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Retrieve waveforms via FDSN webservice

fdsnws: <network> <station> <location> <channel> <start> <seclength>

or

fdsnws: <circledef> <station> <location> <channel> <start> <seclength>

or

fdsnws: <bulkfile>

Description

parameters

- <network> *parameter type: string*
Network code or comma separated list of network codes to request stations from. Examples "GR" or "GR,TH".
- <station> *parameter type: string*
Station or comma separated list of stations data from. Accepts wildcards. Examples "GRA1", "GRA1,GRA2", "GR*" or "*".
- <location> *parameter type: string*
Location code or comma separated list of location codes. Accepts wildcards. Examples ",00" or "*".
- <channel> *parameter type: string*
Channel code. Accepts wildcards. Examples "BHZ", "BH*" or "*".
- <starttime> *parameter type: string*
Start time in SH notation. Example "12-Jul-2015_06:30:22".
- <seclength> *parameter type: float*
Length of requested data window in s.
- <circledef> *parameter type: list of float*
Comma separated triple of floating point numbers, specifying latitude, longitude of a location on earth and radius in deg around this point. Data from all stations known to the FDSN server and located in this circle around point (latitude,longitude) are returned in this request. Example "49.,11.,1".
- <bulkfile> *parameter type: string*
File containing the data request to the FDSN server. Format see qualifier "/bulkline". Currently FDSN servers deliver data which are not properly aligned to the time windows specified, but contain complete SEED records.

qualifiers

- /addr
Specify FDSN server or alias name. Default server is read from configuration file, section [fdsnws], variable "default_data_source". Known server names are "BGR", "GFZ", "INGV", "IRIS" and others, see ObsPy? documentation.

- /bulkline

Do not process the given request but return a line for a bulk request. Combined with the "echo" command a bulk request file can be assembled. Does not work with <circledef> parameter.

example

```
fdsnws gr gr* * bhz 17-aug-15_8:30 300
```

Reads five minutes of GRF array data from the default FDSN server. See "help;; command for more examples.