Build
Your Own
Python
PIP Package

1. **Create a directory for your package and navigate into it.**
2. **Create a new file named setup.py and include the following code:**

```
from setuptools import setup

setup(name='<package-name>',
        version='<package-version>',
        description='<package-description>',
        author='<author-name>',
        author_email='<author-email>',
        url='<package-url>',
        packages=['<package-name>'])
```

Replace the placeholders with your package name, version, description, author name and email, URL, and package name.

3. Create a directory with the same name as your package, and add your package code inside it.

4. Create a file named __init__.py inside your package directory. This file will be executed when your package is imported.
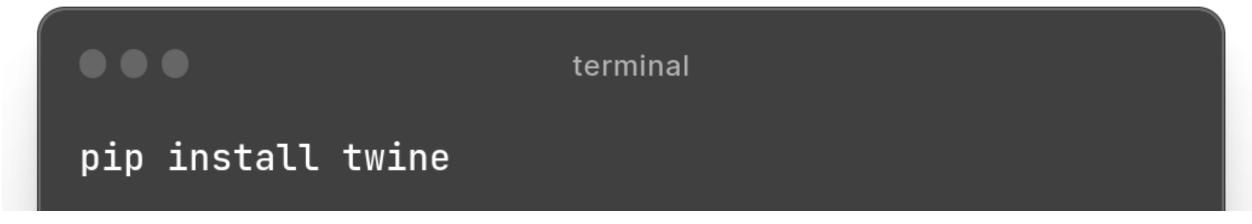
5. Create a README.md file with the package's documentation and instructions for installation and usage.

6. Optionally, create a LICENSE file with the license information for your package.

7. Navigate to the directory containing setup.py in your terminal and run the following command to build the package:

```
python setup.py sdist bdist_wheel
```

This command will create a source distribution and a binary distribution of your package.

8. Upload your package to PyPI using twine. If you don't have twine installed, you can install it using pip:

```
pip install twine
```

9. Then, run the following command to upload your package:

```
twine upload dist/*
```

This command will upload all the distributions of your package to PyPI.

Your package is now published on PyPI and can be installed using pip install <package-name>.

Hope it helps!

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