

# Python CAMS real-time examples

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

## CAMS real-time surface forecast

Total aerosol optical depth at 550 nm, 120 steps 11 first days of June 2016, see also [ECMWF Public Dataset web interface](#)

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

server = ECMWFDataServer()

server.retrieve({
    'stream'      : "oper",
    'levtype'     : "sfc",
    'param'       : "aod550",
    'dataset'     : "cams_nrealtime",
    'step'        : "0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48/51/54/57/60/63/66/69/72/75/78/81/84/87/90/93/96/99/102/105/108/111/114/117/120",
    'expver'      : "0001",
    'time'        : "00",
    'date'        : "2016-06-01/to/2016-06-11",
    'type'        : "fc",
    'class'       : "mc",
    'target'      : "cams_nrealtime.grib"
})
```