

To install ardupilot SITL

1. Conda activate ROS

2. git clone <https://github.com/ArduPilot/ardupilot.git>

3. For pexpect

```
pip install pexpect
```

4. For pymavlink

```
pip install pymavlink
```

5. For mavproxy

```
pip install mavproxy
```

6.

```
cd ~/Ardupilot
```

```
./waf distclean
```

```
git submodule deinit -f.
```

```
git clean -f-x -d
```

```
git pull
```

```
git submodule update --init --recursive
```

```
cd ArduPlane
```

```
../Tools/autotest/sim_vehicle.py -v ArduCopter -f heli -L MyLocation
```

```
../Tools/autotest/sim_vehicle.py --map --console
```