UNIVEM DIGITAL

Ferramentas de Produtividade

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Apresentação Jupyter Notebook

Jupyter

O que é:

- Ferramenta para compilação de códigos;
- É possível rodar células de código separadas;
- Separação de códigos por trechos;
- Criação de anotações didáticas e explicativas com maior facilidade.

jupyter

Jupyter - Online

An example: visualizing data in the notebook ✨

Below is an example of a code cell. We'll visualize some simple data using two popular packages in Python. We'll use NumPy to create some random data, and Matplotlib to visualize it.

Note how the code and the results of running the code are bundled together.

[1]:
```
a = 2
a
```

[1]: 2

[1]:
```
from matplotlib import pyplot as plt
import numpy as np

# Generate 100 random data points along 3 dimensions
x, y, scale = np.random.randn(3, 100)
fig, ax = plt.subplots()

# Map each onto a scatterplot we'll create with Matplotlib
ax.scatter(x=x, y=y, c=scale, s=np.abs(scale)*500)
ax.set(title="Some random data, created with JupyterLab!")
plt.show()
```

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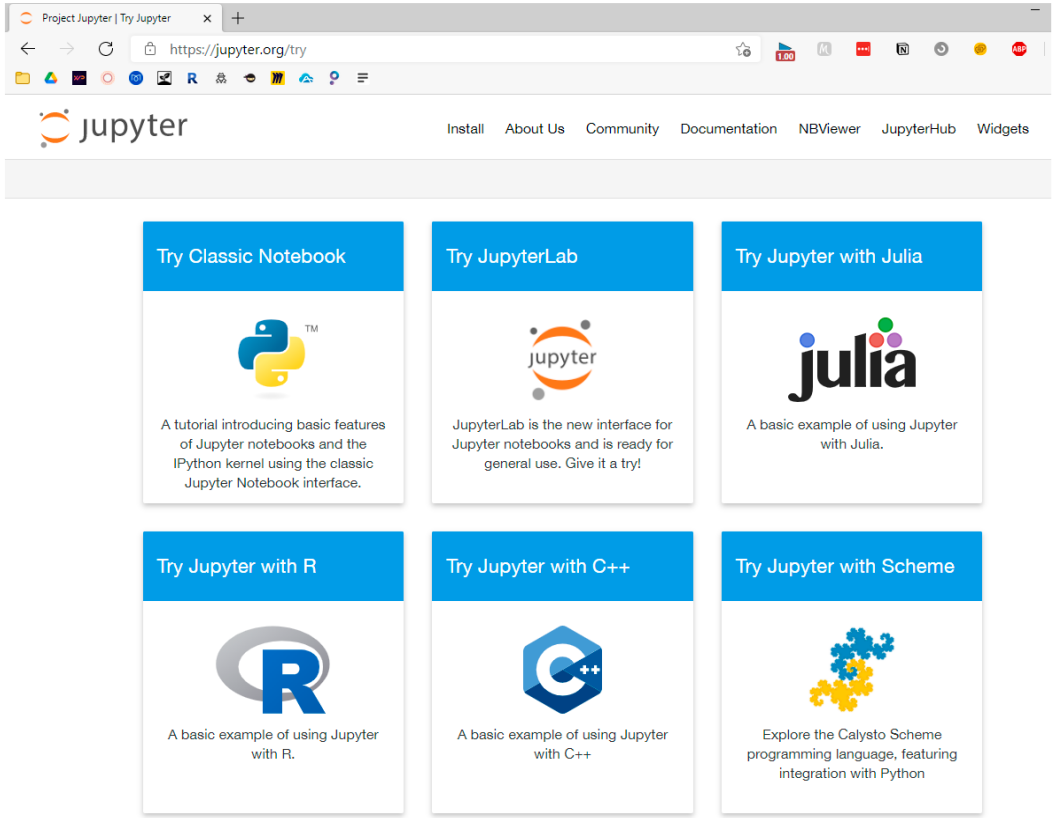
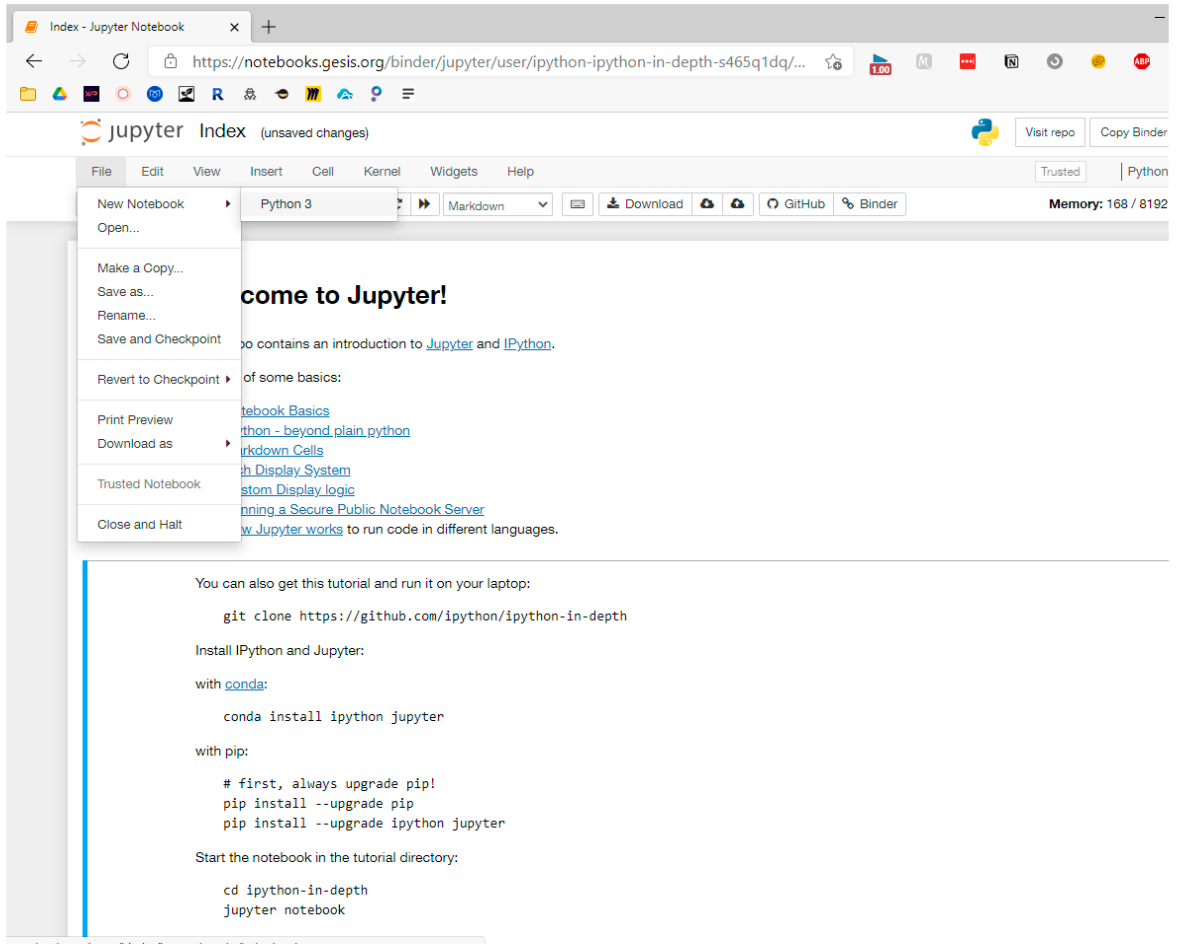
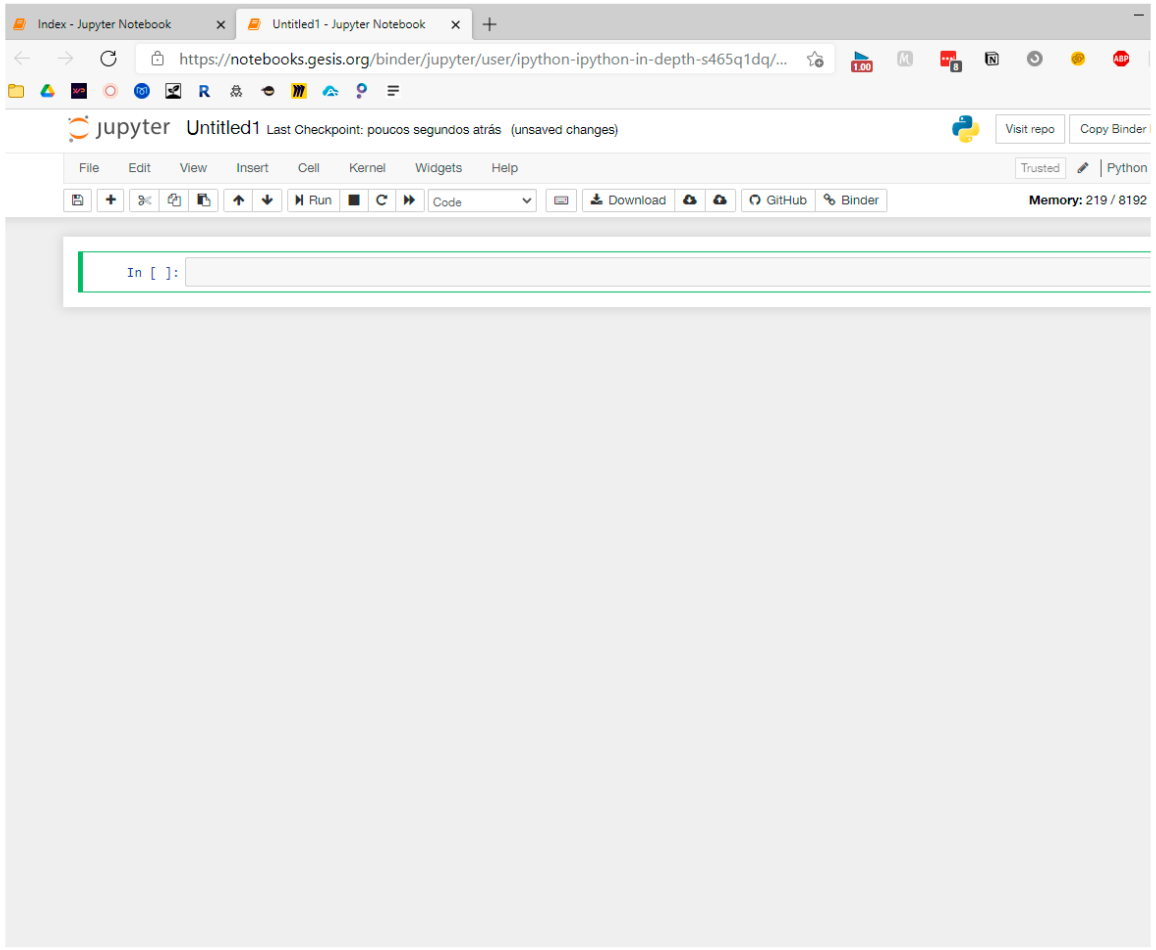


[site jupyter]

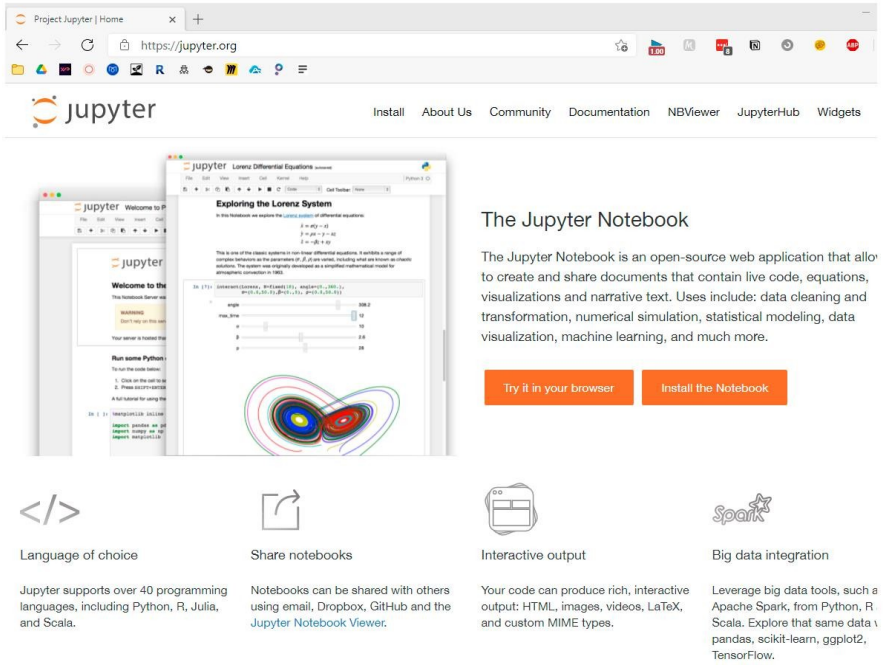
Jupyter - Online



Jupyter - Online

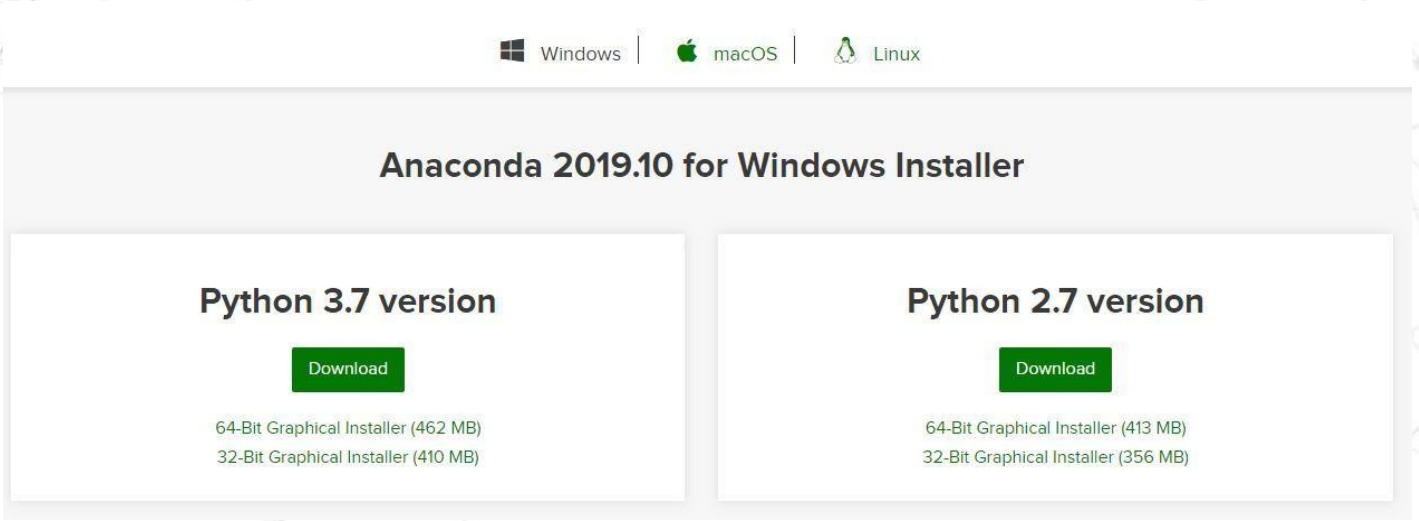


Jupyter - Instalação



jupyter.org

Jupyter - Instalação



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Jupyter - Instalação

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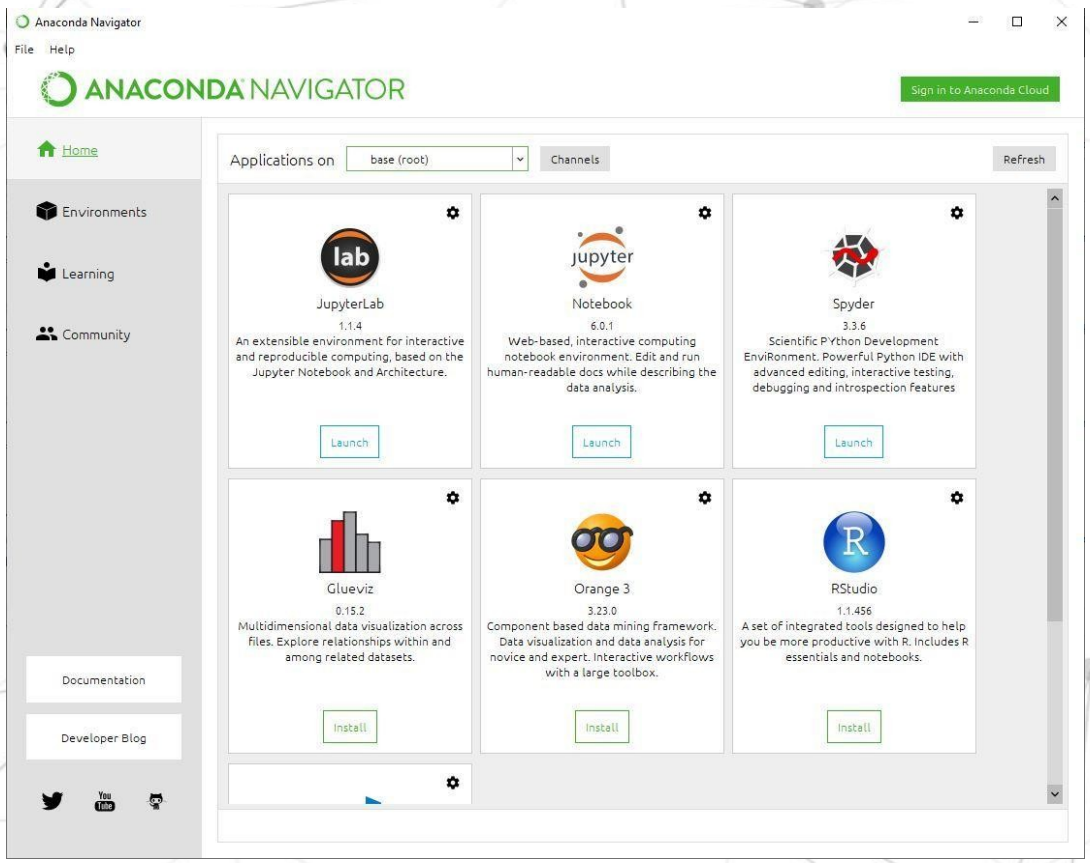
Jupyter - Instalação



anaconda
Tutorial Anaconda

Jupyter - Instalação

```
python -m pip install jupyter
```

Tutorial Instalar Jupyter

Tempo de Execução:
Máximo: 20 / 25min

jupyter