
annorepo-python-client Documentation

Release latest

Apr 24, 2023

CONTENTS

1	Installation	3
2	Documentation	5
2.1	Usage	5
2.2	swagger info	5
2.3	W3C Web Application Protocol	6
3	Support	7
4	Contribute	9
5	License	11

Python client to access an [AnnoRepo](#) server.

INSTALLATION

using pip:

```
pip install annorepo-client
```

using poetry:

```
poetry add annorepo-client
```

Read more on [basic usage](#)

2.1 Usage

2.1.1 initializing the client

Initialize the client with the base URL of the annorepo server to connect to.

```
from annorepo.client import AnnoRepoClient

client = AnnoRepoClient("http://localhost:8080/")
```

optional extra parameters are:

- *timeout* (int): to set a custom timeout (in seconds) for all requests
- *api_key* (str): the api key to use as authentication for all requests
- *verbose* (bool / default: False): return extra information when a request fails

2.1.2 getting some basic information about the server

```
about = client.get_about()
```

2.2 swagger info

2.2.1 getting the swagger info as json

```
swagger_json = client.get_swagger_json()
```

2.2.2 getting the swagger info as yaml

```
swagger_yaml = client.get_swagger_yaml()
```

2.3 W3C Web Application Protocol

2.3.1 Annotation Containers

Creating an annotation container with a generated name

```
container_identifier = client.create_container()
```

Creating an annotation container with a custom name

```
container_identifier = client.create_container("custom_name")
```

Reading some information about an annotation container with the given name

```
container_info = client.get_container("custom_name")
```

Removing an annotation container with the given name, will fail when the container still contains annotations

```
client.delete_container("custom_name")
```

SUPPORT

If you are having issues, please let us know at:

<https://github.com/knaw-huc/annorepo-python-client/issues>

CONTRIBUTE

Want to improve the annorepo-client? Submit a pull request at:
<https://github.com/knaw-huc/annorepo-python-client>

LICENSE

The MIT License (MIT)

Copyright 2022 Koninklijke Nederlandse Akademie van Wetenschappen

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED “AS IS”, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.