RIPE Installation (on CentOS 7)

1. Install [Miniconda](#):
   a. Run: `wget https://repo.continuum.io/miniconda/Miniconda3-latest-Linux-x86_64.sh`
   b. Run: `sh Miniconda3-latest-Linux-x86_64.sh`
   c. Reboot the computer (or simply restart the shell)

2. Change to the folder that contains the RIPE code (e.g., `cd ~/RIPE`)

3. Create the ALFA Conda environment:
   a. Run: `conda create -n alfa python=3.6 scipy numpy requests`

4. Activate the ALFA Conda environment:
   a. Run: `conda activate alfa`
   b. Run: `source setup.sh`

5. Run RIPE unit tests:
   a. Run: `python -m unittest IonoModelEngine/Fit/SaoPyIface.py`
   b. Run: `python -m unittest IonoModelEngine/Fit/FitProfile.py`
   c. Run: `python -m unittest Framework/Manager.py`