
genutils Documentation

Release 0.3.0

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Release Notes

****Release 0.3.0**

- module `numbers` renamed to `tbnumbers`
- property based tests added

Release 0.2.0a1

- New module `numbers`.
- `numbers.is_odd()`
- `numbers.is_even()`

Release 0.1.3

- Set up Documentation.
- Package structure simplified.

Release 0.1.1

- Set up Travis.

Release 0.1

First small step.

- Basic functions for handling of string / bytes encodings.

API Reference

2.1 `genutils.strings`

Some functions helping with string encoding and decoding.

`genutils.strings.to_bytes(str_or_bytes, encoding='utf-8')`

Take argument and return as bytes.

Parameters

- **str_or_bytes** (*str or bytes*) – argument to encode.
- **encoding** – the encoding to use if argument is of type `str`

Returns argument as bytes

Return type `bytes`

`genutils.strings.to_str(str_or_bytes, encoding='utf-8')`

Take argument and return as unicode string.

Parameters

- **str_or_bytes** (*str or bytes*) – argument to decode.
- **encoding** – the encoding to use if argument is of type `bytes`

Returns argument as unicode string.

Return type `str`

2.2 `genutils.tbnnumbers`

Some utilities related to numbers.

`genutils.tbnnumbers.is_even(num)`

Is num even?

Parameters **num** (*int*) – number to check.

Returns True if num is even.

Return type `boolean`

Raises `TypeError` if num is not an `int`.

`genutils.tbnumbers.is_odd(num)`

Is num odd?

Parameters `num` (*int*) – number to check.

Returns True if num is odd.

Return type boolean

Raises `TypeError` if num is not an int.

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