
rebus Documentation

Release 0.1

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December 19, 2013

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Generate base64-encoded strings consisting of alphanumeric symbols only.

Why did I make this app?

Recently I have been working on implementing of a Google Authenticator app for Plone (which I did for my beloved company - Goldmund, Wyldebeast & Wunderliebe).

For generating of a bar code image, I needed a base32 encoded string. While Android devices could perfectly scan all bar-code image that I would generate, Apple devices would raise errors on bar code images which were generated using strings that contain one or more “=” characters.

The solution found was to add a number of \n at the end of the string to be encoded.

If you happen to experience similar problems, you know what to do.

Prerequisites

- Python 2.6.8+, 2.7.+ , 3.3.+

Installation

Install latest stable version from PyPI:

```
$ pip install rebus
```

...or latest stable version from GitHub:

```
$ pip install -e git+https://github.com/barseghyanartur/rebus@stable#egg=rebus
```

...or latest stable version from BitBucket:

```
$ pip install -e hg+https://bitbucket.org/barseghyanartur/rebus@stable#egg=rebus
```

Usage and examples

Using *rebus* is damn easy. Whenever you would want to use `base64.b32encode` or `base64.b64encode`, replace `base64` with `rebus`.

Required imports.

```
>>> import rebus
```

`b32encode` string

```
>>> rebus.b32encode('abcdefg')
'MFRGGZDFMZTQUCQK'
```

`b64encode` string

```
>>> rebus.b64encode('abcdefg')
'YWJjZGVmZwoK'
```

`urlsafe_b64encode`

```
>>> rebus.urlsafe_b64encode('abcdefg')
'YWJjZGVmZwoK'
```

License

GPL 2.0/LGPL 2.1

Support

For any issues contact me at the e-mail given in the *Author* section.

Author

Artur Barseghyan <artur.barseghyan@gmail.com>

Documentation!

Contents:

8.1 rebus package

8.1.1 Submodules

8.1.2 rebus.tests module

class `rebus.tests.RebusTest` (*methodName='runTest'*)

Bases: `unittest.case.TestCase`

Various tests of *rebus*.

setUp ()

test_01_b32encode (*args, **kwargs)

test_02_b64encode (*args, **kwargs)

test_03_urlsafe_b64encode (*args, **kwargs)

`rebus.tests.print_info` (*func*)

Prints some useful info.

8.1.3 Module contents

`rebus.b32encode` (*text, return_object=False*)

Parameters

- **text** (*string*) –
- **return_object** (*bool*) –

Return string

`rebus.b64encode` (*text, return_object=False*)

Parameters **text** (*string*) –

Return string

`rebus.urlsafe_b64encode` (*text*, *return_object=False*)

Parameters `text` (*string*) –

Return string

Indices and tables

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