Installing Losoto in a Virtual environment

- Tested/installed on an generic ubuntu 14.04

```
# install the following packages (with apt-get, aptitude or so):
python-virtualenv libhdf5-serial-1.8.4 libhdf5-serial-dev python-tables
python-progressbar

# First create a virtual environment
virtualenv losoto
# Enter the environment with the following command
source losoto/bin/activate
# (re-)install some packages
pip install numpy
pip install numexpr
pip install cython
pip install tables
pip install progressbar
pip install matplotlib
#</code>
#Next download ATLAS and lapack. You can get ATLAS from
[[http://sourceforge.net/projects/math-atlas/]] and lapack from
[[http://www.netlib.org/lapack/#_software]]. Untar ATLAS
#<code>
#cd losoto
#wget
http://downloads.sourceforge.net/project/math-atlas/Stable/3.10.2/atlas3.10.
2.tar.bz2
#mkdir -p ATLAS/BUILD; cd ATLAS/BUILD
#../configure -b 64 -Fa alg -fPIC --with-netlib-lapack-
tarfile=/home/user/lapack-3.5.0.tgz --prefix=/home/user/bin/ATLAS/
#make; cd lib; make shared; make ptshared; cd ..; make install
#export ATLAS = <prefix dir>
pip install scipy
#Download wcs and untar
#./configure --prefix=/home/user/bin/wcs/; make; make install
#./batchbuild.py --prefix=/home/user/bin/pyrap/ --lapack-
root=/home/user/bin/ATLAS/ --lapack-lib=/home/user/bin/ATLAS/lib --wcs-
root=/home/user/bin/wcs
```

- Finally, download losoto from https://github.com/revoltek/losoto
- git clone https://github.com/revoltek/losoto
- You need to enter the virtual environment before running losoto. So run

```
source losoto/bin/activate
```

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