

# Milkyway™ Environment Installation Notes

## Version A-2007.12

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These installation notes present the latest information about installing the Milkyway Environment in the following sections:

- [Media Availability and Supported Platforms](#)
- [Disk Space Requirements](#)
- [Installing the Software](#)
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- [Verifying the Milkyway Environment Installation](#)

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

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## Media Availability and Supported Platforms

When the Milkyway Environment software is initially released, it is available by electronic software transfer download. At a later date, it becomes available 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, v5 <sup>1</sup>	amd64 (64-bit mode)	AMD.64
EM64T	SUSE Enterprise Linux 9, 10 <sup>1</sup>	suse64 (64-bit mode) suse32 (32-bit mode)	SUSE.64 SUSE.32
IA-32 (x86)	Red Hat Enterprise Linux v4, 5 <sup>1</sup>	linux	IA.32
Sun SPARC	Solaris 9, 10 <sup>1</sup>	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/a-foundation.html> for latest information.*

To install a product, select the appropriate platform keyword. To set an environment variable, select the appropriate path keyword.

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## Disk Space Requirements

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

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

Operating system	Megabytes
Base size (including online Help files)	250
AMD Opteron Red Hat Enterprise (64-bit mode)	90
EM64T SUSE Enterprise Linux (32-bit mode)	74

Table 1-2 Disk Space Requirements (in Megabytes)

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Operating system	Megabytes
EM64T SUSE Enterprise Linux (64-bit mode)	80
IA-32 (x86) Red Hat Enterprise v3 (32-bit mode)	80
Sun Solaris (32-bit mode)	110
Sun Solaris (64-bit mode)	125

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## Installing the Software

The Milkyway Environment 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 Milkyway, see the document *Installing Synopsys Tools* at <http://www.synopsys.com/install>.

To install the Milkyway Environment follow the procedures described in *Installing Synopsys Tools*. This document provides a Synopsys media installation script. Milkyway is installed in a similar manner. The Milkyway Environment cannot be installed over an existing Synopsys product, including a prior version of the Milkyway Environment.

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## 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.

This section describes how to set up a local machine so that it can access the Synopsys software. Perform this procedure for each machine on the network.

### Specifying the Executable File Location

To set up your machine,

- Update your environment variables by adding the following variables in your `.cshrc` file:
  - If you are using the C shell, enter

```
set path=(install_dir/bin/platform $path)
```
  - If you are using the Bourne, Korn, or Bash shell, enter

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

Replace *platform* with the appropriate path keyword, see “[Table 1-1](#).”

### Setting the SNPSLMD\_LICENSE\_FILE or LM\_LICENSE\_FILE Environment Variable

You must install the SCL software and define the

SNPSLMD\_LICENSE\_FILE or LM\_LICENSE\_FILE

before you can verify the Milkyway installation.

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

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## 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 the following:

- 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.

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## Verifying the Milkyway Environment Installation

To verify the Milkyway Environment installation,

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

```
% cd $HOME
```

2. Invoke the tool by entering

```
% Milkyway -galaxy
```

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