

I am on MacOS and scavenged the internet for 2 hours. The closest I got was

Terminal Commands:

```
brew tap PX4/px4
```

```
brew install px4-dev
```

```
pip3 install --user pyserial empy toml numpy pandas jinja2 pyyaml pyros-genmsg packaging
```

```
brew tap AdoptOpenJDK/openjdk
```

```
brew install px4-sim-jmavsim
```

```
cd YourDirectory
```

```
git clone https://github.com/PX4/Firmware.git --recursive
```

```
cd Firmware
```

```
make px4_sitl jmavsim
```

```
commander takeoff
```

```
commander land
```

But the simulator didn't open after "make px4_sitl jmavsim"

```
Traceback (most recent call last):
  File "/Users/sareenamann/UAVsGroundSchool/Firmware/Tools/msg/px_generate_uorb_topic_files.py", line 261, in <module>
    generate_output_from_file(generate_idx, f, args.outputdir, args.package, args.templatedir, INCL_DEFAULT, all_topics)
    ~~~~~^~~~~~
  File "/Users/sareenamann/UAVsGroundSchool/Firmware/Tools/msg/px_generate_uorb_topic_files.py", line 171, in generate_output_from_file
    return generate_by_template(output_file, template_file, em_globals)
  File "/Users/sareenamann/UAVsGroundSchool/Firmware/Tools/msg/px_generate_uorb_topic_files.py", line 187, in generate_by_template
    em.RAW_OPT: True, em.BUFFERED_OPT: True))
    ~~~~~^~~~~~
AttributeError: module 'em' has no attribute 'RAW_OPT'
[8/1074] Generating XRCE-DDS topic bridge
FAILED: [code=1] src/modules/uxrce_dds_client/dds_topics.h /Users/sareenamann/UAVsGroundSchool/Firmware/build/px4_sitl_default/src/modules/uxrce_dds_client/dds_to
ics.h
cd /Users/sareenamann/UAVsGroundSchool/Firmware/build/px4_sitl_default/src/modules/uxrce_dds_client && /opt/miniconda3/bin/python3 /Users/sareenamann/UAVsGroundSc
ool/Firmware/src/modules/uxrce_dds_client/generate_dds_topics.py --client-outdir /Users/sareenamann/UAVsGroundSchool/Firmware/build/px4_sitl_default/src/modules/u
rce_dds_client --dds-topics-file /Users/sareenamann/UAVsGroundSchool/Firmware/src/modules/uxrce_dds_client/dds_topics.yaml --template_file /Users/sareenamann/UAVs
GroundSchool/Firmware/src/modules/uxrce_dds_client/dds_topics.h.em
Traceback (most recent call last):
  File "/Users/sareenamann/UAVsGroundSchool/Firmware/src/modules/uxrce_dds_client/generate_dds_topics.py", line 133, in <module>
    interpreter = em.Interpreter(output=ofile, globals=merged_em_globals, options=(em.RAW_OPT: True, em.BUFFERED_OPT: True))
    ~~~~~^~~~~~
AttributeError: module 'em' has no attribute 'RAW_OPT'
[12/1074] Building CXX object boards/px4/sitl/src/CMakeFiles/drivers_board.dir/board_shutdown.cpp.o
inja: build stopped: subcommand failed.
make: *** [px4_sitl] Error 1
(base) sareenamann@Sareenas-MacBook-Air Firmware % commander takeoff

zsh: command not found: commander
(base) sareenamann@Sareenas-MacBook-Air Firmware %
```