
loki-api-client Documentation

Release unknown

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CONTENTS

1	Contents	3
1.1	loki-api-client	3
1.2	License	3
1.3	Contributors	4
1.4	Changelog	4
1.5	loki_api_client	4
2	Indices and tables	7
	Python Module Index	9
	Index	11

This is the documentation of **loki-api-client**.

Note: This is the main page of your project's [Sphinx](#) documentation. It is formatted in [reStructuredText](#). Add additional pages by creating `rst`-files in `docs` and adding them to the [toctree](#) below. Use then [references](#) in order to link them from this page, e.g. [Contributors](#) and [Changelog](#).

It is also possible to refer to the documentation of other Python packages with the [Python domain syntax](#). By default you can reference the documentation of [Sphinx](#), [Python](#), [NumPy](#), [SciPy](#), [matplotlib](#), [Pandas](#), [Scikit-Learn](#). You can add more by extending the `intersphinx_mapping` in your Sphinx's `conf.py`.

The pretty useful extension [autodoc](#) is activated by default and lets you include documentation from docstrings. Docstrings can be written in [Google style](#) (recommended!), [NumPy style](#) and [classical style](#).

CONTENTS

1.1 loki-api-client

Add a short description here!

1.1.1 Description

A longer description of your project goes here...

1.1.2 Making Changes & Contributing

This project uses `pre-commit`, please make sure to install it before making any changes:

```
pip install pre-commit
cd loki-api-client
pre-commit install
```

It is a good idea to update the hooks to the latest version:

```
pre-commit autoupdate
```

Don't forget to tell your contributors to also install and use `pre-commit`.

1.1.3 Note

This project has been set up using PyScaffold 4.0.2. For details and usage information on PyScaffold see <https://pyscaffold.org/>.

1.2 License

The MIT License (MIT)

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1.3 Contributors

- Anand Sanmukhani <asanmukh@redhat.com>

1.4 Changelog

1.4.1 Version 0.1

- Feature A added
- FIX: nasty bug #1729 fixed
- add your changes here!

1.5 loki_api_client

1.5.1 loki_api_client package

Submodules

loki_api_client.loki_connect module

A Class for collection of logs from a Loki host.

References

- <https://requests.readthedocs.io/>
- <https://grafana.com/docs/loki/latest/api/>

```
class loki_api_client.loki_connect.LokiConnect(url: str = 'http://127.0.0.1:3100', headers:
Optional[dict] = None, disable_ssl: bool = False,
retry: Optional[urllib3.util.retry.Retry] = None,
ignore_http_errors: bool = False)
```

Bases: `object`

A Class for collection of metrics from a Loki Host.

Parameters

- **url** (*str*) – url for the loki host

- **headers** (*dict*) – A dictionary of http headers to be used to communicate with the host. Example: {"Authorization": "bearer my_oauth_token_to_the_host"}
- **disable_ssl** (*bool*) – If set to True, will disable ssl certificate verification for the http requests made to the host
- **retry** (*Retry*) – Retry adapter to retry on HTTP errors

query(*query*: *str*, *limit*: *int* = 10, *time*: *Optional*[*str*] = None, *direction*: *str* = 'backward', *params*: *Optional*[*dict*] = None) → *dict*

Check if Loki host is ready to accept traffic. Ref: <https://grafana.com/docs/loki/latest/api/#query>

Parameters

- **query** (*str*) – The LogQL query to perform.
- **limit** (*int*) – The max number of entries to return.
- **time** (*str*) – The evaluation time for the query as a nanosecond Unix epoch. Defaults to now.
- **direction** (*str*) – Determines the sort order of logs. Supported values are “forward” or “backward”. Defaults to “backward”.
- **params** (*dict*) – Optional dictionary containing parameters to be sent along with the API request.

Returns A json of queried log data.

Return type *dict*

ready(*params*: *Optional*[*dict*] = None) → *bool*

Check if Loki host is ready to accept traffic. Ref: <https://grafana.com/docs/loki/latest/api/#get-ready>

Parameters **params** (*dict*) – Optional dictionary containing parameters to be sent along with the API request.

Returns True if the host is ready, False if the endpoint is not ready.

Return type *bool*

Module contents

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`

PYTHON MODULE INDEX

|

`loki_api_client`, [5](#)

`loki_api_client.loki_connect`, [4](#)

INDEX

L

`loki_api_client`
 module, [5](#)

`loki_api_client.loki_connect`
 module, [4](#)

`LokiConnect` (class in *loki_api_client.loki_connect*), [4](#)

M

module
 `loki_api_client`, [5](#)
 `loki_api_client.loki_connect`, [4](#)

Q

`query()` (*loki_api_client.loki_connect.LokiConnect*
 method), [5](#)

R

`ready()` (*loki_api_client.loki_connect.LokiConnect*
 method), [5](#)