
atomic Documentation

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An atomic class that guarantees atomic updates to its contained value.

You can report bugs and discuss features on the [issues page](#).

1.1 Installation

1. Either check out Atomic from [GitHub](#) or to pull a release off [PyPI](#)

```
pip install atomic
```

1.2 Usage

class `atomic.AtomicLong` (*value=None*)

An atomic class that guarantees atomic updates to its contained integer value.

compare_and_set (*expect_value, new_value*)

Atomically sets the value to the given value if the current value is equal to the expected value.

Parameters

- **expect_value** – the expected value
- **new_value** – the new value

get_and_set (*new_value*)

Atomically sets to the given value and returns the old value

Parameters **new_value** – the new value

class `atomic.AtomicLongArray` (*array=[]*)

An atomic class that guarantees atomic updates to its contained integer values.

CHAPTER 2

Indices and tables

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