

```
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
```