ObsPy: Seismological Signal Processing

ObsPy Workshop

ObsPy Developers

SED/ETHZ

Zurich, Sept 6-8 2012

Advanced example - Instrument correction

```
from obspy.core import read
from obspy.signal import cornFreq2Paz
paz_sts2 = {
        "poles": ...
        "zeros": [0j, 0j],
        "gain": 60077000.0,
        "sensitivity": 2516778400.0}
paz_1hz = cornFreq2Paz(1.0, damp=0.707)
st = read()
st.simulate(paz_remove=paz_sts2, paz_simulate=paz_1hz)
```

- The PAZ can also be retrieved from one the webservices, or from a SEED or RESP file.