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# mr.docs Documentation

*Release 2.1*

**SVX**

November 15, 2016



**1 Features**

**3**



A container wrapper based on [Alpine Linux](#) for [Sphinx](#) based [reStructuredText \[rst\]](#) written documentation.

mr.docs is written for writing and testing documentation for [Plone](#). It may or may not fit your use case.

The main purpose of mr.docs is **testing**, this is what mr.docs is written for. However you also can use mr.docs to build your documentation for *production*.



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## Features

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- One installation
- One configuration
- Speed
- Works with different Operating Systems
- Not messing with system python and other dependencies
- ‘Smallish’
- reStructuredText lint
- Sphinx lint
- HTML test-builds
- HTML deployment builds
- Spell-check
- configuration helper

### 1.1 Dependencies

- Docker
- Bash

If you do not have Docker installed yet, please follow the [official install guide](#).

### 1.2 Getting mr.docs

```
docker pull quay.io/tiramisu/mr.docs
```

#### 1.2.1 Updating

```
docker pull quay.io/tiramisu/mr.docs
```

## 1.3 Assumptions

mr.docs assumes that the documentation you want to test is located in a directory called `docs` and that the documentation is written in `.rst`.

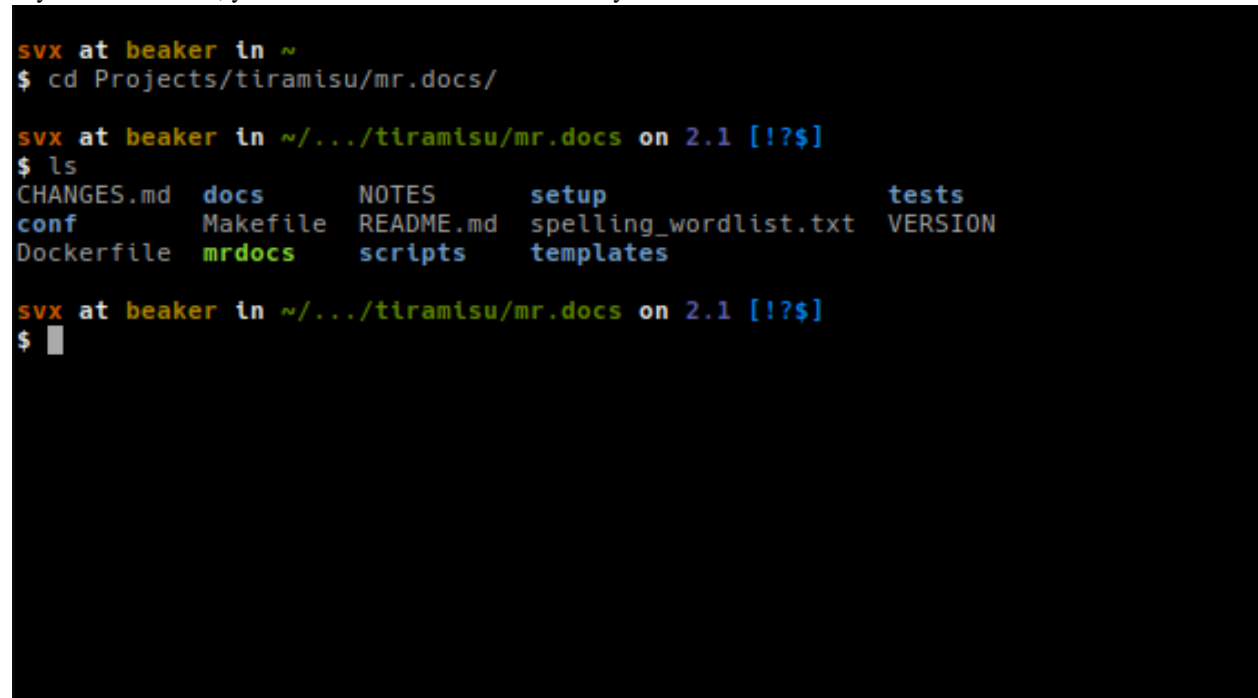
### 1.3.1 Example

Change into the main directory of your project.

For this example the code repository of the `mr.docs` is used.

```
cd Projects/tiramisu/mr.docs/
```

If you do now a `ls`, you will see we have here a directory called `docs`.



```
svx at beaker in ~
$ cd Projects/tiramisu/mr.docs/

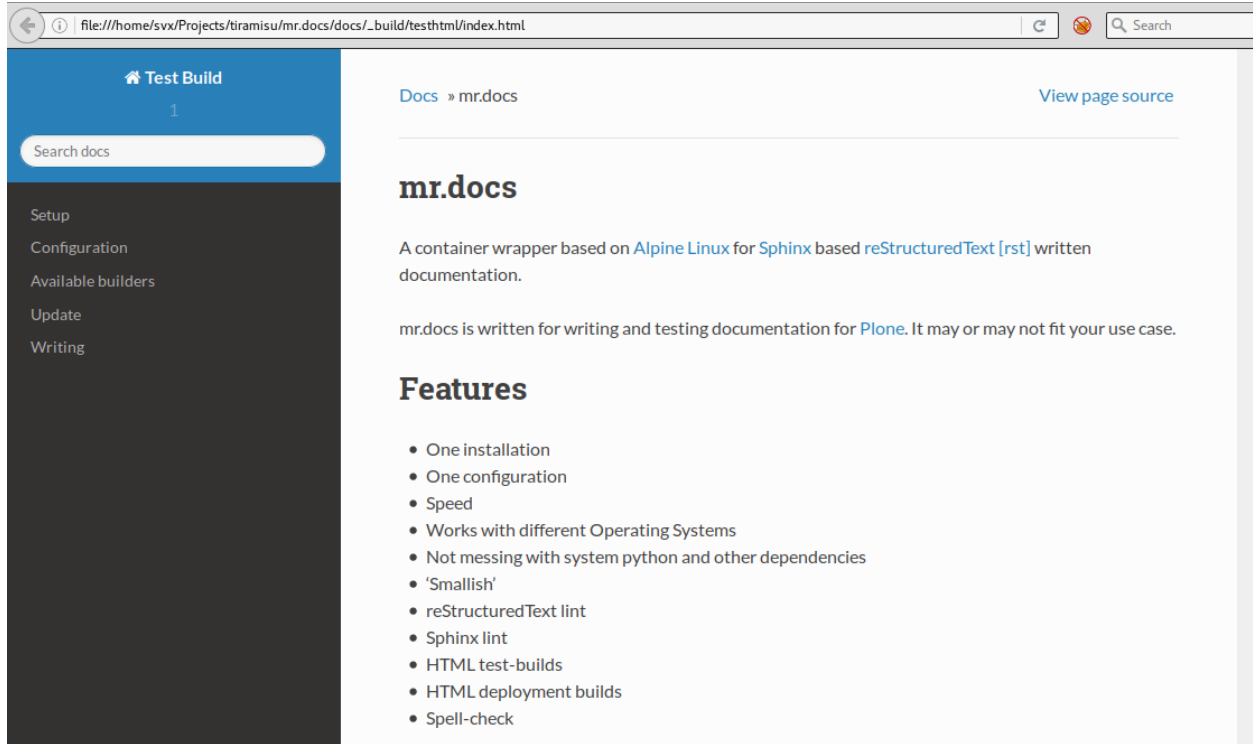
svx at beaker in ~/.../tiramisu/mr.docs on 2.1 [!?$]
$ ls
CHANGES.md  docs      NOTES      setup      tests
conf         Makefile  README.md  spelling_wordlist.txt  VERSION
Dockerfile   mrdocs   scripts    templates

svx at beaker in ~/.../tiramisu/mr.docs on 2.1 [!?$]
$ █
```

Running a test build:

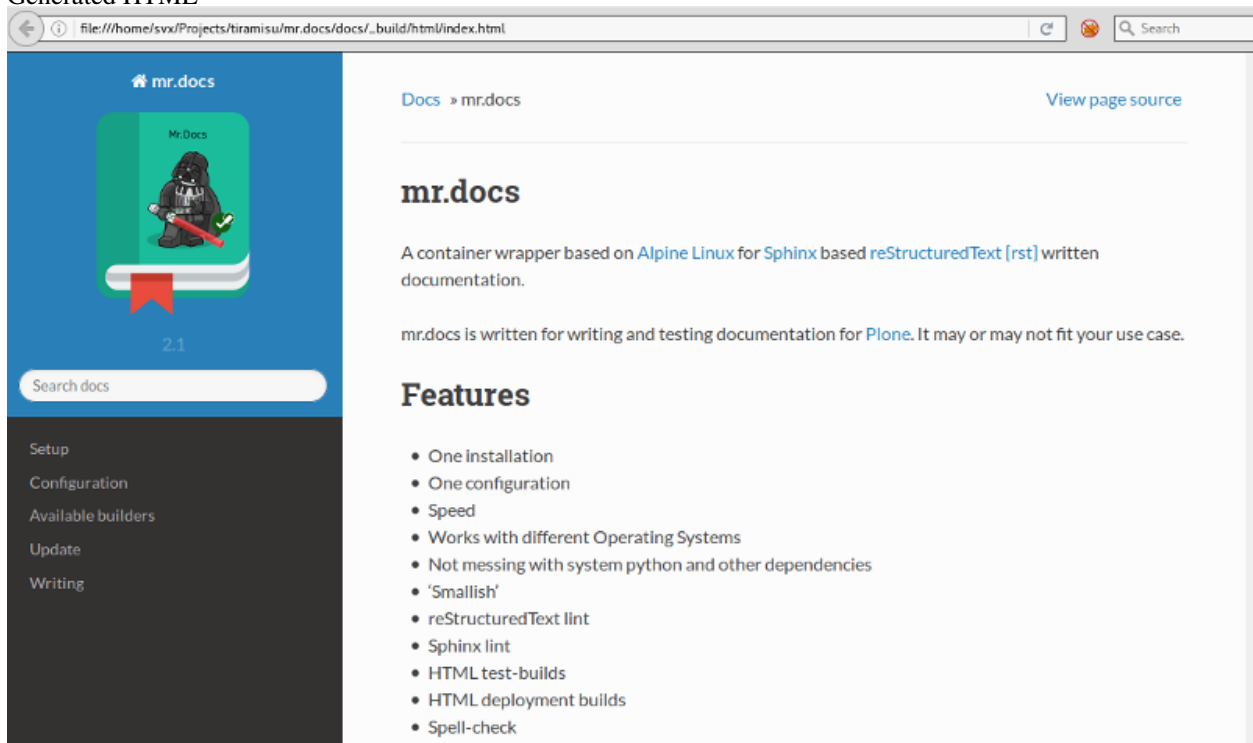
Generated HTML





Running a deployment build:

Generated HTML



## Usage

### Commands

#### Running A Test Build

```
docker run --rm -v "${PWD}/docs":/build/docs:rw -u "$(id -u)": "$(id -g)" quay.io/tiramisu/mr.docs test
```

#### Running Spell-Check

```
docker run --rm -v "${PWD}/docs":/build/docs:rw -u "$(id -u)": "$(id -g)" quay.io/tiramisu/mr.docs spell
```

Read more about [spell-check](#).

#### Using Configuration Template

```
docker run --rm -v "${PWD}/docs":/build/docs:rw -u "$(id -u)": "$(id -g)" quay.io/tiramisu/mr.docs config
```

Read more about a custom base setup.

#### Building For Deployment

```
docker run --rm -v "${PWD}/docs":/build/docs:rw -u "$(id -u)": "$(id -g)" quay.io/tiramisu/mr.docs html
```

Read more about a deployment setup.

### Using A Script

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**Note:** This is on your own risk, before you download and use it, please review it first! Never use scripts without review !!

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To make the usage of mr.docs easier and faster, there is a bash script, which also adds certain logics such as directory and file checking. **Use this on your own risk !**

You can find the script on [GitHub](#).

```
curl -o /usr/local/bin https://raw.githubusercontent.com/tiramisusolutions/mr.docs/2.1/mrdocs
```

This will download the script called *mr.docs* into */usr/local/bin*.

Feel free to adjust the location according to your setup/needs.

Script Usage:

```
Usage: mrdocs [option]
-help, -h  => show this help
-config, -c => create example config as starting point
-html      => builds html version ready for deploy
-testhtml  => builds test version, for local developing
-spell, -s => runs a spell-check against the docs

For more, please read the docs at https://mrdocs.readthedocs.io/en/latest/
```

### Example

Running a test build:

```
mrdocs -testbuild
```

## Configuration

New in version 2.1.

### Configuration

mr.docs uses a set of pre-configured add-ons and settings, which are most useful for testing [Plone](#) documentation.

You can find it on [GitHub](#).

### Use Your Own Configuration File

**Note:** There is no warranty that mr.docs will work with your own custom configuration, since mr.docs is build with a pre-configured set of add-ons.

If you have already a own configuration file [*conf.py*] you can try use it. Copy it into your *docs* directory and it may work, it depends on your configuration. If your own setup, is using a add-on which is not installed within mr.docs this will not work.

**Create Base Configuration** You can use mr.docs to create a base configuration.

This is a good start, if you want to test building your project documentation, with your logo, company name and so on.

### Running

```
docker run --rm -v "${PWD}/docs":/build/docs:rw -u "$(id -u)": "$(id -g)" quay.io/tiramisu/mr.docs con
```

will copy a base template into your */docs* directory.

You can now open the file *conf.py* in */docs* with the editor of your choice and start to adjust settings.

For example you may want to change *ExampleProjectName* with the real name of your project. You can find more information about possible configuration settings in the [Sphinx documentation](#).

**Spell-check** mr.docs uses a default word-list for spell checking, this list written for [Plone](#) and contains terms which are typical known in Plone but not by spell-checker of dictionaries.

If you want to add missing, new or your own needed terms or words to the spell-check you can add them on top of the document.

```
.. spelling::
   word1
   word2
   ...
```

## Changelog

### 2.1

- Removal of *.mrdocsfunc*

- We added the functionality to copy a base template of a Sphinx configuration
- Added test builds for html [testhtml]
- Added html builds for deployment [html]
- Update Docker image
- Update docs
- Improved spell-check

### 2.0

- With the release of mr.docs version 2.0 we renamed the function file from *.dockerfunc* to *.mrdocsfunc*.
- Slight modifications to *.mrdocsfunc*, the easiest way for updating from version 1.0 to 2.0 is to remove *.dockerfunc* and download the new one.