
forge Documentation

Release 0.2

Luis Morales

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Contents:

FORGE

forge is a command line tool that allows to execute modules to configure a linux system.

1.1 Documentation

The full documentation is at <https://forge-cli.readthedocs.org>.

1.2 Quickstart

Install forge:

```
pip install forge-cli
```

Then use it:

```
$ forge -u username -p ModulesPath -m ModulesNames
```

1.3 Features

ToDo

1.4 Future

- Write more documentation
- Add tests
- Better way to handle messages
- Config files templates

INSTALLATION

From github:

```
$ git clone https://github.com/lacion/forged.git
$ cd forge
$ python setup.py install
```

From PyPi:

```
$ easy_install forge-cli
```

Or:

```
$ pip install forge-cli
```


USAGE

To use forge:

```
$ forge -u username -p ModulesPath -m ModulesNames
```


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/lacion/forgel/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

forge could always use more documentation, whether as part of the official forge 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/lacion/forgel/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 *forge* for local development.

1. Fork the *forge* repo on GitHub.

2. Clone your fork locally:

```
$ git clone git@github.com:lacion/forge.git
```

4. Create a branch for local development:

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

I strongly encourage the use of gitflow

4. Create a branch for local development:

```
$ git flow feature start 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:

```
$ flake8 --max-line-length=120 forge tests
$ python setup.py test
```

To get flake8 , just pip install it 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.

the only flake8 rule were changing is the line length up to a 120 chars `--max-line-length=120`

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 Check https://travis-ci.org/lacion/forge/pull_requests

4.4 Tips

To run a subset of tests:

```
$ python -m unittest tests.test_forge
```


CREDITS

5.1 Development Lead

- Luis Morales <luismmorales@gmail.com>

5.2 Contributors

5.3 Embedded Thanks

- BrightcoveOS/Diamond as the module loader is heavily based on the way the handle collectors
- kennethreitz/clint for this great utility
- Jonathan Hartley for colorama

HISTORY

6.1 0.1 (August 2013)

- First release on PyPI.

6.2 0.2 (August 2013)

- Module Class Refactored.
- Now uses native canonical apt library
- Added example module to repo

MODULES

There is an example module here https://github.com/lacion/forged/tree/develop/example_module.

To use forge:

```
$ forge -u FooBar -p ~/forge/example_modules -m example
```

some modules requires running as root:

```
$ sudo forge -u FooBar -p ~/forge/example_modules -m example
```


NOTICE

Forge includes some vendorized python libraries: colorama and some code from diamond.

8.1 Colorama License

Copyright (c) 2010 Jonathan Hartley <tartley@tartley.com>

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INDICES AND TABLES

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- *modindex*
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