

# Anaconda

- Distribution python libre et multiplateforme (Windows, GNU/Linux, Mac OS), avec le système de Notebook web Jupyter en prime... Si les conditions sont limitées (matériel, réseau,...), il peut être plus intéressant d'installer la version [miniconda](#) qui permet de compléter par la suite et à la demande l'installation de librairies
- Site officiel global [Anaconda | The World's Most Popular Data Science Platform](#)
- Version opensource individuelle [Anaconda - Individual Edition](#)
  - Documentation [Anaconda Individual Edition — Anaconda documentation](#)
  - Cheat Sheet :  
[https://kapeli.com/cheat\\_sheets/Conda.docset/Contents/Resources/Documents/index](https://kapeli.com/cheat_sheets/Conda.docset/Contents/Resources/Documents/index)

## Installation

- Windows
  - <https://docs.anaconda.com/anaconda/install/windows/>
  - [Environnement Python : Installer Anaconda pour bien démarrer](#)
  - [python:installation:accueil \(L.Pointal\)](#)
  - [Installing Anaconda on Windows - Problem Solving with Python](#)
  - [Install Python \(Anaconda\) on Windows - by Michael Galarnyk - Medium](#)
- Mac OS
  - <https://docs.anaconda.com/anaconda/install/mac-os/>
  - [How to Successfully Install Anaconda on a Mac](#)
  - [Install Anaconda on MacOS Big Sur](#)
- GNU/Linux
  - <https://docs.anaconda.com/anaconda/install/linux/>
  - <https://phoenixnap.com/kb/how-to-install-anaconda-ubuntu-18-04-or-20-04>
  - [Comment installer Anaconda sur Ubuntu 18.04](#)
  - <http://askubuntu.com/questions/505919/installing-anaconda-python-on-ubuntu> (concerne installation sous Ubuntu GNU/Linux)
  - création d'un lanceur pour Anaconda Navigator : [Can't create anaconda shortcut to launch from desktop on ubuntu 17.10?](#)
  - janvier 2021 :
    - `sudo apt-get update`
    - `sudo apt-get upgrade`
    - `sudo apt-get install curl`
    - `curl -O https://repo.anaconda.com/archive/Anaconda3-2020.11-Linux-x86_64.sh`
    - vérifier sur [https://docs.anaconda.com/anaconda/install/ hashes/Anaconda3-2020.11-Linux-x86\\_64.sh-hash/](https://docs.anaconda.com/anaconda/install/ hashes/Anaconda3-2020.11-Linux-x86_64.sh-hash/)
    - `bash Anaconda3-2020.11-Linux-x86_64.sh`

## Mises à jour, update

- `conda update conda`
- `conda update anaconda`
  - mieux que `conda update -all -yes` : see <https://github.com/conda/conda/issues/1414>

- ref : <https://stackoverflow.com/questions/45197777/how-do-i-update-anaconda>

## Désinstallation

- Windows
  - ...
- Mac OS
  - ...
- GNU/Linux :
  - `conda install anaconda-clean`
  - `rm -rf ~/anaconda3`
  - `nano ~/.bashrc` → effacer ou commenter la ligne `export PATH="/home/username/anaconda3/bin:$PATH"`

## Environnements virtuels

- <https://conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html>
- `conda create -n foo`
- `source activate foo`
- `source deactivate`
- `conda remove -n foo -all`
- [A Guide to Python Environment, Dependency and Package Management: Conda + Poetry - How to add packages to your environment files automatically without ever worrying about the dependencies](#) Esmail Alizadeh, Medium, 29/01/2021

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