

Data

The data service will allow you to query raw data. This forms the basis of the 'Report Central' functionality.

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POST /api/viz/data

This API is meant to analyze millions of data points with latencies between a few seconds up to 15 minutes. The expected result set is in the range of 1 to 10K rows. **Limitations**

We also have a [batch export API](#) meant for larger result sets which can support any size.

Endpoint

/api/viz/data

Method

POST

Request parameters

Name	Required
x	Y
csrf	Y

Parameter description

x - contains a JSON query object array. An example Object looks like this:

```
[
  {
    "dimensions": [
      "advertiser_id"
    ],
    "measures": [
      "impressions_sum"
    ],
    "filters": [
      {
        "dimension": "date",
        "date_start": "2014-03-20",
        "date_end": "2014-03-27",
        "date_dynamic": null
      }
    ],
    "limit": "5000",
    "order": [
      {
        "key": "impressions_sum",
        "order": "desc"
      }
    ],
    "callback_id": "b02de879-4205-969a-582a-8c1587b77b34"
  }
]
```

You can send multiple queries in one request.

Explanation of the parameters

dimensions	See the list of available identifiers .
measures	See the list of available identifiers .

filters	<p>Filter on date dimension is required. It looks like this:</p> <pre data-bbox="326 186 1443 501">[{ "dimension": "date", "date_start": "2014-03-20", "date_end": "2014-03-27", "date_dynamic": null }]</pre> <p>You can also add additional filters, such as an advertiser filter:</p> <pre data-bbox="326 615 1443 858">{ "dimension": "advertiser_id", "include": ["7971"] }</pre>
limit	How many items to return. 5000 is the max.
order	On which measure(s) should the data be sorted.
batch_export	false or true (default = false) Allows to export large volumes of data through the API in a tab separated format. More documentation can be found here .
callback_id	This can be anything and it will be returned as is. It is used to keep track of queries when sending requests in parallel.

Example request:

```
curl -b cookies.txt -c cookies.txt --data "x=[url encoded json]"  
"https://platform.flxone.com/api/viz/data?csrf=[your csrf token]"
```

```
curl -b cookies.txt -c cookies.txt --data  
"x=%5B%20%7B%20%22callback_id%22%3A%20%2200001%22%2C%20%22dimensions%22%  
3A%20%5B%20%22advertiser_id%22%20%5D%2C%20%22filters%22%3A%20%5B%20%7B%2  
0%22date_dynamic%22%3A%20null%2C%20%22date_end%22%3A%20%222014-06-26%22%  
2C%20%22date_start%22%3A%20%222014-06-27%22%2C%20%22dimension%22%3A%20%2  
2date%22%20%7D%20%5D%2C%20%22limit%22%3A%20%225000%22%2C%20%22measures%2  
2%3A%20%5B%20%22impressions_sum%22%2C%20%22booked_revenue_sum%22%2C%20%2  
2click_sum%22%2C%20%22creative_verage_fees_sum%22%2C%20%22impressions_k  
ept_sum%22%2C%20%22impressions_rtb_sum%22%2C%20%22impressions_resold_sum  
%22%2C%20%22media_costs_advertiser_currency_sum%22%2C%20%22media_costs_i  
ncluding_fees_sum%22%2C%20%22media_costs_serving_fees_sum%22%2C%20%22med  
ia_costs_sum%22%2C%20%22network_profit_sum%22%2C%20%22network_revenue_su  
m%22%2C%20%22post_click_conversion_sum%22%2C%20%22post_view_conversion_s  
um%22%20%5D%2C%20%22order%22%3A%20%5B%20%7B%20%22key%22%3A%20%22impressi  
ons_sum%22%2C%20%22order%22%3A%20%22desc%22%20%7D%20%5D%20%7D%5D"  
"https://platform.flxone.com/api/viz/data?csrf=3d5c1e923baeb91f3c088d69e  
f0737d1"
```

You can also see examples of requests by using Report Central and looking at the Network requests.