macOS_how_to_train

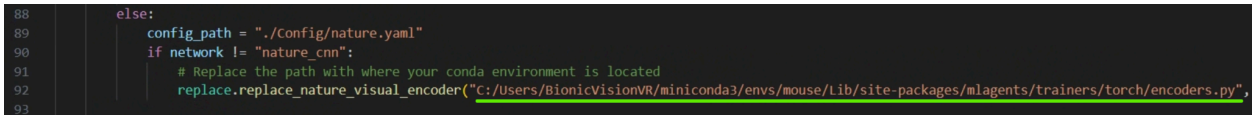
1. **How to open .app on macOS**
   chmod +x ./RandomTest.app/Contents/MacOS/*
   xattr -dr com.apple.quarantine ./RandomTest.app

2. **Install miniconda:**
   https://www.anaconda.com/docs/getting-started/miniconda/install#mac-os

   Install conda environment
   CONDA_SUBDIR=osx-64 conda create -n mouselegacy --file mouse_macos.yml
   conda activate mouselegacy

   Might have to install pandas: pip install pandas

3. **Where the encoder is:**
   Open **train.py** and replace the path with where the **encoders.py** file is located in your conda environment
   a. It's usually in your miniconda working directory. For example: /Users/bionicvision/miniconda3/envs/mouse/lib/python3.8/site-packages/mlagents/trainers/torch
   b. Troubleshooting: If it's too difficult to find, I recommend using Everything



4. **Run script**
   python train.py --runs-per-network 1 --env RandomTrain --network neurips,simple,fully_connected,resnet,alexnet

   python evaluate.py --model "/Users/bionicvision/Downloads/robustforaging_macOS/example_model.onnx" --log-name "example.txt" --episodes 10

One thing to notice: the path to log files might be different from Windows. It's under ./build/RandomTrain/