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**mfs**

***Release 0.1.0***

**Dec 09, 2017**



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# CHAPTER 1

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## Overview

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

mfs -

- Free software: MIT license

## 1.1 Installation

```
pip install mfs
```

## 1.2 Documentation

<https://mfs.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 | <code>set PYTEST_ADDOPTS=--cov-append<br/>tox</code> |
| Other   | <code>PYTEST_ADDOPTS=--cov-append tox</code>         |

## CHAPTER 2

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### Installation

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At the command line:

```
pip install mfs
```





## CHAPTER 3

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### Usage

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To use mfs in a project:

```
import mfs
```



## CHAPTER 4

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Reference

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**4.1 mfs**



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

mfs could always use more documentation, whether as part of the official mfs 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/miroag/mfs/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 *mfs* for local development:

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

```
git clone git@github.com:your_name_here/mfs.git
```

3. **Install package locally (for editing)** Run command from clone location and note the ‘.’ at the end of the command line to denote the current folder:

```
pip install -editable .
```

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`):

---

<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 ...

|       |
|-------|
| detox |
|-------|





## CHAPTER 6

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### Authors

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- Alexandre (Shura) Ovtchinnikov - <http://miroag.com>



## CHAPTER 7

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### Changelog

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#### 7.1 0.1.0 (2017-09-06)

- First release on PyPI.



## CHAPTER 8

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### Indices and tables

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



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