

RESEARCHTOOLS 2011 VIDEO 15

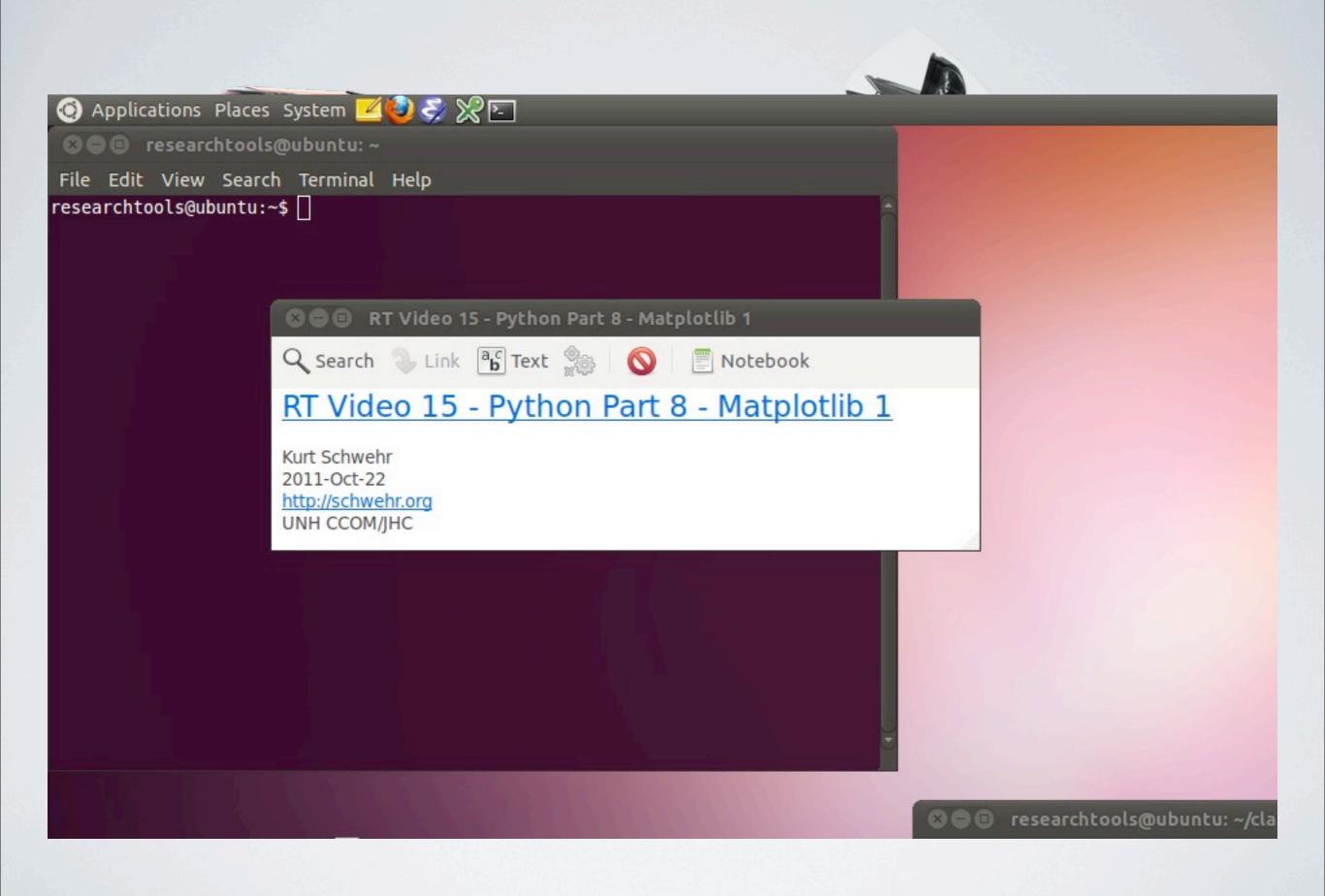
2011-Oct-23 Kurt Schwehr http://schwehr.org

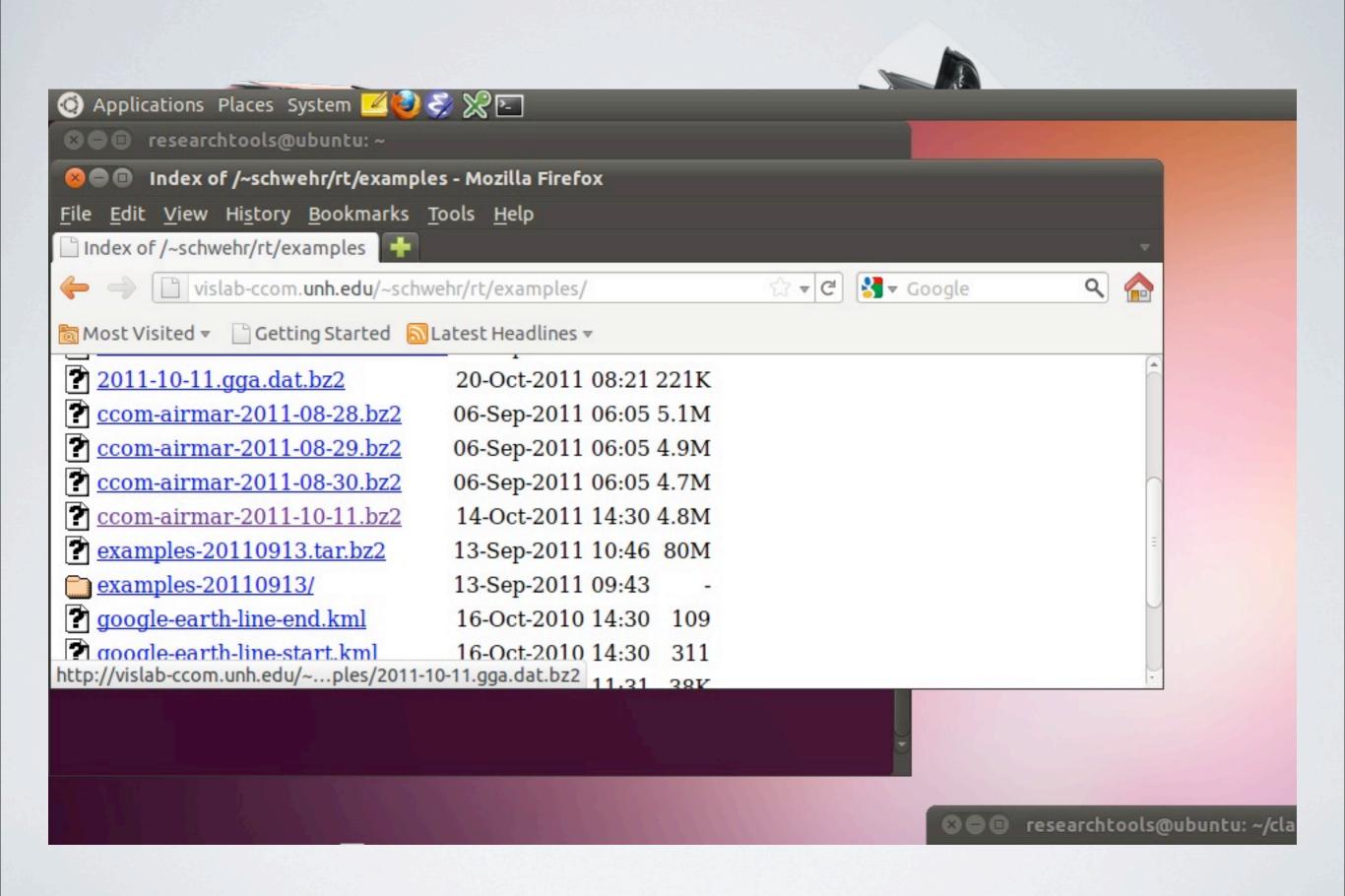
UNH CCOM/JHC
Python Part 8: Python 8 - Matplotlib part 1

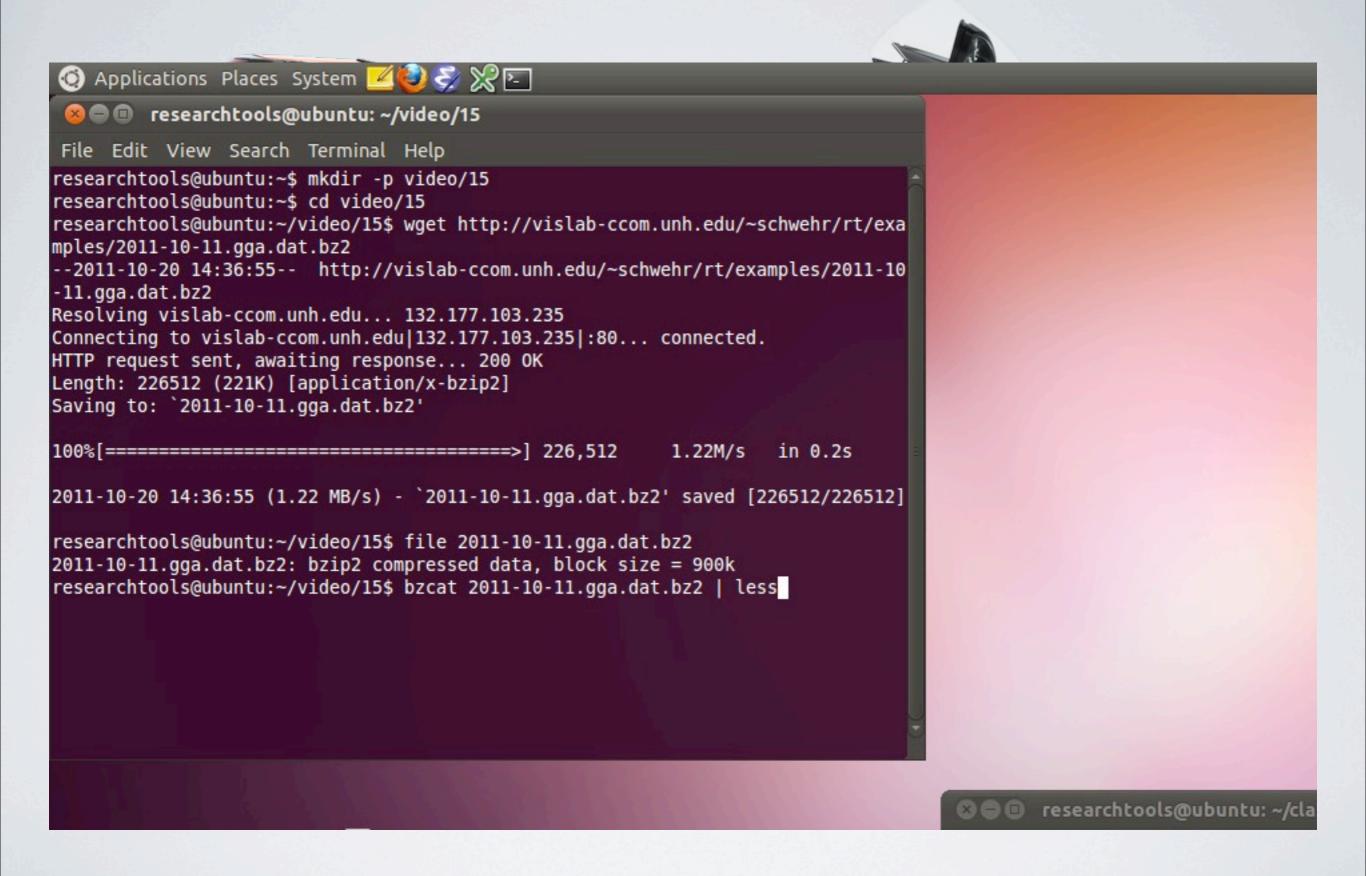


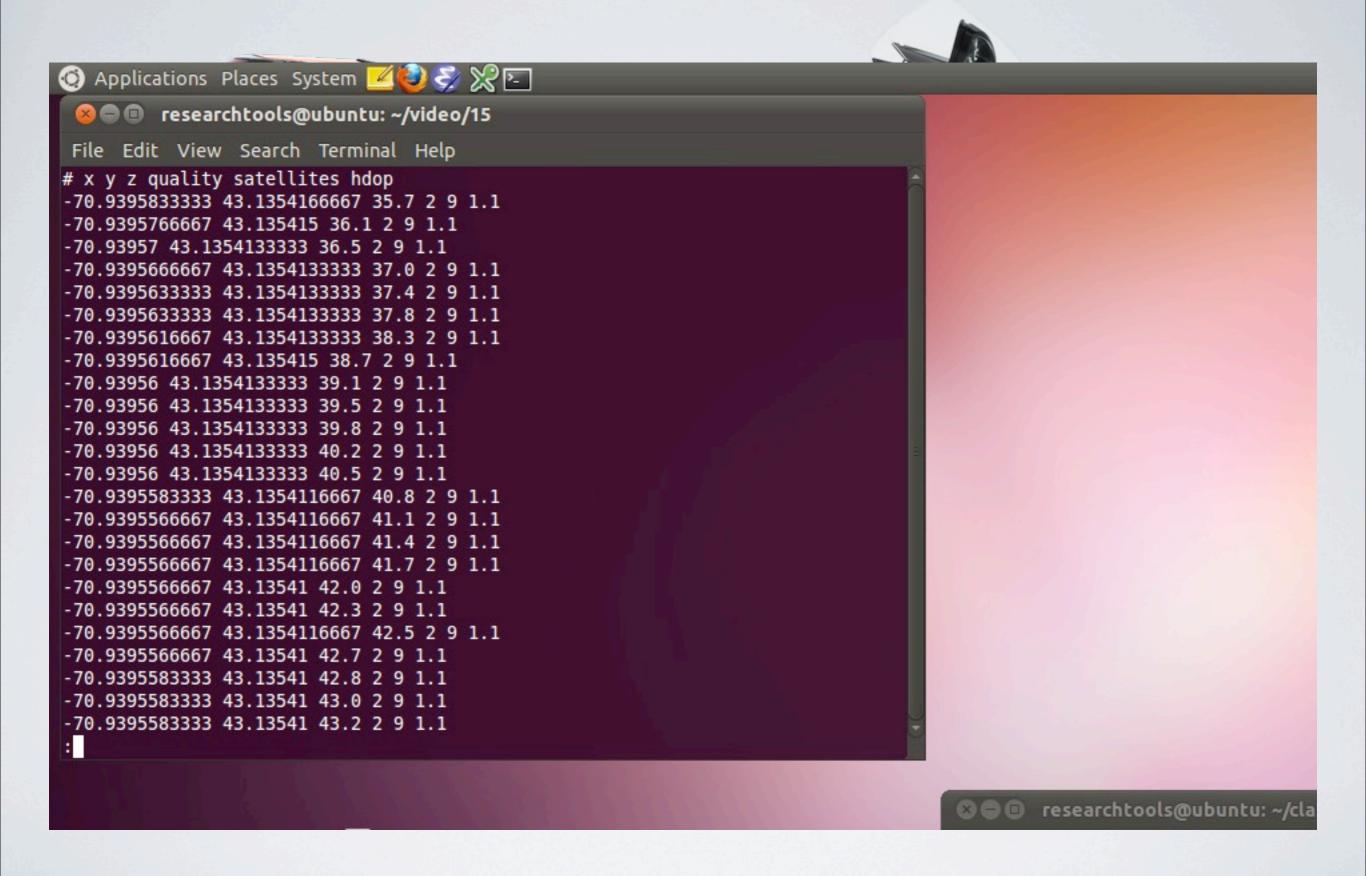
Sunday, October 23, 11

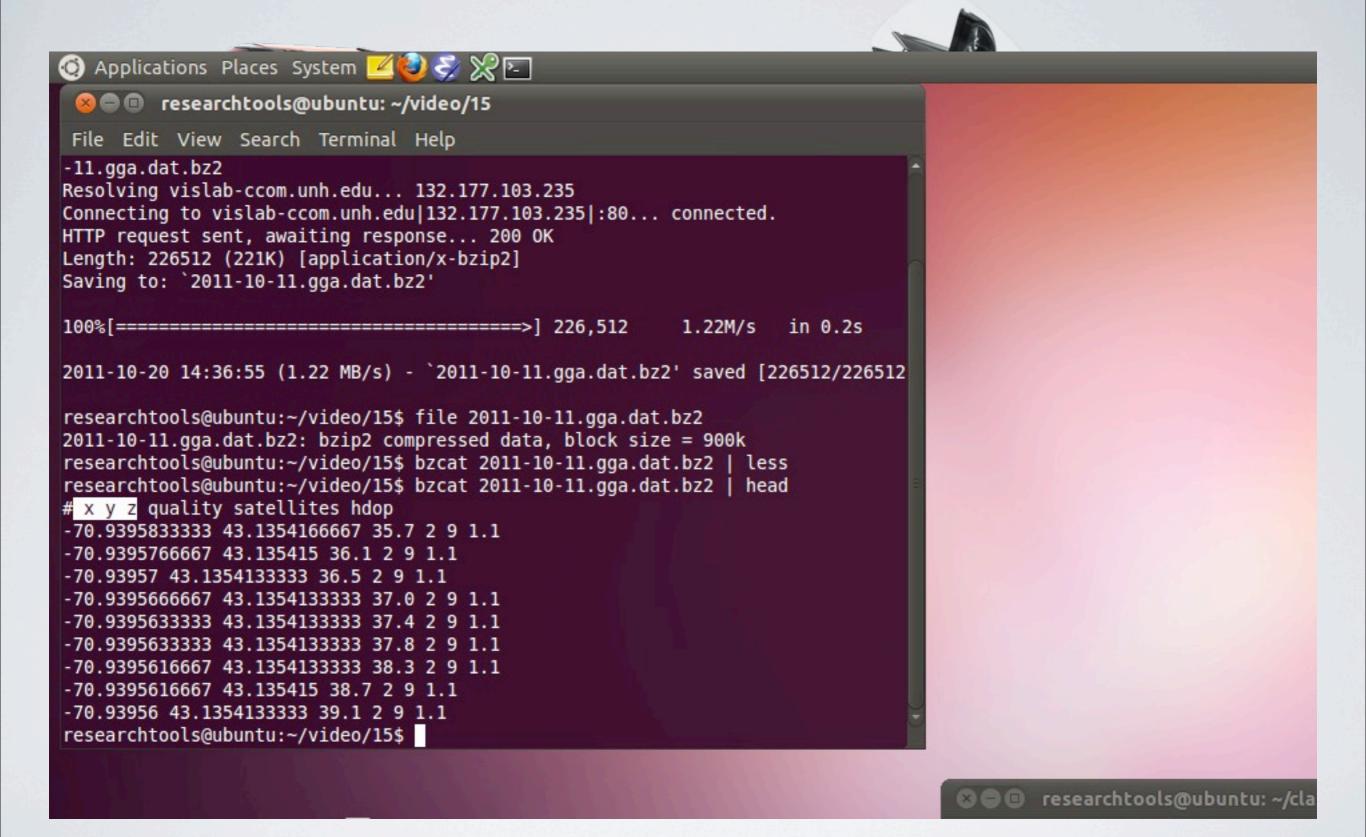
http://vislab-ccom.unh.edu/~schwehr/Classes/2011/esci895-researchtools/http://creativecommons.org/licenses/by-nc-sa/3.0/

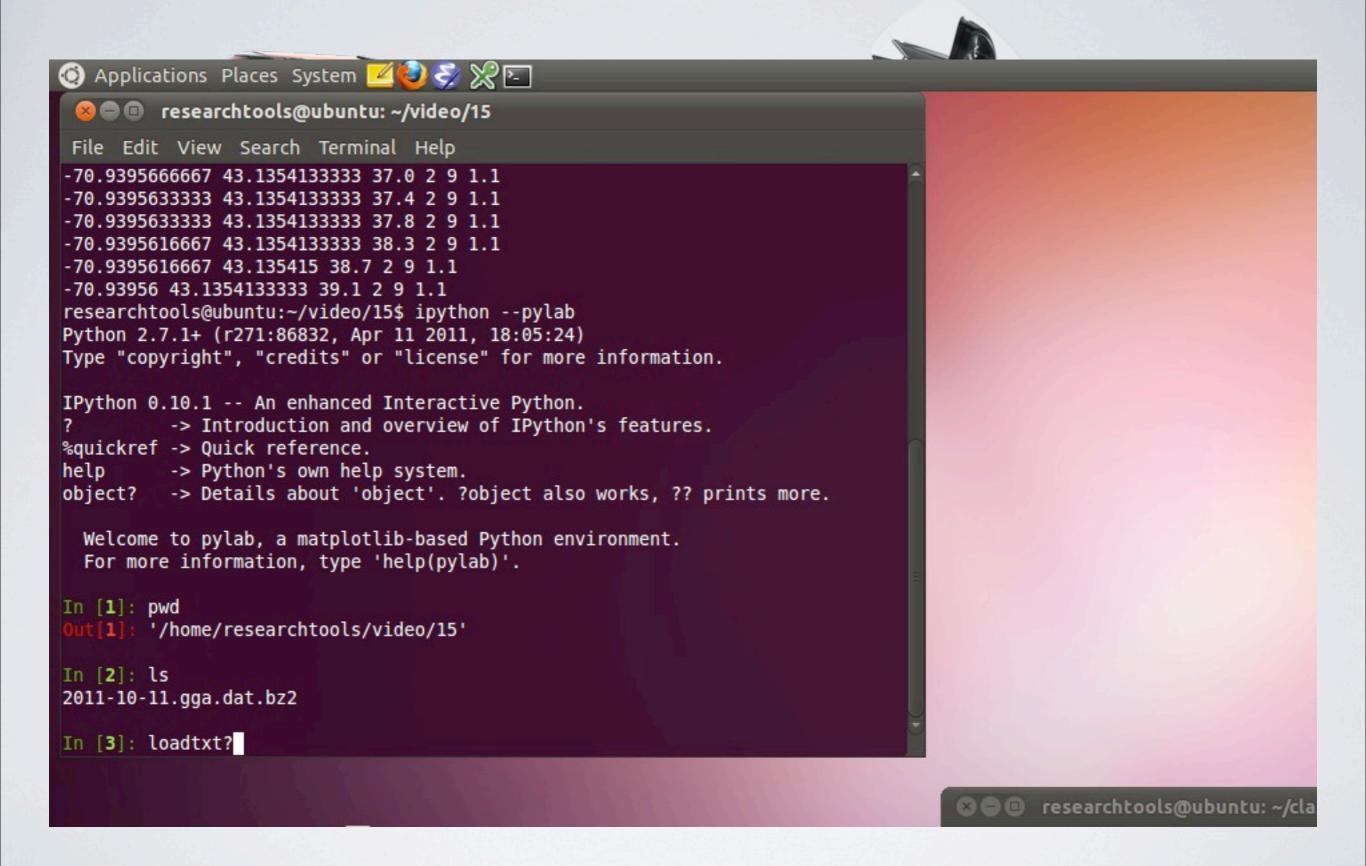


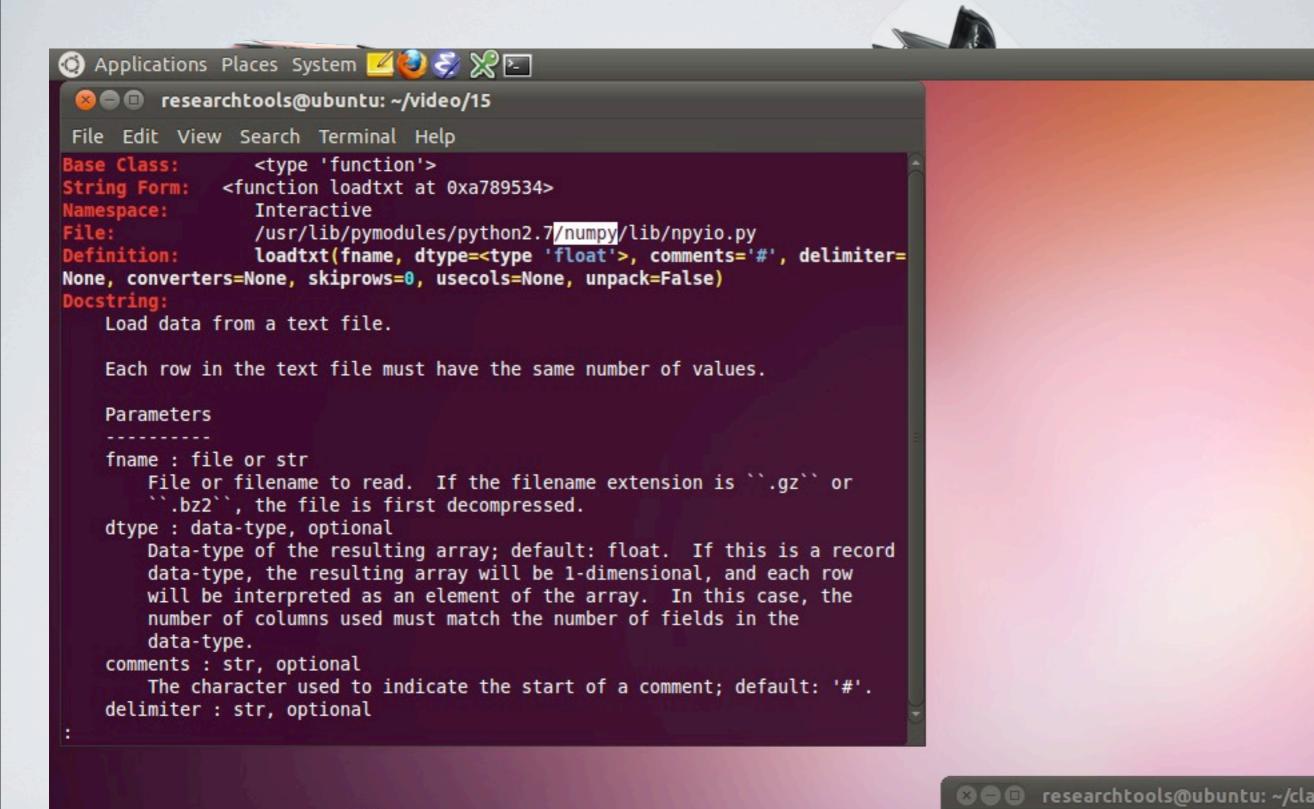












```
🔞 🖨 🗊 researchtools@ubuntu: ~/video/15
File Edit View Search Terminal Help
In [3]: loadtxt?
In [4]: data = loadtxt('2011-10-11.gga.dat.bz2')
In [5]: type (data)
Out[5]: <type 'numpy.ndarray'>
In [6]: len(data)
Out[6]: 86330
In [7]: !bzcat 2011-10-11.gga.dat.bz2 | wc -l
86331
In [8]: data[0]
array([-70.93958333, 43.13541667, 35.7 , 2.
       9. , 1.1 ])
In [9]: whos
Variable Type Data/Info
     ndarray 86330x6: 517980 elems, type `float64`, 4143840 bytes (3 M
data
b)
In [10]: del(data
                                                                       🔞 🖨 📵 researchtools@ubuntu: ~/cla
```

