

---

**grachev**  
*Release 0.0.0*

**Apr 11, 2020**



---

## Contents

---

|          |                                         |           |
|----------|-----------------------------------------|-----------|
| <b>1</b> | <b>Overview</b>                         | <b>1</b>  |
| 1.1      | Installation . . . . .                  | 1         |
| 1.2      | Documentation . . . . .                 | 1         |
| 1.3      | Development . . . . .                   | 2         |
| <b>2</b> | <b>Installation</b>                     | <b>3</b>  |
| <b>3</b> | <b>Usage</b>                            | <b>5</b>  |
| <b>4</b> | <b>Reference</b>                        | <b>7</b>  |
| 4.1      | grachev . . . . .                       | 7         |
| <b>5</b> | <b>Contributing</b>                     | <b>9</b>  |
| 5.1      | Bug reports . . . . .                   | 9         |
| 5.2      | Documentation improvements . . . . .    | 9         |
| 5.3      | Feature requests and feedback . . . . . | 9         |
| 5.4      | Development . . . . .                   | 10        |
| <b>6</b> | <b>Authors</b>                          | <b>11</b> |
| <b>7</b> | <b>Changelog</b>                        | <b>13</b> |
| 7.1      | 0.0.0 (2020-04-11) . . . . .            | 13        |
| <b>8</b> | <b>Indices and tables</b>               | <b>15</b> |
|          | <b>Python Module Index</b>              | <b>17</b> |
|          | <b>Index</b>                            | <b>19</b> |



# CHAPTER 1

---

## Overview

---

|         |  |
|---------|--|
| docs    |  |
| tests   |  |
| package |  |

Grachev package

- Free software: BSD 2-Clause License

## 1.1 Installation

```
pip install grachev
```

You can also install the in-development version with:

```
pip install https://github.com/aljeshishe/python-grachev/archive/master.zip
```

## 1.2 Documentation

<https://python-grachev.readthedocs.io/>

## 1.3 Development

To run the all tests run:

```
tox
```

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

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

## CHAPTER 2

---

### Installation

---

At the command line:

```
pip install grachev
```



## CHAPTER 3

---

### Usage

---

To use grachev in a project:

```
import grachev
```



## CHAPTER 4

---

Reference

---

### 4.1 grachev



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

grachev could always use more documentation, whether as part of the official grachev 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/aljeshishe/python-grachev/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 *python-grachev* for local development:

1. Fork [python-grachev](#) (look for the “Fork” button).
2. Clone your fork locally:

```
git clone git@github.com:aljeshishe/python-grachev.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* (you need to `pip install detox`):

```
detox
```

---

<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

---

### Authors

---

- Aleksei Grachev - <https://blog.ionelmc.ro>



## CHAPTER 7

---

### Changelog

---

#### 7.1 0.0.0 (2020-04-11)

- First release on PyPI.



## CHAPTER 8

---

### Indices and tables

---

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



**g**

grachev, [7](#)



## G

grachev (*module*), [7](#)