

PathMill Installation Notes

Version A-2007.12

December 10, 2007

These installation notes present information about installing PathMill version A-2007.12 in the following sections:

- [Media Availability and Supported Platforms](#)
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To ensure a successful installation, complete the following procedures before beginning the installation process:

- Create the Synopsys root directory.
- Define the `SYNOPSYS` environment variable.
- Have your license server running and have the appropriate license keys installed.

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

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Media Availability and Supported Platforms

PathMill is available by electronic software transfer (EST) download upon initial software release. 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 platforms for the version A-2007.12 release.

Table 1-1 Supported Platforms and Keywords

Platform	Operating system	Synopsys platform keyword
AMD Opteron	Red Hat Enterprise Linux v4, v5 ¹	amd64 (64-bit mode) linux (32-bit mode) ²
EMT64T	SUSE Enterprise Linux 9, 10	suse64 (64-bit mode) suse32 (32-bit mode)
IA-32 (X86)	Red Hat Enterprise Linux v4, v5 ¹	linux (32-bit mode) ²
IBM RS/6000	AIX 5.3	rs6000 (32-bit mode)
Sun SPARC	Solaris 9, 10	sparcOS5 (32-bit mode) sparc64 (64-bit mode)

1. Binary-compatible hardware platform or operating system. Note, however, that binary compatibility is not guaranteed.

2. The 32-bit (x86) Linux software is binary compatible with Intel EM64T or AMD Opteron running Red Hat Enterprise Linux. Note, however, that binary compatibility is not guaranteed.

Disk Space and Memory Requirements

The PathMill tool has the following minimum memory requirements:

- Physical Memory – 256 MB (1 GB recommended)
- Swap space – 512 MB (2 GB recommended)

The disk space requirement varies, depending on the platform and tool selected for installation. During the installation process, Synopsys Installer displays the required disk space.

Installing the Software

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

To install PathMill follow the procedures described in *Installing Synopsys Tools*. This document provides a Synopsys media installation script. PathMill is installed in a similar manner. PathMill is a stand-alone product and cannot be installed over an existing Synopsys product, including a prior version of PathMill. You must create a new directory for PathMill.

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 PathMill 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=($SYNOPSYS/platform/pm/bin $path)
```

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

```
PATH=$SYNOPSYS/platform/pm/bin:$PATH  
export PATH
```

Replace *platform* with the appropriate platform (see “[Supported Platforms and Keywords](#)”).

Setting the `SNPSLMD_LICENSE_FILE` Environment Variable

You must install the Synopsys Common Licensing (SCL) software and define the `SNPSLMD_LICENSE_FILE` variable before you can verify the PathMill installation. For information about downloading SCL, installing SCL, or setting the license variable, see *Installing Synopsys Tools* at <http://www.synopsys.com/install>.

Verifying the PathMill Installation

To verify the PathMill installation,

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

```
% cd $HOME
```

2. Invoke the tool by entering

```
% $SYNOPSYS/platform/pm/bin/pathmill
```

Replace *platform* with the appropriate platform (see [“Supported Platforms and Keywords”](#)).

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