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# **snakypy-helpers**

***Release 0.2.1***

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**Jun 16, 2021**



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## **SNAKYPY HELPERS**

Snakypy Helpers is a package that contains code ready to assist in the development of Snakypy projects, so as not to replicate the code.

### **1.1 Donation**

Click on the image below to be redirected the donation forms:

### **1.2 License**

The project is available as open source under the terms of the [MIT license](#) © William Canin

## 1.3 Credits

See in `AUTHORS`.

## 1.4 Links

- Code: <https://github.com/snakypy/snakypy-helpers>
- Documentation: <https://snakypy-helpers.readthedocs.io>
- Releases: <https://pypi.org/project/snakypy-helpers/#history>
- Issue tracker: <https://github.com/snakypy/snakypy-helpers/issues>

## INSTALLATION

### 2.1 Stable release

To install Snakypy, run this command in your terminal:

```
$ pip install snakypy-helpers
```

This is the preferred method to install Snakypy, 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 Snakypy can be downloaded from the [Github repo](#).

You can either clone the public repository:

```
$ git clone git://github.com/snakypy/snakypy
```

Or download the [tarball](#):

```
$ curl -OJL https://github.com/snakypy/snakypy/tarball/master
```

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

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



## MODULES

### 3.1 Modules

#### 3.1.1 Subpackage “helpers.ansi”

#### 3.1.2 Subpackage “helpers.calcs”

Module “bmi”

Module “math”

#### 3.1.3 Subpackage “helpers.catches”

Module “finders”

Module “generic”

#### 3.1.4 Subpackage “helpers.console”

Module “display”

#### 3.1.5 Subpackage “helpers.decorators”

#### 3.1.6 Subpackage “helpers.files”

Module “json”

Module “generic”

#### 3.1.7 Subpackage “helpers.logging”

#### 3.1.8 Subpackage “helpers.os”

## Module “removals”

### 3.1.9 Subpackage “helpers.path”

### 3.1.10 Subpackage “helpers.subprocess”

## 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/snakypy/snakypy-helpers/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

Snakypy could always use more documentation, whether as part of the official Snakypy 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/snakypy/snakypy-helpers/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 *snakypy-helpers* for local development.

1. Fork the *snakypy-helpers* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/snakypy-helpers.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 snakypy-helpers
$ cd snakypy-helpers/
$ 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:

```
$ python setup.py test or pytest
```

To get flake8, 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 3.5, 3.6, 3.7 3.8 and 3.9, and for PyPy. Check

<https://github.com/snakypy/snakypy-helpers/actions>

<https://travis-ci.com/snakypy/snakypy-helpers>

and make sure that the tests pass for all supported Python versions.

## 4.4 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:

```
$ bump2version patch # possible: major / minor / patch
$ git push
$ git push --tags
```

Travis will then deploy to PyPI if tests pass.



## CREDITS

### 5.1 Development Lead

- Name: William C. Canin
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- Personal page: <http://williamcanin.github.io>

### 5.2 Contributors

None yet. Why not be the first?



## INDICES AND TABLES

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