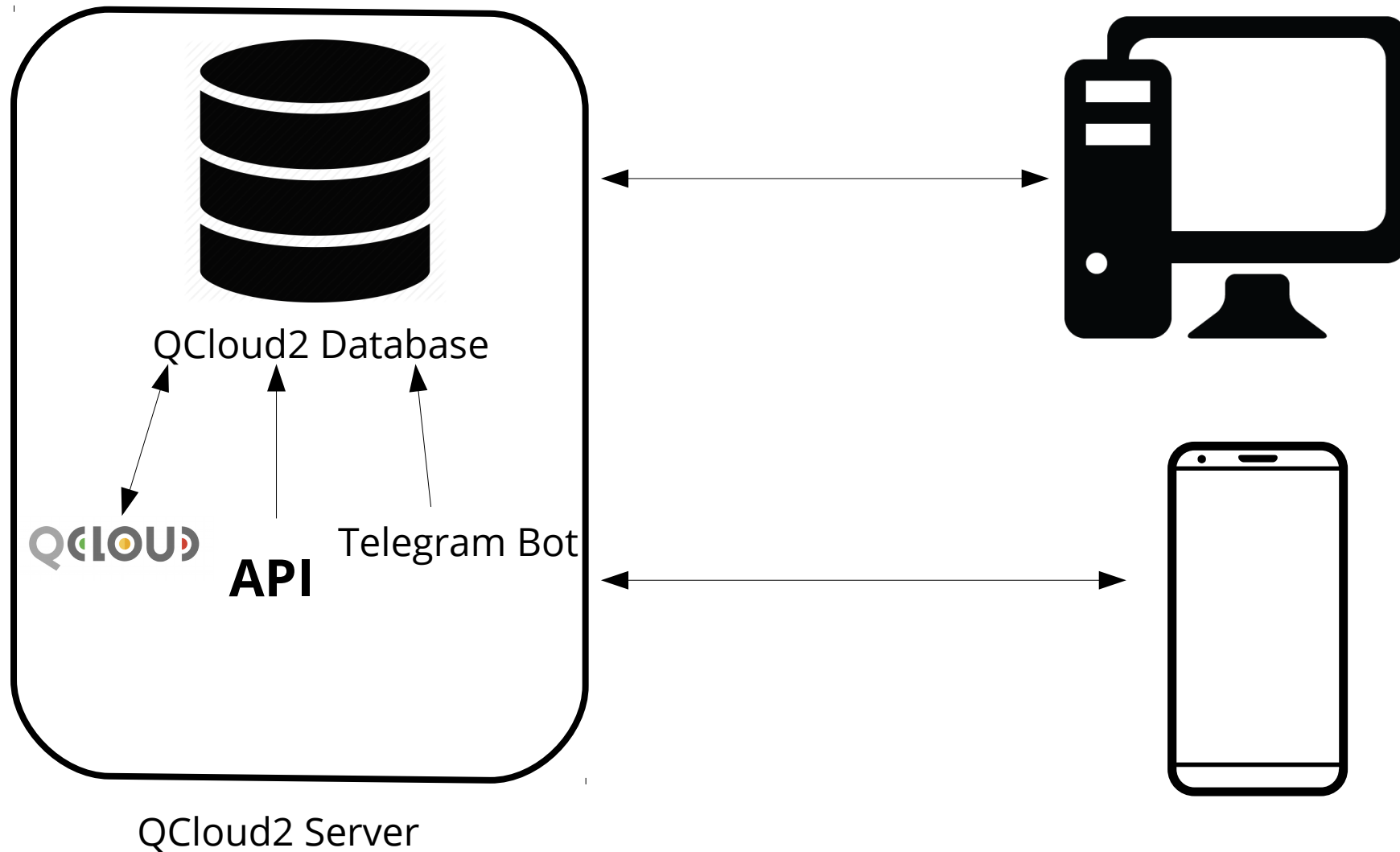




CALL API V1 release

Basic diagram



Technology

- Python 3.4
- Anaconda
- Flask
- Flask Restful (<https://github.com/flask-restful/flask-restful>)
- Flask Restplus (<https://github.com/noirbizarre/flask-restplus>)
- Flask http_auth (<https://github.com/miguelgrinberg/Flask-HTTPAuth>)

Authentication

- API basic authentication (user and password)
- Static credentials (same for everyone)
- Authentication required in request headers for all requests

API purpose

- Retrieve all QCloud2 C4L data.
- JSON response
- Date filters
- All parameters are required

start_date	Time window start date
end_date	Time window end date
cv	MS type to perform the request

Get C4L data example

Retrieve the peak area between 2019-05-20 and 2019-07-20

Don't forget the request headers with the basic auth.

Request

```
curl --location --request GET
```

```
"http://qcloud2.crg.eu:5000/data?cv=QC%3A1001844&start_date=2019-05-20&end_date=2019-07-20"
```

Response

Look C4LAPIResponse.json

Documentation

Use the documentation page to perform the request and check the parameters.

Documentation URL

```
http://qcloud2.crg.eu:5000
```


Question time

