

# ObsPy - Waveform Plugins and Clients

ObsPy Workshop

ObsPy Developers

SED/ETHZ

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## Clients - Getting waveform data from the web

**ObsPy** has clients for **NERIES**, **IRIS**, **ArcLink**, **SeisHub** and **Earthworm**.

```
»» from obspy.neries import Client
»» from obspy.core import UTCDateTime
»» client = Client(user="test@obspy.org")
»» dt = UTCDateTime("2009-08-20 04:03:12")
»» st = client.getWaveform("BW", "RJOB", "", "EH*",
                           dt - 3, dt + 15)
```

- Similar interfaces for the other clients.
- The returned Stream object is already known.
- Therefore it does not matter if the source of the data is the internet or a local file.

## Clients - Retrieving other data

The webservice are not limited to retrieving waveform data. Depending on the client module used, the available data includes:

- Event data (soon to be integrated in the new Event class).
- Inventory and response data.
- Availability information.
- ...