

```
1 import dronekit
2
3 def Connect(mode="udp",address=["127.0.0.1",14550]):
4     """ Connects to the vehicle defined in the arguments and returns its class
5         Admissible modes: udp (default), serial or tcp """
6
7     if mode=="serial":
8         connection_string=address[0]
9         baudrate=str(address[1])
10    elif mode=="udp":
11        connection_string=str(address[0])+":"+str(address[1])
12    elif mode=="tcp":
13        connection_string="tcp:"+str(address[0])+":"+str(address[1])
14    else:
15        raise Exception('Connection mode has to be "serial", "udp" or "tcp"')
16
17
18    print "Connecting on: %s" % connection_string
19    if mode=="serial":
20        vehicle=dronekit.connect(ip=connection_string,wait_ready=True,rate=50,baud=baudrate)
21    else:
22        vehicle=dronekit.connect(ip=connection_string,wait_ready=True,rate=50)
23
24    print "Vehicle connected"
25    return vehicle
```