

For Windows, assuming python 2.7 and pip are already installed.

Installing dronekit and dronekit-sitl

```
pip install dronekit  
pip install dronekit-sitl
```

http://python.dronekit.io/guide/quick_start.html#installation

Make sure your pymavlink is version 1.1.73, you can check it with:

```
pip list
```

If it is not version 1.1.73, run:

```
pip uninstall pymavlink  
pip install pymavlink==1.1.73
```

If you encounter any problems running the examples, try:

```
pip uninstall dronekit-sitl  
pip install git+https://github.com/dronekit/dronekit-sitl
```

<https://discuss.dronekit.io/t/solved-problem-running-any-of-the-examples/466>

Installing Mission Planner

<http://ardupilot.org/planner/docs/common-install-mission-planner.html>

Connecting to dronekit-sitl on python script

The connection string to a simulated vehicle is:

```
tcp:127.0.0.1:5760
```

http://python.dronekit.io/develop/sitl_setup.html

Connecting to dronekit-sitl on Mission Planner

Connect through TCP to 127.0.0.1:5763.

Getting the examples

```
git clone http://github.com/dronekit/dronekit-python.git
```

Clone dronekit-python repository from Github, it contains the examples.

http://python.dronekit.io/examples/running_examples.html

Running the project

The simplest way is to run launch.py. It will print instructions to using it to the console.

```
python launch.py
```

File contents

launch.py: Simple launcher with several arguments, running it without arguments will show instructions.

drone.py: Main API interface file.

frame_conversion.py: Auxiliary functions.