

# Exercicio1

October 7, 2019

## 1 Image processing in Python

- **Website (including documentation):** <https://scikit-image.org/Mailing>
- **list:** <https://mail.python.org/mailman/listinfo/scikit-image>
- **Benchmarks:** <https://pandas.pydata.org/speed/scikit-image/>

### 1.1 Installation from binaries

- **Debian/Ubuntu:** `sudo apt-get install python-skimage`
- **OSX:** `pip install scikit-image`
- **Anaconda:** `conda install -c conda-forge scikit-image`
- **Windows:** Download [Windows binaries](#)
- **Windows:** Also see installing scikit-image.

## 2 Instalation from source

Install dependencies using:

```
pip install -r requirements.txt
```

Then, install scikit-image using:

```
$ pip install.
```

If you plan to develop the package, you may run it directly from source:

```
$ pip install -e. # Do this once to add package to Python path
```

Every time you modify Cython files,also run:

```
$ python setup.py build_ext -i # Build binary extensions
```

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## 4 Citation:

If you find this project useful, please cite: >Stéfan van der Walt, Johannes L. Schönberger, Juan Nunez-Iglesias, François Boulogne, Joshua D. Warner, Neil Yager, Emmanuelle Gouillart, Tony Yu, and the scikit-image contributors. scikit-image: Image processing in Python. PeerJ 2:e453 (2014) <https://doi.org/10.7717/peerj.453>