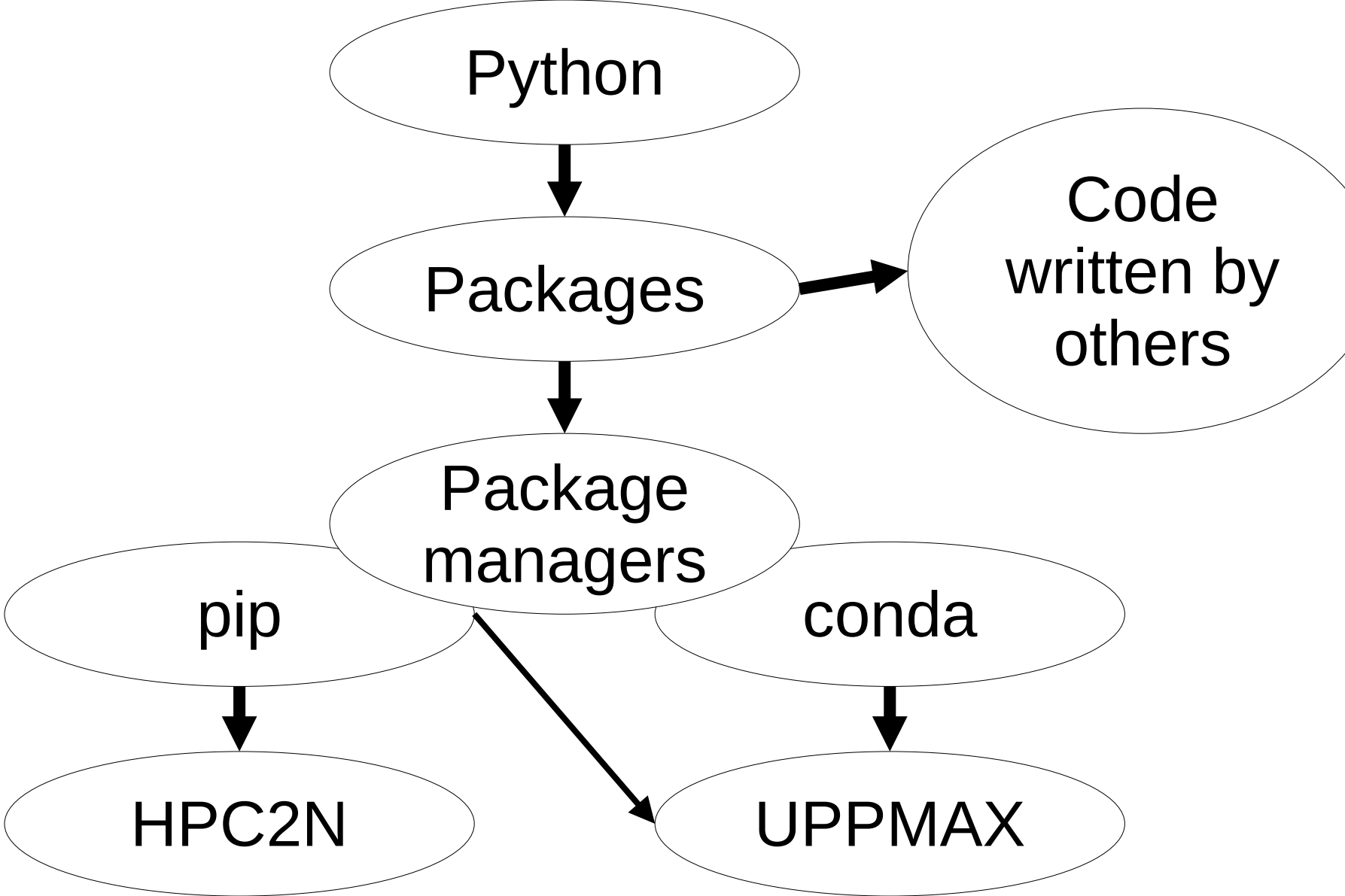
Find and use packages

Using pip

UPPMAX and HPC2N
Rackham and Kebnekaise

https://youtu.be/novRJfAa2QA


Python
Packages
Code written by others
Package managers
pip
conda
HPC2N
UPPMAX

How to find packages

Bash:

```
module help python
module help python/3.11.4
```

How to see a package is installed?

Bash:

```
module load python/3.11.4
pip list
pip3 list
```

How to see a package is installed?

Bash:

```
module load python/3.11.4
python
```

Python:

```
import pandas
```

How to install a package?

Bash:

```
module load python/3.11.4

pip install --user [my package]
pip install --user pandas
```

Exercise

Run the following Python code successfully:

```
import cycler
```

(it is irrelevant to know what the `cycler` Python package does)