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# **steenzout.object documentation**

***Release 1.0.0***

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The `steenzout.object` package provides an `Object` class with pre-defined `__hash__`, `__eq__` and `__ne__` functions.

What's the difference to the `object` class?

Example:

```
>>> o1 = object()
>>> o2 = object()
>>>
>>> assert o1 == o2
>>> Traceback (most recent call last):
      File "<stdin>", line 1, in <module>
AssertionError
```

If you use `Object`:

```
>>> from steenzout.object import Object
>>>
>>> o1 = Object()
>>> o2 = Object()
>>>
>>> assert o1 == o2
```

If you sub-class the `Object` class, `==` and `!=` will still work as expected:

```
>>> class A(Object):
>>>     pass
>>> ...
>>> ...

>>> class B(Object):
>>>     pass
>>> ...
>>> ...

>>> a = A()
>>> b = B()

>>> a == b
>>> False

>>> a != b
>>> True
```



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**Introduction**

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(an example is provided in the Appendix below).

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## Installation

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This section covers the `steenzout.object` installation.

### 2.1 pip

To install `steenzout.object`, you can run the following command:

```
$ pip install steenzout.object
```

The Python [installation guide](#) can guide you through the process of getting `pip` installed.

### 2.2 source

The code is available at [github](#).

You can clone the public repository:

```
$ git clone git://github.com/steenzout/python-object.git
```

You can also go to the [releases](#) tab and pick a [tarball](#) or [zip](#).

For example:

```
$ curl -OL https://github.com/steenzout/python-object/archive/1.0.0.tar.gz
```

Once you have a copy of the source and have extracted its files, you can install it using:

```
$ python setup.py install
```



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## API documentation

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This section contains information on a specific function, class, or method, this part of the documentation is for you.