

# Qiime1

Instructions: <http://qiime.org/install/install.html>

```
wget https://repo.continuum.io/miniconda/Miniconda3-latest-Linux-x86_64.sh
chmod u+x Miniconda3-latest-Linux-x86_64.sh
./Miniconda3-latest-Linux-x86_64.sh
```

When installing Miniconda it will prompt you for a pathname if not it will default to \$HOME/miniconda3 if you started from your home directory.

Python is lots of small files so it is best to use /DFS-B/DATA on the new system, in my case /DFS-B/DATA/staff/santucci/miniconda3 or /DFS-B/DATA/<group/pi-name>/<username>.

Results in updating:

```
/export/home/santucci/.bashrc
```

Original .bashrc can be found:

```
/export/home/santucci/.bashrc-miniconda3.bak
```

```
# source .bashrc
. ~/.bashrc

# update your conda environment
conda update -n base conda

# create virtual environment
conda create -n qiime1 python=2.7 qiime matplotlib=1.4.3 mock nose -c bioconda

# activate qiime1 in python virtual environment
source activate qiime1

# deactivate qiime1 in python virtual environment
source deactivate

# destroy/revert back to original conda environment
conda remove --name qiime1 --all
```

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