
typademic Documentation

Release 1.2.4

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Typademic turns distraction freely written markdown files into beautiful PDFs. Built with love, [Google Fonts](#), [Pandoc](#), and [LaTeX](#).

1.1 Getting Started

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes. See deployment for notes on how to deploy the project on a live system.

1.1.1 Prerequisites

Install all this to use all functions of typademic.

- [Google Fonts](#)
- [LaTeX](#)
- [Pandoc](#)
- [Pandoc Citeproc](#)
- [Python 3](#)
- [OpenSSL](#)

Mac with Homebrew

```
brew install python openssl mactex pandoc pandoc-citeproc wget  
wget https://raw.githubusercontent.com/qrpikie/Web-Font-Load/master/install.sh | bash
```

Ubuntu 18.04

```
sudo apt-get update -y
sudo apt-get install -y texlive-full wget

wget https://raw.githubusercontent.com/qrpikr/Web-Font-Load/master/install.sh | bash

wget -O pandoc.deb https://github.com/jgm/pandoc/releases/download/2.11.0.4/pandoc-2.
↪11.0.4-1-amd64.deb
sudo dpkg -i pandoc.deb

pip install --upgrade pip
```

1.1.2 Installing

```
virtualenv venv
source venv/bin/activate
pip install .
```

1.1.3 Start the development server

```
python app.py
```

1.2 Running the tests

```
pip install tox
tox
```

1.3 Deployment (BEGINNER)

1. Install Docker CE.
2. Export your secrets and start the latest typademic docker image.

```
touch logs/error.log
touch logs/access.log
export SECRET_KEY=SOMESECRETKEY
docker run --name typademic \
  -p 443:8000 \
  -e "SECRET_KEY=${SECRET_KEY}" \
  -v "./logs/error.log:/logs/error.log" \
  -v "./logs/access.log:/logs/access.log" \
  -v "./uploads/:/uploads/" \
  maehr/typademic:latest
```

3. Go to <https://localhost/> (If you did not add valid SSL certificates, ignore the error message.)

1.4 Deployment (ADVANCED)

1. Add your custom SSL certificates (`key.pem` and `cert.pem`) to the root directory. Otherwise private certificates will be issued.
2. Create a `secrets.env` and add your env vars.

```
cp secrets.example.env secrets.env
nano secrets.env
```

3. Change `docker-compose.yml` accordingly.

```
# uncomment this line for production use
# env_file: ./secrets.env

# comment this line for production use
environment:
  - SECRET_KEY=${SECRET_KEY}
```

4. Start typademic and go to <https://localhost/>

```
docker-compose up
```

1.5 Built With

- [Bulma.io](#)
- [CircleCI](#)
- [Cookiecutter](#)
- [Docker CE](#)
- [Flask](#)
- [Flask-Dropzone](#)
- [Flask-WTF](#)
- [Google Fonts](#)
- [LaTeX](#)
- [Pandoc](#)
- [Web-Font-Loader](#)

1.6 Contributing

Please read [CONTRIBUTING.rst](#) for details on our code of conduct, and the process for submitting pull requests to us.

1.7 Versioning

We use [SemVer](#) for versioning. For the versions available, see the [tags](#) on this repository.

1.8 Authors

Please read `AUTHORS.rst` for details on the authors. See also the list of `contributors` who participated in this project.

1.9 License

This project is licensed under the MIT License - see the `LICENSE.rst` file for details

1.10 Acknowledgments

- John Gruber
- John MacFarlane
- Sarah Simpkin, “Getting Started with Markdown,” *The Programming Historian* 4 (2015)
- Dennis Tenen and Grant Wythoff, “Sustainable Authorship in Plain Text using Pandoc and Markdown,” *The Programming Historian* 3 (2014)

2.1 Stable release

To install `typademic`, run this command in your terminal:

```
$ pip install .
```

This is the preferred method to install `typademic`, as it will always install the most recent stable release.

If you don't have `pip` installed, this [Python installation guide](#) can guide you through the process.

2.2 From sources

The sources for `typademic` can be downloaded from the [Github repo](#).

You can either clone the public repository:

```
$ git clone git://github.com/maehr/typademic
```

Or download the [tarball](#):

```
$ curl -OL https://github.com/maehr/typademic/tarball/master
```

Once you have a copy of the source, you can install it with:

```
$ python setup.py install
```


CHAPTER 3

Usage

To use `typademic` in a project:

```
import typademic
```


Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given. You can contribute in many ways:

4.1 Types of Contributions

4.1.1 Report Bugs

Report bugs at <https://github.com/maehr/typademic/issues>.

If you are 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.

4.1.2 Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” and “help wanted” is open to whoever wants to implement it.

4.1.3 Implement Features

Look through the GitHub issues for features. Anything tagged with “enhancement” and “help wanted” is open to whoever wants to implement it.

4.1.4 Write Documentation

typademic could always use more documentation, whether as part of the official typademic docs, in docstrings, or even on the web in blog posts, articles, and such.

4.1.5 Submit Feedback

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

4.2 Get Started!

Ready to contribute? Here's how to set up *typademic* for local development.

1. Fork the *typademic* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/typademic.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv typademic
$ cd typademic/
$ python setup.py develop
```

4. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 typademic tests
$ python setup.py test or py.test
$ tox
```

To get flake8 and tox, just pip install them into your virtualenv.

6. 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
```

7. Submit a pull request through the GitHub website.

4.3 Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.7, 3.4, 3.5 and 3.6, and for PyPy. Check https://travis-ci.org/maehr/typademic/pull_requests and make sure that the tests pass for all supported Python versions.

4.4 Tips

To run a subset of tests:

```
$ py.test tests.test_typademic
```

4.5 Deploying

A reminder for the maintainers on how to deploy. Make sure all your changes are committed (including an entry in HISTORY.rst). Then run:

```
$ bumpversion patch # possible: major / minor / patch
$ git push
$ git push --tags
```

Travis will then deploy to PyPI if tests pass.

5.1 Development Lead

- Moritz Maehr <moritz.maehr@gmail.com> maehr

5.2 Contributors

None yet. Why not be the first?

CHAPTER 6

History

Check <https://github.com/maehr/typademic/releases>

CHAPTER 7

Indices and tables

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