arc_cache Documentation

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Adaptive Replacement Cache - a Python3 decorator

Mostly for self-study purposes. Use at your own risk. Contribute at GitHub.

CHAPTER 1

Usage

```
from arc_cache import arc_cache

@arc_cache()
def my_heavy_function(arg1):
  do_stuff()
```

CHAPTER 2

Developing

Setup a virtualenv using

```
$ pip3 install tox
$ tox -e develop
$ . .venv/bin/activate
```

CHAPTER 3

Testing

Run all tests using

```
$ tox
```

CHAPTER 4

Releasing

```
$ python setup.py bdist sdist bdist_wheel
$ gpg -u ... --detach-sign -a dist/...
$ twine upload dist/*
```

CHAPTER 5

References

Python 3.5 (I believe) uses a C-implementation of *lru_cache*.

- ARC - A Self-Tuning, Low Overhead Replacement Cache (2003)
- Adaptive Replacement Cache on Wikipedia
- lru_cache in cpython 3.4

CHAPTER 6

Modules

CHAPTER 7

Indices/Tables

- genindex
- modindex
- search