## CDR Api

Documentation

## GET /cdrs/reference/:reference

Retrieve individual CDR by the CDR Reference.

Parameters:

* reference: string. The reference of the CDR to retrieve.

Example:

GET /cdrs/reference/C5DA9724701EEBBA95CA2CC5617BA93E4

Response:

A json object with the following parameters : caller\_id,recipient,call\_date,end\_time,duration,cost,reference,currency,type

## GET /cdrs/stats

Retrieve a count and total duration of all calls in a specified time period. Time period is maxed to 1 month (error in case of bigger interval). Optional parameter : call\_type

Parameters:

* start\_time: date (yyyy-mm-dd). The start time of the time period to retrieve stats for.
* end\_time: date(yyyy-mm-dd). The end time of the time period to retrieve stats for.
* call\_type: enum (‘1’ , ‘2’) Optional filtering on the call type.

Example:

GET /cdrs/stats?start\_date=2016-08-01&end\_date=2016-08-28&call\_type=2

Response:

A json object with the following parameters :call\_count, total\_duration

## GET /cdrs/caller

Retrieve all CDRs for a specific Caller ID in a specified time period. Time period is maxed to 1 month (error in case of bigger interval). Optional parameter : call\_type

Parameters:

* caller\_id: int. The Caller ID to retrieve CDRs for.
* start\_time: date (yyy-mm-dd). The start time of the time period to retrieve CDRs for.
* end\_time: date (yyyy-mm-dd) The end time of the time period to retrieve CDRs for.
* call\_type: enum (‘1’ , ‘2’) Optional filtering on the call type.

Example:

/cdrs/caller?start\_date=2016-08-01&end\_date=2016-08-29&call\_type=1&caller\_id=441216000000

Response:

A json object of list format with the following parameters : caller\_id,recipient,call\_date,end\_time,duration,cost,reference,currency,type

## GET /cdrs/most\_expensive

Retrieve N most expensive calls, in GBP, for a specific Caller ID in a specified time period of maximum of 1 month, with optional filtering on the call Type.

Parameters:

* caller\_id: int. The Caller ID to retrieve expensive calls for.
* start\_time: date (yyyy-mm-dd).. The start time of the time period to retrieve expensive calls for.
* end\_time: date (yyyy-mm-dd).. The end time of the time period to retrieve expensive calls for.
* call\_type: enum (‘1’ , ‘2’). Optional filtering on the call type.
* limit: integer. The maximum number of expensive calls to retrieve.

Example:

GET /cdrs/most\_expensive/?start\_date=2016-08-01&end\_date=2016-08-28&call\_type=2&caller\_id=442036000000&n=1000

Response:

A json object of list format with the following parameters : caller\_id,recipient,call\_date,end\_time,duration,cost,reference,currency,type

## POST /data/load

Upload and load data from csv file.

The CSV file should have the following columns (in order)

caller\_id,recipient,call\_date,end\_time,duration,cost,reference,currency,type

Parameters:

* file: file. The data file to upload.

Example:

POST /data/load

Content-Type: multipart/form-data

[file=@data.csv](mailto:file%3D@data.csv)

Response:

A json object of list format with the following parameters : bad\_rows (number of rows that are not imported), message : CSV Imported