
genomehubs

Release 2.7.12

genomehubs

Aug 01, 2023

CONTENTS

1	GenomeHubs	1
1.1	Installation	1
1.2	Documentation	1
1.3	Development	1
2	Installation	3
3	Usage	5
4	Reference	7
4.1	init	7
4.2	parse	7
4.3	index	7
4.4	fill	7
5	Contributing	9
5.1	Bug reports	9
5.2	Documentation improvements	9
5.3	Feature requests and feedback	9
5.4	Development	9
6	Authors	13
7	Changelog	15
7.1	2.0.0 (2020-07-02)	15
8	Indices and tables	17

GENOMEHUBS

1.1 Installation

```
conda install -c tolkit genomehubs
```

or

```
pip install genomehubs
```

You can also install the in-development version with:

```
pip install https://github.com/genomehubs/genomehubs/archive/main.zip
```

1.2 Documentation

<https://genomehubs.readthedocs.io/>

1.3 Development

To run all tests run:

```
tox
```


INSTALLATION

At the command line:

```
pip install genomehubs
```

CHAPTER THREE

USAGE

To use genomehubs in a project:

```
import genomehubs
```


REFERENCE

4.1 init

4.2 parse

4.3 index

4.4 fill

CONTRIBUTING

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

Contributions to the official *genomehubs* docs and internal docstrings are always welcome.

5.3 Feature requests and feedback

The best way to send feedback is to file an issue at <https://github.com/genomehubs/genomehubs/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 code contributions are welcome

5.4 Development

To install the development version of *genomehubs*:

1. Clone the *genomehubs* repository:

```
git clone https://github.com/genomehubs/genomehubs
```

2. Install the dependencies using pip:

```
cd genomehubs  
pip install -r requirements.txt
```

3. Build and install the *genomehubs* package:

```
python3 setup.py sdist bdist_wheel \  
&& echo y | pip uninstall genomehubs \  
&& pip install dist/genomehubs-2.0.0-py3-none-any.whl
```

To set up *genomehubs* for local development:

1. Fork *genomehubs* <<https://github.com/genomehubs/genomehubs>> - (look for the “Fork” button).
2. Clone your fork locally:

```
git clone git@github.com:USERNAME/genomehubs.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*)¹.
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*.

¹ 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 ...

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
```


AUTHORS

- Richard Challis - <https://twitter.com/rjchallis>
- Sujai Kumar - <https://twitter.com/sujaik>

CHANGELOG

7.1 2.0.0 (2020-07-02)

- First release on PyPI.

INDICES AND TABLES

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