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**eGo<sup>N</sup> Data**  
**Release 0.0.0**

**Oct 15, 2020**



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# CHAPTER 1

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## Overview

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docs	
tests	
package	

The data used in the eGo<sup>N</sup> project along with the code importing, generating and processing it.

- Free software: GNU Affero General Public License v3 or later (AGPLv3+)

## 1.1 Installation

```
pip install egon.data
```

You can also install the in-development version with:

```
pip install https://github.com/openego/eGon-data/archive/master.zip
```

## 1.2 Documentation

<https://eGon-data.readthedocs.io/>

## 1.3 Development

To run all the tests run:

```
tox
```

Note, to combine the coverage data from all the tox environments run:

Windows	<pre>set PYTEST_ADDOPTS=--cov-append tox</pre>
Other	<pre>PYTEST_ADDOPTS=--cov-append tox</pre>

## CHAPTER 2

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### Installation

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At the command line:

```
pip install egon.data
```





## CHAPTER 3

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### Usage

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To use eGo^N Data in a project:

```
import egon.data
```



## 4.1 egon.data



Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

### 5.1 Bug reports

When [reporting a bug](#) please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

### 5.2 Documentation improvements

eGo^N Data could always use more documentation, whether as part of the official eGo^N Data docs, in docstrings, or even on the web in blog posts, articles, and such.

### 5.3 Feature requests and feedback

The best way to send feedback is to file an issue at <https://github.com/openego/eGon-data/issues>.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that code contributions are welcome :)

## 5.4 Development

To set up *eGon-data* for local development:

1. Fork *eGon-data* (look for the “Fork” button).
2. Clone your fork locally:

```
git clone git@github.com:YOURGITHUBNAME/eGon-data.git
```

3. Create a branch for local development:

```
git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

4. When you’re done making changes run all the checks and docs builder with `tox` one command:

```
tox
```

5. Commit your changes and push your branch to GitHub:

```
git add .  
git commit -m "Your detailed description of your changes."  
git push origin name-of-your-bugfix-or-feature
```

6. Submit a pull request through the GitHub website.

### 5.4.1 Pull Request Guidelines

If you need some code review or feedback while you’re developing the code just make the pull request.

For merging, you should:

1. Include passing tests (run `tox`)<sup>1</sup>.
2. Update documentation when there’s new API, functionality etc.
3. Add a note to `CHANGELOG.rst` about the changes.
4. Add yourself to `AUTHORS.rst`.

### 5.4.2 Tips

To run a subset of tests:

```
tox -e envname -- pytest -k test_myfeature
```

To run all the test environments in *parallel*:

```
tox -p auto
```

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<sup>1</sup> If you don’t have all the necessary python versions available locally you can rely on Travis - it will run the tests for each change you add in the pull request.

It will be slower though ...

## CHAPTER 6

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### Authors

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- Guido Pleßmann, Ilka Cußman, Stephan Günther - <https://github.com/openego/eGon-data>





# CHAPTER 7

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## Changelog

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### 7.1 0.0.0 (2020-10-13)

- First release on PyPI.



## CHAPTER 8

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### Indices and tables

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