# When you wonder why can't I install the packages I want on Toby

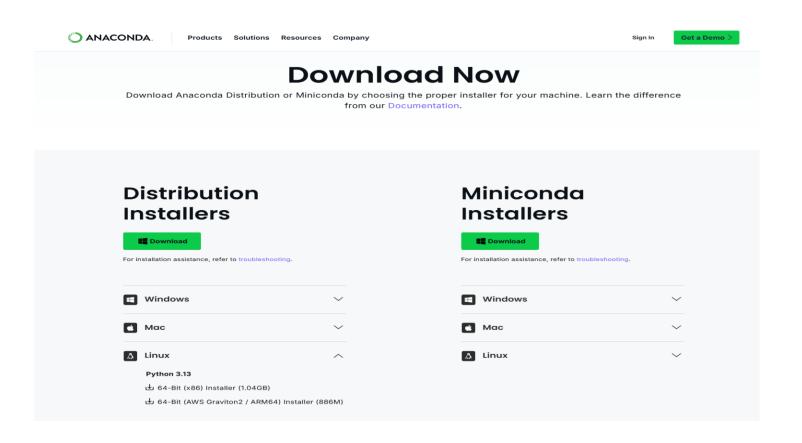
Time to get Conda there as well

#### --x11 limits etc. on CropDiversity

 It's a bit annoying that you cannot run most graphic interface on cropdiversity

# Download distribution installers

- https://www.anaconda.c om/download/success
- Download the corresponding package



#### Install Anaconda

Upload Anaconda3-2025.06-0-Linux-x86\_64.sh to Toby

#### • Run:

- chmod 700 Anaconda3-2025.06-0-Linux-x86\_64.sh
- ./Anaconda3-2025.06-0-Linux-x86\_64.sh
- conda init (finish setting up conda)

#### Add useful channels to conda config

- conda config --add channels bioconda
- conda config --add channels micromacro
- conda config --add channels dnachun
- conda config --add channels r
- conda config --add channels seqera
- conda config --add channels anaconda
- conda config --add channels conda-forge

### Get free alignment/mapping visualization tools

- Set up an environment for visualization purpose
  - conda create –n graphic
- Look for the packages
  - conda search aliview
  - conda search igv
  - Yes we do have them...
- Install packages!!! ---finally...
  - conda install aliview –y
  - conda install igv -y
  - Etc. etc.

## But if I'm working on CropDiversity, how could I get the files over to Toby for visualization?

- Time for scp
- template (when you are in Toby):
  - scp -r \$USER@gruffalo.cropdiversity.ac.uk:\$FULL\_PATH\_TO\_DIRECTORY\_OR\_FI LE \$PATH\_TO\_DESTINATION\_ON\_TOBY
- E.G. Copying an entire directory
  - scp -r
     zchen@gruffalo.cropdiversity.ac.uk:/home/zchen/scratch/Barcoding\_km/
    barcoding\_sanger\_47/results/phy7\_easy353trimal/.
- Then it will ask for your cropdiversity passphrase. If you enter the accurate password, the copying process should start