

python隐写_Stegano是一个纯Python的隐写模块，提供不同的隐写和隐写分析方法

原创

[weixin_39632327](#) 于 2021-02-21 21:47:19 发布 124 收藏

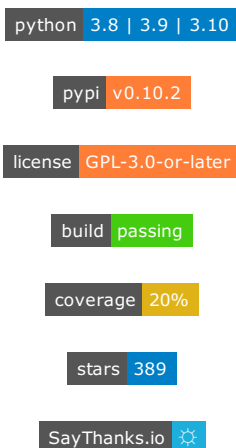
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Stéganô



Stéganô, a pure Python Steganography module.

Steganography is the art and science of writing hidden messages in such a way that no one, apart from the sender and intended recipient, suspects the existence of the message, a form of security through obscurity. Consequently, functions provided by Stéganô only hide messages, without encryption. Steganography is often used with cryptography.

Installation

```
$ sudo pip install Stegano
```

You will be able to use Stéganô in your Python programs or as a command line tool.

Usage

A tutorial is available.

Use Stéganô as a library in your Python program

If you want to use Stéganô in your Python program you just have to import the appropriate steganography technique. For example:

```
>>> from stegano import lsb
>>> secret = lsb.hide("./tests/sample-files/Lenna.png", "Hello World")
>>> secret.save("./Lenna-secret.png")
>>>
>>> clear_message = lsb.reveal("./Lenna-secret.png")
```

Use Stéganô as a program

Hide and reveal a message

```
$ stegano-lsb hide -i ./tests/sample-files/Lenna.png -m "Secret Message" -o Lena1.png
```

```
$ stegano-lsb reveal -i Lena1.png
```

Secret Message

Hide the message with the Sieve of Eratosthenes

```
$ stegano-lsb-set hide -i ./tests/sample-files/Lenna.png -m 'Secret Message' --generator eratosthenes -o Lena2.png
```

The message will be scattered in the picture, following a set described by the Sieve of Eratosthenes. Other sets are available. You can also use your own generators.

This will make a steganalysis more complicated.

Running the tests

```
$ python -m unittest discover -v
```

Contact