

HOW TO

How to install Perl on Ubuntu 18.04/19.10



By H2S MEDIA TEAM

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Perl is commonly referred to as “**Practical Extraction and Reporting Language**”. It is open-source and free software thus no worry of money while using Perl. It runs on most operating systems and can be easily migrated to different operating systems.

From the beginning, Perl was designed to simplify simple work without losing the ability to handle difficult problems. It makes it easy to manipulate numbers, text, files and directories, computers and networks, especially the language of programs. Perl was originally designed as a Unix scripting language, but it has long been ported to most other operating systems. Because Perl can be run almost anywhere, Perl can be said to be the most portable programming environment today to write portable C/C++ programs.

Here in this tutorial, we will know how to install it on Ubuntu Linux operating systems such as Ubuntu 16.04/18.04/18.10/19.04 including Linux Mint.

1. Open Ubuntu **Command Terminal** to install **Perl** latest stable version. For that, you can use Keyboard shortcut **Ctrl+Alt+T**.
2. Either log in as root or your current Ubuntu user should have access of **sudo**.
3. Run system update command to get the latest version of already installed packages.

```
sudo apt update
```

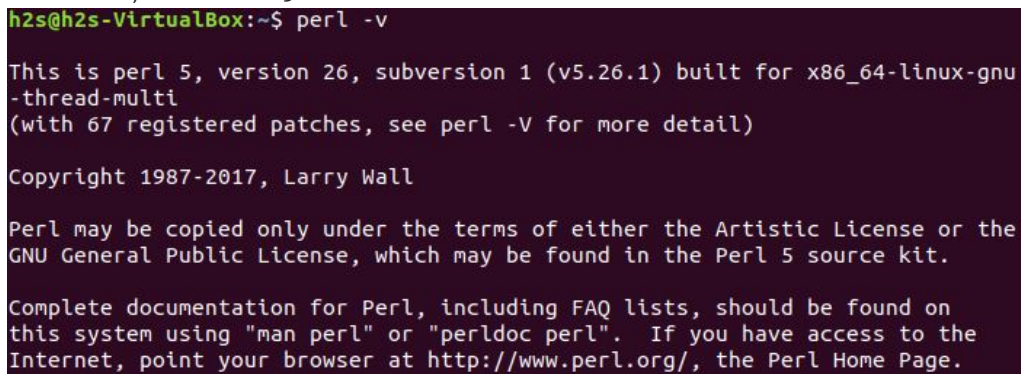
4. Perl comes in the default repository of Ubuntu, thus no need to add any third-party repo.
5. Run the Perl installation command:

```
sudo apt-get install perl
```

6. Check installed Perl version.

```
perl -v
```

7. In our case, it was Perl v5.26.



```
h2s@h2s-VirtualBox:~$ perl -v

This is perl 5, version 26, subversion 1 (v5.26.1) built for x86_64-linux-gnu
-thread-multi
(with 67 registered patches, see perl -V for more detail)

Copyright 1987-2017, Larry Wall

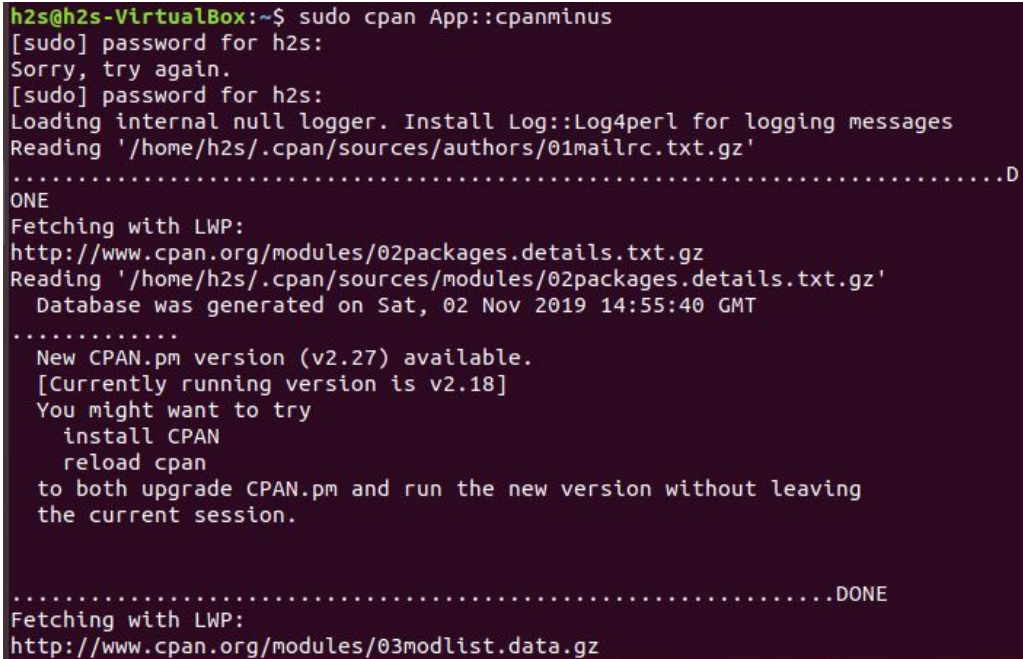
Perl may be copied only under the terms of either the Artistic License or the
GNU General Public License, which may be found in the Perl 5 source kit.

Complete documentation for Perl, including FAQ lists, should be found on
this system using "man perl" or "perldoc perl".  If you have access to the
Internet, point your browser at http://www.perl.org/, the Perl Home Page.
```

8. Now, if you want to install Perl modules, which are set of codes used in carrying out or run some certain programs based on Perl. Thus, you can use **CPAN** (Comprehensive Perl Archive Network) it features a wide range of Perl modules and same can be installed for Perl using its commands.

9. The below command will install `cpanminus` which is basically a script used to install modules for Perl from CPAN and it performs unpacking and building of the same. Here is the command to Install App-`cpanminus` Perl module.

```
cpan App::cpanminus
```



```
h2s@h2s-VirtualBox:~$ sudo cpan App::cpanminus
[sudo] password for h2s:
Sorry, try again.
[sudo] password for h2s:
Loading internal null logger. Install Log::Log4perl for logging messages
Reading '/home/h2s/.cpan/sources/authors/01mailrc.txt.gz'
.....D
ONE
Fetching with LWP:
http://www.cpan.org/modules/02packages.details.txt.gz
Reading '/home/h2s/.cpan/sources/modules/02packages.details.txt.gz'
Database was generated on Sat, 02 Nov 2019 14:55:40 GMT
.....
New CPAN.pm version (v2.27) available.
[Currently running version is v2.18]
You might want to try
  install CPAN
  reload cpan
to both upgrade CPAN.pm and run the new version without leaving
the current session.
.....DONE
Fetching with LWP:
http://www.cpan.org/modules/03modlist.data.gz
```

10. After the installation of CPAN's `cpanminus`, if you want to install any Perl module, run `cpan install module-name` command. For example, if we want to install `Gtk2` module, then simply run:

```
sudo cpan install YAML
```

11. In this way, we can install Perl and its modules on Ubuntu Linux or its based operating systems.

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