



*Python
packaging
sem
complicação!*



Hello! **I am Débora**

Graduanda do Bacharelado em Tecnologia da Informação - IMD/UFRN

Técnica em Informática e em Redes de Computadores - IFRN

Cofundadora do PyLadies Natal em 2014

Fala comigo no twitter @pydebb 

Ou me vê lá no Instagram @__debbs 

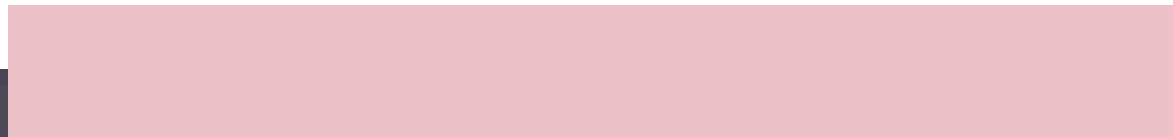
```
def codigo_lindo():  
    """Esse código é lindo demais, homi!"""  
  
    print("Código lindo s2")  
█
```

1

Por quê?

Pra quê?

*Outras pessoas
usando o seu
código*



Open Source

A solid pink horizontal bar is positioned at the bottom of the white text area, extending across most of its width.

2

Como compartilhar

o meu pacote?

“

*Deveria ter um jeito – e preferencialmente
só um – de fazer isso*

2. Como compartilhar o meu pacote

- ▷ PyPA
- ▷ PyPUG
- ▷ The Hitchhiker's Guide to Packaging

Definições

Definições

Módulo - código Python salvo em um arquivo

(import) pacote - diretório que tem o `__init__.py`

(distribution) pacote - pacote “empacotado”, instalável e compartilhável

Definições

Sdist - source distribution

Bdist_wheel - build distribution

Wheel - universal e pure Python





PyPI

Python Packaging Index

2

Arquivos principais

de configuração

```
debora@debora-PC: ~/pybr/example_pybr$ ls -l
```

```
total 32
```

```
drwxr-xr-x 4 debora debora 4096 Oct 20 07:09 build
drwxr-xr-x 2 debora debora 4096 Oct 20 07:09 dist
drwxr-xr-x 3 debora debora 4096 Oct 20 07:25 example_pybr
drwxr-xr-x 2 debora debora 4096 Oct 20 07:09 example_pybr.egg-info
-rw-r--r-- 1 debora debora 1071 Oct 20 06:22 LICENSE
drwxr-xr-x 5 debora debora 4096 Oct 20 07:28 myenv
-rw-r--r-- 1 debora debora 442 Oct 20 07:09 README.md
-rw-r--r-- 1 debora debora 345 Oct 20 07:21 setup.py
```


setup.py

```
from setuptools import setup

with open('README.md') as f:
    long_description = f.read()

setup(name='example_pybr',
      version='0.2',
      description='Example of a simple Python package',
      url='http://github.com/deboraazevedo/example_pybr',
      author='Debora Azevedo',
      author_email='deboraazevedo@gmail.com',
      long_description=long_description,
      license='MIT',
      packages=['example_pybr'],
      zip_safe=False)
```

LICENSE

```
1 MIT License
2
3 Copyright (c) 2018 Debora Azevedo
4
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6 of this software and associated documentation files (the "Software"), to deal
7 in the Software without restriction, including without limitation the rights
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9 copies of the Software, and to permit persons to whom the Software is
10 furnished to do so, subject to the following conditions:
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19 LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
20 OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
21 SOFTWARE.
```

read.me

```
1 # import example_pybr - Example of a simple Python package
2 [![License: MIT](https://img.shields.io/badge/License-MIT-blue.svg)](https://opensource.org/licenses/MIT)
3
4 ## Installation
5 ```
6 pip install example_pybr
7 ```
8
9 ## Usage
10
11 ```
12 >>> from example_pybr import example_pybr
13
14 >>> example_pybr.hello()
15
16 "Hello, PyBR14!"
17
18 ```
19
20 ## Contributing
21 PRs are welcome, if you have any questions don't be afraid to open an issue.
22
23 And remember: Always pull before pushing =)
```

example_pybr

```
from __future__ import print_function

def hello():
    """ Returns a Hello, World! """
    return("Hello, PyBR14!")

def say_hello():
    """ Prints Hello, World message """
    print(hello())
```



Thanks!

Any questions?

You can find me at @pydebb & deboraazevedoo@gmail.com