

CMB/BMP 450/550 Virtual Server Setup

Connect

- host: 3.208.105.77

Setup Conda

```
wget https://repo.anaconda.com/archive/Anaconda3-2024.06-1-Linux-x86_64.sh
```

```
chmod 755 Anaconda3-2024.06-1-Linux-x86_64.sh
```

```
./Anaconda3-2024.06-1-Linux-x86_64.sh
```

```
Welcome to Anaconda3 2024.06-1
```

```
In order to continue the installation process, please review the license agreement.
```

```
Please, press ENTER to continue
```

```
>>> (press ENTER)
```

```
...
```

```
Do you accept the license terms? [yes|no]
```

```
>>> yes
```

```
...
```

```
Anaconda3 will now be installed into this location:
```

```
/home/cshen/anaconda3
```

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

```
[ /home/cshen/anaconda3] >>> (press ENTER)
```

```
...
```

```
*** AT COMPLETION, DISCONNECT AND CONNECT TO CONTINUE WITH BELOW ***
```

Install Packages (all except qiime)

```
conda config --add channels bioconda
conda config --add channels conda-forge
```

```
conda update conda -y
conda update conda-build -y
conda install conda-libmamba-solver -y
conda config --set solver libmamba
```

```
conda install blast hmmer fastqc trimmomatic bowtie2 raxml dfast megahit muscle prodigal -y
```

```
Channels:
```

- conda-forge
- bioconda
- defaults

```
Platform: linux-64
```

```
Collecting package metadata (repodata.json): done
```

```
Solving environment: \
```

Install Packages (qiime)

```
conda env create -n qiime2-tiny-2024.5 --file https://data.qiime2.org/distro/tiny/qiime2-tiny-2024.5-py39-linux-conda.yml
```

Qiime Extra Note

*** TO USE QIIME ***

```
conda activate qiime2-tiny-2024.5
```

*** TO SWITCH BACK TO BASE ENVIRONMENT FOR ALL OTHER PACKAGES ***

```
conda deactivate
```

Revision #5

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