

# Installing clang 6.0 on Ubuntu 18.04 LTS Bionic

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How can I install clang on Ubuntu 18.04 LTS Bionic?



[valiano](#)

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asked Jul 23 '18 at 2:05



clang-6.0 is (at least currently) the default version of clang on Bionic:

```
$ apt-cache depends clang
clang
```

```
Depends: clang-6.0
Breaks: <clang-3.2>
Breaks: <clang-3.3>
Breaks: <clang-3.4>
Breaks: <clang-3.5>
Replaces: clang
Replaces: <clang-3.2>
Replaces: <clang-3.3>
Replaces: <clang-3.4>
Replaces: <clang-3.5>
```

```
$ apt-cache policy clang-6.0
clang-6.0:
```

```
Installed: 1:6.0-1ubuntu2
Candidate: 1:6.0-1ubuntu2
Version table:
*** 1:6.0-1ubuntu2 500
    500 http://ca.archive.ubuntu.com/ubuntu bionic/universe amd64 Packages
    100 /var/lib/dpkg/status
```

So, you just enable the universe repository and then install clang - either from the software store or from the command line using

```
sudo apt update
sudo apt install clang
```

answered Jul 23 '18 at 2:13



[steeldriver](#)steeldriver

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Adding to @steeldriver's answer, clang is a dependency package providing the default clang version, which is 6.0 in Bionic.

You may have better luck installing the clang-6.0 package directly:

```
sudo apt-get update
sudo apt-get install clang-6.0
```

answered Aug 4 '18 at 18:03



[valiano](#)valiano

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You can install clang-6.0 on Ubuntu 18.04 using official LLVM repository.

```
wget -O - https://apt.llvm.org/llvm-snapshot.gpg.key | sudo apt-key add -
sudo apt-add-repository "deb http://apt.llvm.org/bionic/ llvm-toolchain-bionic-6.0 main"
sudo apt update && sudo apt install clang-6.0
```

answered Aug 6 '18 at 7:31



[Ketan Patel](#)Ketan Patel

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You might be missing some necessary channels from sources.list.

**Step 1:** [Backup your repositories](#) and remove repository lists other than sources.list.

**Step 2:** Do `sudo gedit /etc/apt/sources.list` and make it look like this:

```
deb http://archive.ubuntu.com/ubuntu bionic main multiverse restricted universe
deb http://archive.ubuntu.com/ubuntu bionic-security main multiverse restricted universe
deb http://archive.ubuntu.com/ubuntu bionic-updates main multiverse restricted universe
```

Save and exit.

**Step 3:** Update your repository:

```
sudo apt update
```

**Step 4:** Install clang-6.0:

```
sudo apt install clang-6.0
```

answered Aug 6 '18 at 19:22



[Olimjon](#)Olimjon

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You can do as users above shared

```
sudo apt-get install clang-6.0
```

just that i want to pay your attention to this interesting [document : LLVM Debian/Ubuntu nightly packages](#)

to get a complete vision how to install **nightly packages**.

answered Oct 10 '18 at 19:25



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