

Cool – Installation Instructions

Steps

Install packages (If you only intend to use the C++ version, you don't need the jdk). For Ubuntu:

1. `sudo apt-get install flex bison build-essential csh openjdk-6-jdk libxaw7-dev`

2. Make the `/usr/class` directory:

```
sudo mkdir /usr/class
```

3. Make the directory owned by you:

```
sudo chown $USER /usr/class
```

4. Go to `/usr/class` and download the tarball:

```
cd /usr/class
```

5. `wget http://spark-university.s3.amazonaws.com/stanford-compilers/vm/student-dist.tar.gz`

6. Untar:

```
tar -xf student-dist.tar.gz
```

7. Add a symlink to your home directory:

```
ln -s /usr/class/cs143/cool /cool
```

8. Add the bin directory to your `$PATH` environment variable. If you are using bash, add to your `.profile` (or `.bash_profile`, etc. depending on your configuration; note that in Ubuntu have to log out and back in for this to take effect):

```
PATH=/usr/class/cs143/cool/bin:$PATH
```