frozenlist Documentation

Release 1.3.3

frozenlist contributors

Jan 20, 2023

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A list-like structure which implements `collections.abc.MutableSequence`.

The list is *mutable* until `FrozenList.freeze()` is called, after which list modifications raise `RuntimeError`. A `FrozenList` instance is hashable, but only when frozen. Attempts to hash a non-frozen instance will result in a `RuntimeError` exception.

CHAPTER

ONE

API

class frozenlist.**FrozenList**(*items*)

Construct a new *non-frozen* list from *items* iterable.

The list implements all `collections.abc.MutableSequence` methods plus two additional APIs.

frozen

A read-only property, `True` is the list is *frozen* (modifications are forbidden).

freeze()

Freeze the list. There is no way to *thaw* it back.

CHAPTER

TWO

INSTALLATION

```
$ pip install frozenlist
```

The library requires Python 3.6 or newer.

CHAPTER

THREE

DOCUMENTATION

https://frozenlist.readthedocs.io/

CHAPTER

FOUR

COMMUNICATION CHANNELS

aio-libs discourse group: https://aio-libs.discourse.group

Feel free to post your questions and ideas here.

gitter chat https://gitter.im/aio-libs/Lobby

CHAPTER

FIVE

REQUIREMENTS

- Python >= 3.6

CHAPTER

SIX

LICENSE

`frozenlist` is offered under the Apache 2 license.

CHAPTER

SEVEN

SOURCE CODE

The project is hosted on GitHub

Please file an issue in the bug tracker if you have found a bug or have some suggestions to improve the library.

CHAPTER

EIGHT

AUTHORS AND LICENSE

The `frozenlist` package was originally part of the aiohttp project, written by Nikolay Kim and Andrew Svetlov. It is now being maintained by Martijn Pieters.

It's *Apache 2* licensed and freely available.

Feel free to improve this package and send a pull request to GitHub.

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