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**drumbo**  
*Release 0.2.0*

**Mar 09, 2018**



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## Contents

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<b>1 Overview</b>	<b>1</b>
1.1 Installation . . . . .	1
1.2 Documentation . . . . .	1
1.3 Development . . . . .	1
<b>2 Installation</b>	<b>3</b>
<b>3 Usage</b>	<b>5</b>
<b>4 Reference</b>	<b>7</b>
4.1 drumbo . . . . .	7
<b>5 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 Authors</b>	<b>11</b>
<b>7 Changelog</b>	<b>13</b>
7.1 0.2.0 (2018-03-08) . . . . .	13
7.2 0.1.0 (2018-03-07) . . . . .	13
<b>8 Indices and tables</b>	<b>15</b>
<b>Python Module Index</b>	<b>17</b>



# CHAPTER 1

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## Overview

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docs	
tests	
package	

Simple Step Sequencer

- Free software: BSD 2-Clause License

## 1.1 Installation

```
pip install drumbo
```

## 1.2 Documentation

<https://python-drumbo.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 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 drumbo
```





To use drumbo in a project:

```
import drumbo
```

Here is an example on how you might sequence a song:

```
from drumbo.song import Song
from drumbo.drums.kick import Kick
from drumbo.drums.snare import Snare
from drumbo.drums.hihat import HiHat

song = Song('breaks')

kick = Kick('|X|_|_|_|X|_|_|_|')
snare = Snare('|_|_|_|_|X|_|_|_|')
hihat = HiHat('|_|_|X|_|_|_|X|_|_|')

song.add(kick)
song.add(snare)
song.add(hihat)

song.play()
```



## CHAPTER 4

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Reference

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### 4.1 drumbo



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

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

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

```
git clone git@github.com:your_name_here/python-drumbo.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, doc builder and spell checker 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 -- py.test -k test_myfeature
```

To run all the test environments in *parallel* (you need to *pip install detox*):

```
detox
```

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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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- Andy Craze - <https://accraze.info>





### **7.1 0.2.0 (2018-03-08)**

- Added real-time output via BPM

### **7.2 0.1.0 (2018-03-07)**

- First release on PyPI.



## CHAPTER 8

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### Indices and tables

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



**d**

drumbo, 7



**D**

drumbo (module), 7