
finucane-apputils Documentation

Release 0.4.0

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Finucane Research application building framework and utilities for Python.

This framework has one, clear goal: to allow the rapid development of consistent, “standard” tools (using Python). There are two key parts to this goal to keep in mind when either using or developing this framework: **rapid** and **standard**. Remember: the standard part is more flexible than the rapid part. Take from that mantra what you wish.

For now, this project is focused on providing a package that will allow a command-line tool developer to worry less about how their tool is packaged for command-line use, and more about the core functionality of the tool. By providing a layer of abstraction between the developer and the underlying feature implementations which are common to most, if not all, tools, we can not only ease the burden for the developer, but we can make the tools more future-proof (as long as the core functionality of the tool doesn’t break in ways not controlled by the abstraction). This means that if the API for the underlying argument parsing library changes, `finucane-apputils` can be updated to propagate that change to all of your tools at once.

Finucane-Apputils works with Python 3 (tested on 3.2), and Python 2 (tested on 2.7), with no transformations or 2to3, thanks to the `future` package.

Please don’t hesitate to report issues to our [tracker](#) on GitHub.

CHAPTER 1

Getting Started

1. Install

```
1 pip install finucane-apputils
```

or download from [PyPi](#) and perform a manual installation.

2. Try it out

```
1 """simplest_example.py"""
2 from finucane.apputils import Application
3
4
5 class MyApplication(Application):
6
7     def _main(self, message=None):
8         self.print(message)
9
10
11 if __name__ == '__main__':
12     import sys
13     app = MyApplication()
14     app.run(argv=sys.argv[1:], message="Hello World!") # alternative: app.exec_(...)
```

or try it out in an interactive session:

```
1 >>> from finucane.apputils import Application
2 >>> class MyApp(Application):
3 ...     def _main(self, message=None):
4 ...         self.print(message)
5 ...
6 >>> app = MyApp()
7 >>> app.run(message='Hello World!')
8 Hello World!
```


CHAPTER 2

Using Finucane-Apputils

These are not the droids you're looking for.

Submodules

apputils.application module

apputils.args module

apputils.compatibility module

apputils.config module

apputils.errors module

apputils.log module

apputils.namespace module

Module contents

CHAPTER 4

apputils

CHAPTER 5

Indices and tables

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

CHAPTER 6

Links

- [finucane-apputils on GitHub](#)
- [finucane-apputils on PyPi](#)
- [Wiki](#)
- [Issue Tracker](#)

CHAPTER 7

License

All Finucane-Apputils Python source code is licensed as follows:

```
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```

```
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```

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`finucane.apputils`, 5

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`finucane.apputils` (module), [5](#)