

---

**genomehubs**

*Release 2.7.2*

**genomehubs**

**May 26, 2023**



# CONTENTS

<b>1</b>	<b>GenomeHubs</b>	<b>1</b>
1.1	Installation . . . . .	1
1.2	Documentation . . . . .	1
1.3	Development . . . . .	1
<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	init . . . . .	7
4.2	parse . . . . .	7
4.3	index . . . . .	7
4.4	fill . . . . .	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 . . . . .	9
<b>6</b>	<b>Authors</b>	<b>13</b>
<b>7</b>	<b>Changelog</b>	<b>15</b>
7.1	2.0.0 (2020-07-02) . . . . .	15
<b>8</b>	<b>Indices and tables</b>	<b>17</b>



## 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*)<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*.

---

<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 ...

### 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`