

Python ERA-40 examples

- ERA-40 Pressure levels
- ERA-40 Surface

See [Brief request syntax](#) to understand each keyword.

ERA-40 Pressure levels

Relative humidity, 2m temperature, 10m u wind component, 10m v wind component. 60 levels. August 2002.

[ECMWF Public Dataset web interface](#)

```
#!/usr/bin/env python
from ecmwfapi import ECMWFDataServer

server = ECMWFDataServer()

server.retrieve({
    'stream'      : "oper",
    'levelist'    : "1/2/3/5/7/10/20/30/50/70/100/150/200/250/300/400/500
/600/700/775/850/925/1000",
    'levtype'     : "pl",
    'param'       : "130.128/131.128/132.128/157.128",
    'dataset'     : "era40",
    'step'        : "0",
    'time'        : "00/06/12/18",
    'date'        : "2002-08-01/to/2002-08-31",
    'type'        : "an",
    'class'       : "e4",
    'target'      : "era40_2002-08-01to2002-08-31_00061218.grib"
})
```

ERA-40 Surface

2m temperature. February 2002.

[ECMWF Public Dataset web interface](#)