
BPZAround.me Documentation

Release 0.1.0

Code for Tulsa

September 22, 2014

| | | |
|----------|-----------------------------------|-----------|
| 1 | BPZAround.me | 3 |
| 1.1 | Features | 3 |
| 2 | Installation | 5 |
| 3 | Usage | 7 |
| 4 | Contributing | 9 |
| 4.1 | Types of Contributions | 9 |
| 4.2 | Get Started! | 10 |
| 4.3 | Run on Heroku | 10 |
| 4.4 | Make Changes | 10 |
| 4.5 | Pull Request Guidelines | 11 |
| 4.6 | Tips | 11 |
| 5 | Credits | 13 |
| 5.1 | Leads | 13 |
| 5.2 | Contributors | 13 |
| 6 | History | 15 |
| 6.1 | 0.1.0 (Date TBD) | 15 |
| 7 | Indices and tables | 17 |

Contents:

BPZAround.me

BPZAround.me alerts you when someone is building, planning, or zoning around you.

- Free software: Apache License, Version 2.0
- Documentation: <https://bpzaroundme.readthedocs.org>

1.1 Features

BPZAround.me is under development for the Tulsa, OK area. The planned features are:

- Load neighborhoods, districts, and planning data from GeoJSON.
- Find neighborhood associations and planning events (such as a re-zoning hearing) near your home.
- Register to be notified by text or email when a planning event near you is scheduled.

Installation

Note: These are end-user installation instructions. If you want to contribute, see *Get Started!*

At the command line:

```
$ easy_install BPZAround.me
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv BPZAround.me  
$ pip install BPZAround.me
```

Usage

To use BPZAround.me in a project:

```
import BPZAround.me
```

Contributing

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/codefortulsa/BPZAround.me/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” is open to whoever wants to implement it.

4.1.3 Implement Features

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

4.1.4 Write Documentation

BPZAround.me could always use more documentation, whether as part of the official BPZAround.me 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/codefortulsa/BPZAround.me/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 *BPZAround.me* for local development.

1. Fork [BPZAround.me](#) on GitHub.

2. Clone your fork locally:

```
git clone git@github.com:your_name_here/BPZAround.me.git
```

3. Install requirements into a [virtualenv](#). This is easiest with [virtualenvwrapper](#):

```
mkvirtualenv BPZAround.me
cd BPZAround.me/
pip install -r requirements.txt -r requirements.dev.txt
```

4. Install [PostGIS](#) for [GeoDjango](#).

5. Create a `bpzaroundme` [PostGIS](#) spatial database per the [Post-installation](#) instructions for your version of [Postgres & PostGIS](#).

6. Setup your local environment (Note: you can automate this with [autoenv](#)):

```
source .env
```

7. Make sure tests work:

```
$ ./manage.py test
```

8. Run it!:

```
$ ./manage.py runserver
```

4.3 Run on Heroku

1. [Register for Heroku](#)

- 2.

4.4 Make Changes

1. Create a branch for local development:

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

Now you can make your changes locally.

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

```
$ make qa-all
```

3. 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
```

4. Submit a pull request through the GitHub website.

4.5 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 2.6, 2.7, 3.3, and 3.4, and for PyPy. Check https://travis-ci.org/codefortulsa/BPZAround.me/pull_requests and make sure that the tests pass for all supported Python versions.

4.6 Tips

To run a subset of tests:

```
$ python -m unittest tests.test_BPZAround.me
```

Credits

5.1 Leads

- Carlos Moreno - Design

5.2 Contributors

- John Whitlock <john@factorialfive.com>

History

6.1 0.1.0 (Date TBD)

This project is unreleased. Release is planned for September 2014.

Indices and tables

- *genindex*
- *modindex*
- *search*