Alphacast API Documentation

Release 1.0

Alphacast

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CHAPTER

ONE

ALPHACAST API DOCUMENTATION

Welcome to Alphacast API Documentation project.

Docs mantained in this project are publicly available at https://alphacast-api.readthedocs.io/

1.1 Contribute

We welcome collaborators to our API clients, documentation, or sources of information.

- Feel free to do a PR if you find opportunities to improve our doc.
- Issue Tracker: github.com/alphacastio/api-doc/issues
- If you are interested in Alphacast Datasets, Charts, or any of the work we do, feel free to contact us at hello@alphacast.io.

1.2 Installation

The API themselves don't require any installation to use them. You can use curl, python requests, whatever you feel more confortable with.

You can install Sphinx if you are interested in building the docs locally: https://www.sphinx-doc.org/en/master/usage/installation.html

Otherwise, just follow Restructured Text grammar: https://www.sphinx-doc.org/en/master/usage/restructuredtext/basics.html

1.3 Support

If you are having issues, please let us know: hello@alphacast.io

1.4 License

The project is licensed under the BSD license.

CHAPTER

TWO

API REFERENCE

Alphacast API is organized around REST. Our API has predictable resource-oriented URLs, accepts form-encoded request bodies, returns JSON-encoded responses or CSV files, and uses standard HTTP response codes, authentication, and verbs.

All API requests must be authenticated. Please refer to authentication.

2.1 Authentication

Alphacast API uses API keys to authenticate requests. You can contact hello@alphacast.io to get one.

Make sure you keep your API secure. Do not share your secret API keys in publicly accessible areas such as GitHub, client-side code, and so forth.

Authentication to the API is performed via HTTP Basic Auth. Provide your API key as the basic auth username value. You do not need to provide a password.

```
$curl https://charts.alphacast.io/api/datasets -u ak_somesomplekey:
# The colon prevents curl from asking for a password.
```

All API requests must be made over HTTPS. Calls made over plain HTTP will fail. API requests without authentication will also fail.

2.2 Datasets

Provides a JSON representation of all Datasets available under the user's account:

```
GET https://charts.alphacast.io/api/datasets

$curl https://charts.alphacast.io/api/datasets -u ak_somesamplekey:
# The colon prevents curl from asking for a password.
```

Response


```
[{
  "id": 5190,"name":"Inflation - Latin America - Inflation Explorer"
  },
  {
  "id": 5283,"name":"Monetary - Argentina - BCRA - SERIESE y BAS_Long"
}]
```

2.2.1 Dataset CSV download

Allows to download all available data for a given Dataset id:

```
GET https://charts.alphacast.io/api/datasets/5265.csv

$curl https://charts.alphacast.io/api/datasets/5265.csv -u ak_somesamplekey:
# The colon prevents curl from asking for a password.
```

Response

```
Entity,Year,Public Image - Very good,Public Image - Good,Public Image -␣
↪Regular,Public Image - Bad,Public Image - Very bad,Public Image - Net,
↪Public Image - Positive,Public Image - Negative,Public Image - Net -␣
↪Frente Amplio,Public Image - Net - Partido Nacional,Public Image - Net -␣
↪Partido Colorado,Public Image - Net - Cabildo Abierto
Beatriz Argimón,43830,0.17,0.28,0.26,0.16,0.1,0.19,0.46,0.27,-0.32,0.78,0.61,
↪0.57
Beatriz Argimón,43890,0.2,0.27,0.27,0.14,0.09,0.25,0.49,0.23,-0.27,0.81,0.4,
↪0.71
Beatriz Argimón,43951,0.16,0.32,0.28,0.11,0.08,0.29,0.5,0.2,-0.18,0.73,0.78,
↪0.67
Beatriz Argimón,44074,0.09,0.25,0.26,0.18,0.15,0,0.36,0.36,-0.51,0.61,0.54,0.
↪38
```

2.3 Charts

Coming soon

2.4 Entities

Coming soon

2.5 Countries

Coming soon

2.6 Variables

Coming soon