

Data Warehouse Query Documentation

Querying your Data

Querying a specific source

Endpoint

`/api/query/<your group id>/<desired source id>/`

Requirements

You must provide a valid pair of `group_uid` and `source_uid` in the url.

By default, this will return the 1000 most recently entered rows in this table, by timestamp. To specify how many rows you would like, use query string parameter `limit=<desired row number>`.

Example

```
/api/XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX/YYYYYYYY-YYYY-YYYY-YYYY-
YYYYYYYYYYYY?`limit=10
```

Specifying your query

In order to filter your data, you must provide a query string. This query string can be highly customized to finetune your query.

Supported Operators

Operation	Query String	Effect	Example
<	__<	Less than operation	?temperature__<98.6
=<	__<=	Less than or equal to	?temperature__<=98.6
=	__eq	Equals this value	?temperature__eq=98.6
!=	__!	Not equals this value	?temperature__!=98.6
>	__>	Greater than operation	?temperature__>=98.6
>=	__>=	Greater than or equal to	?temperature__>=98.6
like	__like	String is like this value	?model_name__like=Civic
contains	__contains	String contains this value as substring	?model_name__contains=Civic
contained by	__contained_by	String is contained by this value	?car_brand__contained_by=2012%20Honda%20Civic

These operators can be applied in combination to further filter your query results.

Example of combined query operators

`?limit=100&temperature>100&volume<30` The above query string will filter the table where temperature is greater than 100, and the volume is less than 30, and will return only 100 rows at most.

To query a column, you can pass in a url_encoded column name, or the metric_uid you were given upon the handshake request. The metric_uid/column_name that you pass in must be a column or metric of the source.