

# PROJET : FAUX BILLETS

GUIDE D'INSTALLATION DE LA BIBLIOTHEQUE PYMF

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# Modification à faire sur le fichier base.py

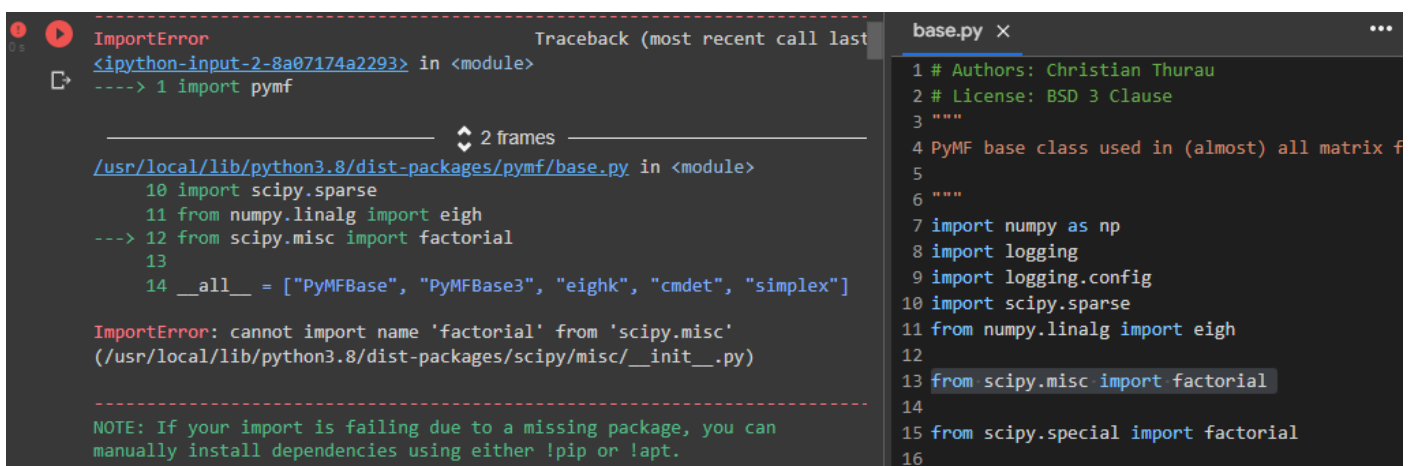
## GUIDE:

Pour réussir à exécuter le projet, il faut faire une petite modification en remplaçant la ligne suivante :

**from scipy.misc import factorial**

Par celle-là :

**from scipy.special import factorial**



The screenshot shows a Jupyter Notebook interface. On the left, the IPython console displays a traceback for an `ImportError`. The error occurs in `<ipython-input-2-8a07174a2293>` at line 1, where `import pymf` is executed. The traceback shows the call stack going to `/usr/local/lib/python3.8/dist-packages/pymf/base.py` at line 12, where `from scipy.misc import factorial` is used. The error message is: `ImportError: cannot import name 'factorial' from 'scipy.misc' (/usr/local/lib/python3.8/dist-packages/scipy/misc/__init__.py)`. A note at the bottom suggests installing dependencies with `!pip` or `!apt`.

On the right, the `base.py` file is open, showing the following code:

```
1 # Authors: Christian Thureau
2 # License: BSD 3 Clause
3 """
4 PyMF base class used in (almost) all matrix f
5
6 """
7 import numpy as np
8 import logging
9 import logging.config
10 import scipy.sparse
11 from numpy.linalg import eigh
12
13 from scipy.misc import factorial
14
15 from scipy.special import factorial
16
```