 7.0 and above (Linux platforms only)

If you prefer to use other browsers, note the following limitations:

- Online Help does not work in Netscape 6.0. (Netscape 6.x browsers are not supported.)
- Online Help might work in Netscape 4.7x and 4.8, but these browsers are not supported. (Netscape 7 is preferred.)
- Although online Help might work in other browsers such as Internet Explorer or Opera, it is not tested or supported in these browsers.

Important:

When you use online Help from within the GUI, the directory containing the browser executable file must be in the search path specified by your UNIX or Linux \$PATH variable.

To change the default browser, use one of the following Scheme commands from within the GUI:

- For Mozilla

```
setHelpBrowser "mozilla"
```

or

```
setHelpBrowser path/mozilla
```

- For Mozilla Firefox

```
setHelpBrowser "firefox"
```

or

```
setHelpBrowser path/firefox
```

To view online Help in a browser,

1. Open a browser dialog box, navigate to the *install_dir/help/mw_help/* directory, and open the index.html file.

For example, in Firefox, choose File > Open File, and open the index.html file in the online Help directory, *install_dir/help/mw_help*.

2. Use the Search tab to locate specific commands.

To view online Help from the GUI,

1. In the GUI, click Scheme if it is not already selected.
2. To open the Help table of contents, at the GUI command line enter

```
help
```

3. To view a topic for a specific command, enter, for example,

```
help "geOpenLib"
```

This displays the Help topic for the `geOpenLib` command.

Verifying the PrimeRail Installation

To verify the PrimeRail installation,

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

```
% cd $HOME
```

2. Invoke the tool by entering

```
% PrimeRail
```

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