Python in a Click

Reproducible Dev Environments for Python

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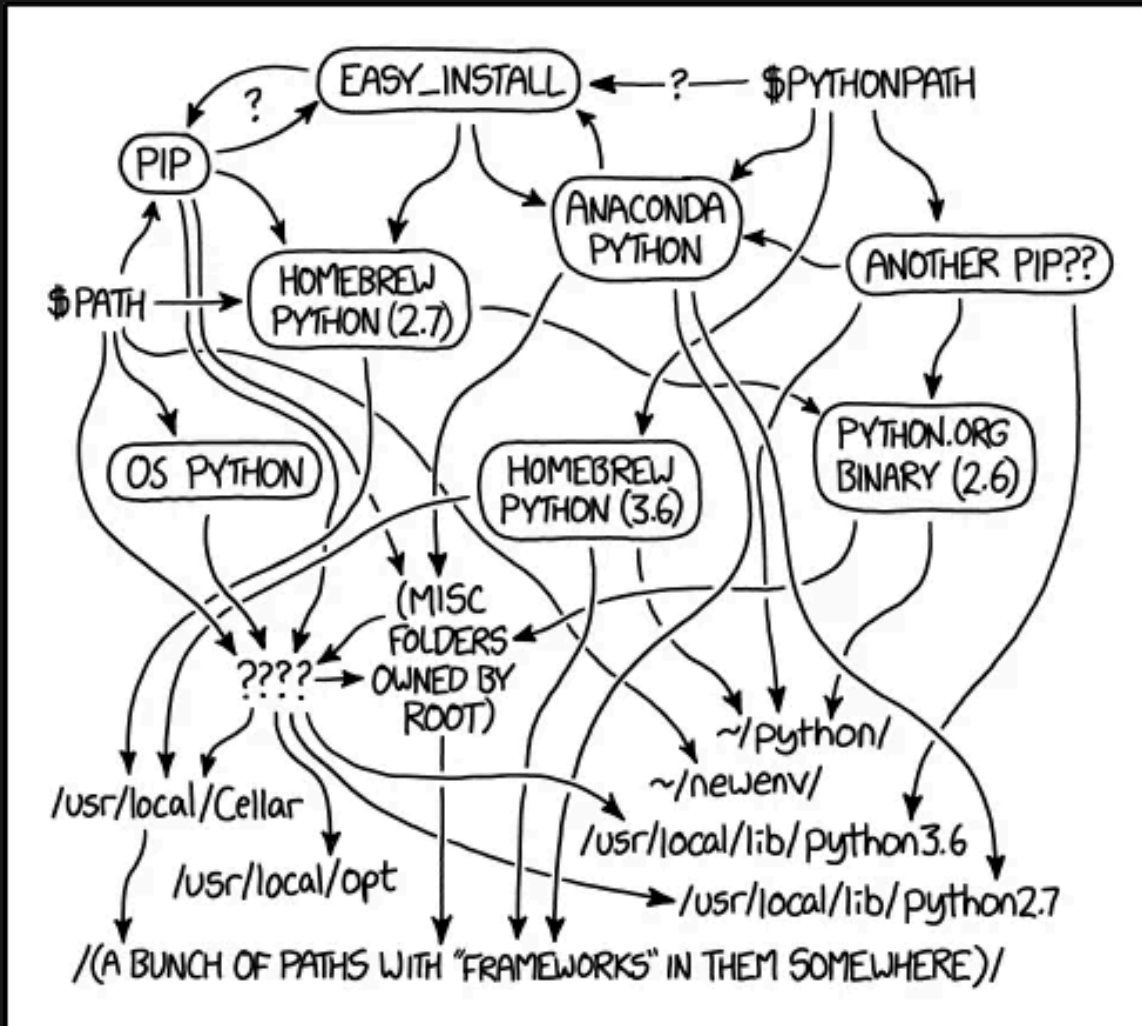
Source: Freezing Python's Dependency Hell in 2018

What if we could setup Python `in one click`?

- No more conflicting Pythons

- No more conflicting packages

- No more random fiddling

Python Dev Environment in a Box

- `uv` - Python version and package manager bundled into one

- `mise` - Manages dev tools, env vars, and tasks

- `devcontainer` - Containers as full-fledged dev environments

Let's Try it Out!

Some Points…

- This is not limited to Python
  - Any language and any tool (i.e. databases, services etc.) can work!
- You'll need to install a base set of tools
  - Docker Desktop + VSCode Dev Containers
  - GitHub Codespaces
- You'll need to maintain your setup scripts

What Now?

Check out the repo for this talk: jarcelao/python-in-a-click