Installing wxWidgets on Linux

[Website I used for this](#)

(1) Install the required packages

```
~$ sudo apt-get install libgtk-3-dev build-essential checkinstall
```

- libgtk-3-dev **~ GTK libraries**
- build-essential **~ C++ packages**
- checkinstall **~ To assert wxWidgets installation**

(2) [Download](#) the wxWidgets source code

(3) Place the wxWidgets source code in a permanent directory
Personally, I placed mine in ~/sdks/

(4) Create a gtk build directory within the wxWidgets directory

```
~/sdks/wxWidgets-3.1.5$ mkdir gtk-build; cd gtk-build
```

(5) Within the gtk build directory, configure and build wxWidgets

```
~/sdks/wxWidgets-3.1.5/gtk-build$ ../configure --disable-shared --enable-unicode
~/sdks/wxWidgets-3.1.5/gtk-build$ make
~/sdks/wxWidgets-3.1.5/gtk-build$ sudo make install
```

To test the installation, compile any program from the repository with

```
cmake -G "Unix Makefiles" -S ./ -B ./build/
```