

日程表





Brief request syntax

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Introduction

This is a brief introduction of the main request parameter syntax.

☐ We recommend that you get familiar with datasets and their availability using http://apps.ecmwf.int/datasets/

You can also get the request syntax using "View MARS request" feature.

Syntax

```
verb,
keyword1 = value1,
... = value2,
keywordN = valueN
```

- verb: action to be taken (e.g. retrieve, list, read)
- keyword: a known MARS variable, e.g. type or date
- value: value assigned to the keyword, e.g. Analysis or temperature

Retrieve example from "View MARS request":

retrieve, stream=oper, levtype=sfc, param=165.128/41.128, dataset=interim, step=0, grid=0.75/0.75, time=00, date=2013-09-01/to/2013-09-30, type=an, class=ei

Python equivalence

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

server = ECMWFDataServer()

server.retrieve({
    'dataset' : "interim",
    'time' : "00",
    'date' : "2013-09-01/to/2013-09
    'step' : "0",
    'type' : "an",
```



Keyword

In the Dataset service there is an extra mandatory keyword called **dataset** which does not appear in normal MARS requests.

Keyword	definition
dataset	See Available Datasets
format	You can add 'format': "netcdf" to retrieve the data in NetCDF format.

the other possible MARS keywords are explained in the Legacy MARS keywords documentation.

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