**For Mac**

1. Install Python: https://www.python.org/downloads/macos/
2. Install Anaconda: https://www.anaconda.com/download
3. Make sure versions are correct in path:
   1. python –V and python3 –V should have the same version
   2. conda -V ensures anaconda exists
4. Make sure you have git and pip
5. Clone the repository and navigate to the EasyMocapWeb/myproject/EasyMocap directory:
   1. git clone https://github.com/zju3dv/EasyMocap.git
6. Create and enter the conda environment:
   1. conda create -n easymocap python=3.9 -y
   2. conda activate easymocap
7. Install pytorch:
   1. python3 -m pip install torch torchvision
   2. Make sure this works by:

A computer screen shot of a computer code

Description automatically generated

1. Install pyrender:
   1. python3 -m pip install pyrender
2. Install easymocap dependencies:
   1. python3 -m pip install -r requirements.txt
   2. python3 setup.py develop
   3. Note: if chumpy does not install correctly, it may be due to a problem with the python version (python and python3 version must match)
3. Install Yolov4+HRNet inside the easymocap directory
   1. Yolov4: (https://github.com/pjreddie/darknet/tree/master)
      1. Install Yolov4: <https://github.com/AlexeyAB/darknet>
         1. git clone https://github.com/AlexeyAB/darknet
         2. cd darknet
         3. mkdir build\_release
         4. cd build\_release
         5. cmake .. -DENABLE\_CUDA=OFF
         6. cmake –build . –target install –parallel 8
      2. Install HRNet:
         1. git clone <https://github.com/HRNet/HigherHRNet-Human-Pose-Estimation.git>
         2. git submodule update --init –-recursive
         3. pip install -r requirements.txt
         4. mkdir -p models/pytorch/pose\_coco/
      3. Use this image to download the weights (assuming you are inside the easymocap directory) (
         1. Place the yolov4 weight inside of darknet/data/models
         2. Place the hrnet weight inside of HigherHRNet-Human-Pose-Estimation/models/pytorch/pose\_coco

A screenshot of a chat

Description automatically generated

1. Install MediaPipe
   1. Already installed from the requirements.txt file (open cv is installed from this as well)
2. Navigate back to EasyMocapWeb/myproject/myproject directory and install Django
3. Run the user interface using the command ‘python manage.py runserver’