Prepare mini-Conda environment and install gaft GA-framework

*# 1. Get Miniconda-installer*

https://conda.io/miniconda.html

*# 1.2 Execute - installation will create conda-workspace in your home directory*

chose name for directory and allow to create PATH variable in .bashrc

*# 1.3 Create environment for project - confirm installation of basic packages*

conda create -n <env\_name> python

*# 1.4 activate it*

source activate <env\_name>

*# 1.5 upgrade pip*

pip install --upgrade pip

*# 2. Set up channels - execute the commands in given order for correct priorities*

conda config --add channels defaults

conda config --add channels bioconda

conda config --add channels conda-forge

*# 3. get openMPI and extract*

https://www.open-mpi.org

tar -xjf <filename.tar.bz2>

*# 3.1 install*

./configure --prefix=$HOME/<install dir> # and go get a coffee

make # go get another one

make install # you know the drill

*# 3.2 add to PATH in /home/<user>/.bashrc*

export PATH="$HOME/<install dir>/bin:$PATH"

*# 4. Install mpi4py (make sure that the environment is still active)*

pip install mpi4py

*# 5. Install gaft - the installation will actually install mpi4py if not present*

pip install gaft