

# How to download, compile and run git from the source code.

All commands showed here should be inserted in a unix terminal:

1. First you need to install the following libraries: curl, zlib, openssl, expat, and libiconv.
  - `sudo apt-get install libcurl4-openssl-dev zlib1g-dev openssl libexpat1-dev libiconv*`
2. Download the source code for git from github:
  - `git clone https://github.com/git/git.git`
3. enter in the repository:
  - `cd git/`
4. compile the code:
  - `make`
5. install it at the ~/bin/ repository
  - `make install`

## ----- Test git -----

1. Go to your home directory:
  - `cd ~/`
2. Clone a repository from github:
  - `./git/git clone https://github.com/lisa-lab/DeepLearningTutorials.git`

## ----- Experience -----

1. (Danzel) Had a little trouble cloning and compiling the code because of little typing mistakes, not yet use to writing directly to a command line, made a "work space" directory to keep all my work organized. Learned to always be aware of what directory I'm in because it affects the commands I use. The cloning and building process took a while to finish, not sure if it has anything to do with the fact that I am using VirtualBox or just that there are a lot of files being managed.