

Installing *Mathematica* on Unix and Linux

Installing *Mathematica* for Single-Machine Licenses

Follow these instructions to install a standalone copy of *Mathematica* that does not get a license from the license server. Depending on your license type, this may require contacting Wolfram Research to purchase additional licenses.

To run *Mathematica*, you must register with Wolfram Research and receive a password. See "Registration and Passwords" for further information.

To install *Mathematica* on Unix and Linux, you may need `root` privileges.

To Install a Single-Machine Copy of *Mathematica* on Unix and Linux:

1. Mount the CD or DVD. For information on mounting a CD/DVD, see "Mounting a CD or DVD on Unix and Linux".

Note: This step may not be required on some Linux and Unix platforms, as some operating systems automatically handle mounting.

2. Change directory to `/cdrom/Unix/Installer`. Note that the exact location of the CD/DVD mount point might be different for your platform.

```
cd /cdrom/Unix/Installer
```

3. Run the installer.

```
./MathInstaller
```

```
-----
                    Wolfram Mathematica 7 Installer
-----
```

```
Copyright (c) 1988-2008 Wolfram Research, Inc. All rights reserved.
```

```
WARNING: Wolfram Mathematica is protected by copyright law and international
treaties. Unauthorized reproduction or distribution may result in severe
civil and criminal penalties and will be prosecuted to the maximum extent
possible under law.
```

4. (Unix only) You are asked to select the platform for which you are doing the installation. Select one of the available options and press `Enter` to continue.

```
For which of the following platforms would you like to install
Mathematica?
```

```
Type your selection (multiple choices can be separated with spaces), or press
ENTER to select (1):
```

5. The installer prompts you to specify the directory in which *Mathematica* should be installed. The default location is `/usr/local/Wolfram/Mathematica/7.0`. Press `Enter` to accept the default, or type in a new location and then press `Enter`.

```
Enter the installation directory, or press ENTER to select
/usr/local/Wolfram/Mathematica/7.0:
```

Note: If you specify a directory that does not exist, the installer will give you the option of creating the directory. If a copy of *Mathematica* already exists in the directory you specify, the installer will inform you before overwriting the files.

Note: If you are installing over a previous version of *Mathematica*, your existing `mathpass` file and custom settings will **not** be deleted.

6. Once you have answered all the questions, the installer begins copying files from the CD/DVD to the directory you specified. The progress is indicated by a progress bar on the screen.

```
Now installing...
[*****] ]
```

7. You are asked for the location in which to copy the executable scripts. You should choose a directory that is present on each user's PATH. The scripts are also installed in the `Executables` subdirectory of the *Mathematica* installation directory. Type a location or accept the default and press `Enter`.

```
Type the directory path in which the Mathematica scripts will be created,
or press ENTER to select /usr/local/bin:
```

Note: The installer checks to see if any other *Mathematica* scripts exist in the specified directory. If they do, you are given the chance to rename the scripts.

8. You are given several options for configuring the password. Type `1` and press `Enter` to run *Mathematica* using a single-machine license.

```
Please choose how you want to configure the password for Mathematica 7.0.
```

```
(1) Single machine
```

```
Install a password specific to this machine. Mathematica will launch
and you can enter your password.
```

```
(2) Network license
```

```
Obtain a license from a MathLM License Server on your network each time
Mathematica is launched.
```

```
(3) Enter license information later
```

```
Input your password and register when you start Mathematica.
```

```
Type your selection, or press ENTER to select (1):1
```

9. Your machine name and MathID number are displayed. To obtain your password, contact Wolfram Research (see "Registration and Passwords" for details). You will need to supply your MathID number and the license number located on your electronic or physical copy of the license certificate.

Configuring Single-Machine Password...

Mathematica 7.0 for *operating system*
 Copyright 1988-2008 Wolfram Research, Inc.

You will need to get a password from your
 license certificate or from Wolfram Research
 (register.wolfram.com).
 Machine name: hostname
 MathID: xxxx-xxxxx-xxxxx

You will need a valid license ID and password in order
 to proceed. Go to <http://register.wolfram.com> or
<http://reference.wolfram.com/singlemachine> for more
 information.

- 10.** Enter your name, the name of your organization, your license number (located on your electronic or physical copy of the license certificate), and your password, and press **Enter** when you are done.

Enter your name:

Enter the name of your organization:

Enter your license ID [format Lxxxx-xxxx]:

Enter your password:

- 11.** The installer creates the `mathpass` file and displays its location. The installation is now complete.

Creating password file entry in
 /usr/share/Mathematica/Licensing/mathpass.

See <http://reference.wolfram.com/password> if
 Mathematica is installed on multiple machines
 and you need to set up a single, sitewide
 password file.

The installer also adds an additional menu folder named **Wolfram** to the desktop menu. Inside the folder is an item named **Mathematica** that points to the most recently installed version of *Mathematica*. File associations are also modified such that `.nb` files are now associated with the most recently installed version of *Mathematica*.