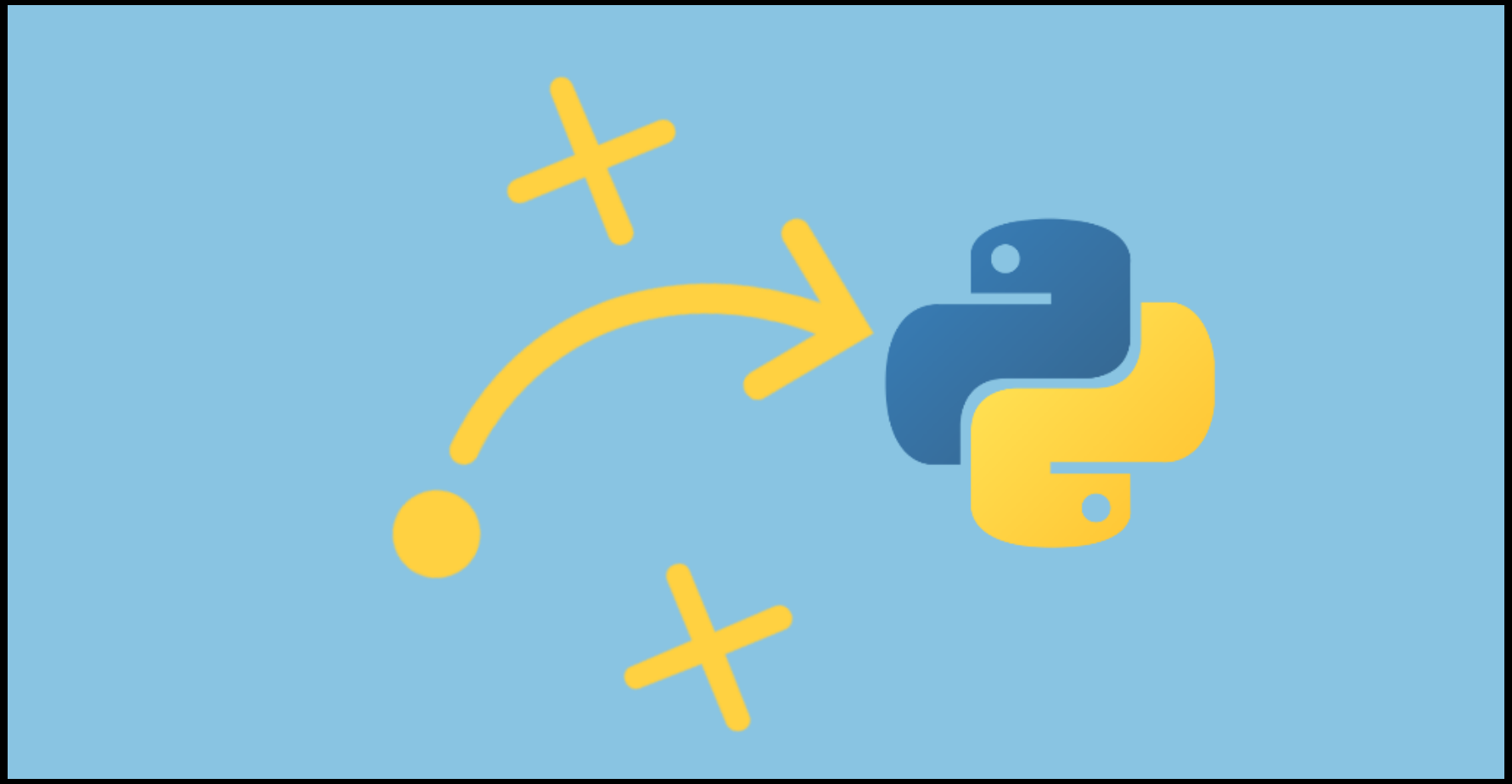
# When NOT to Python



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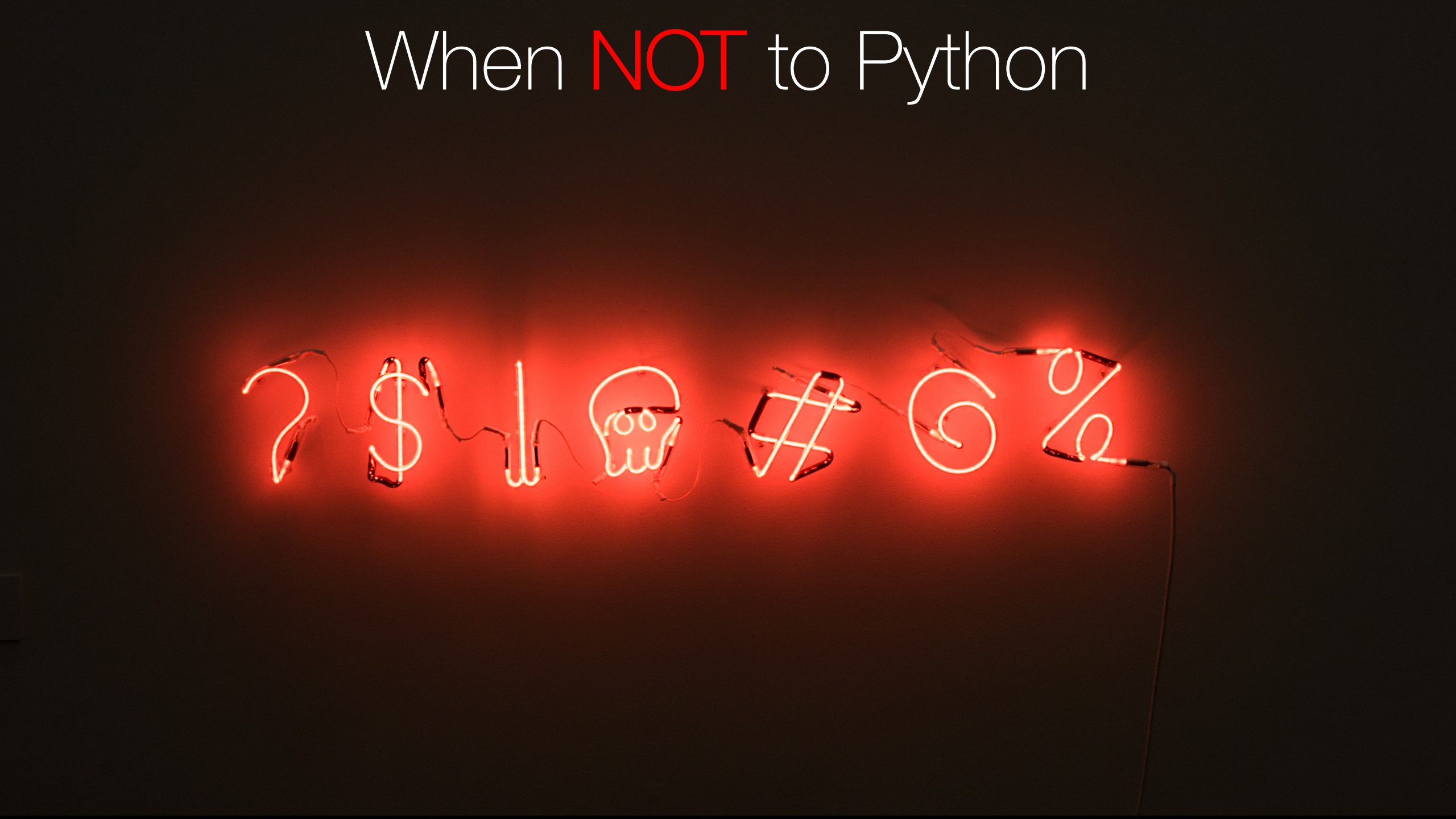
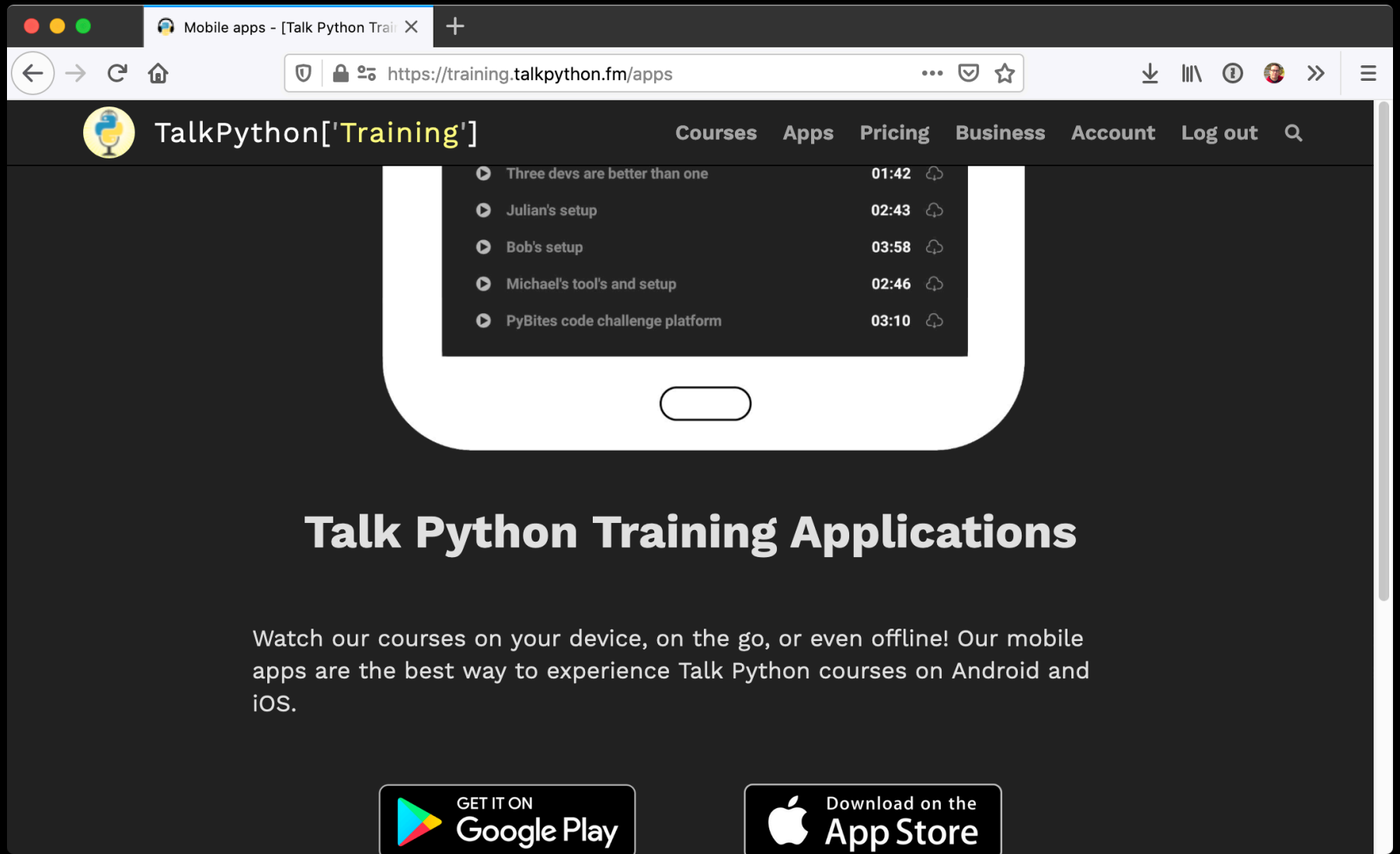


# Python vs. …

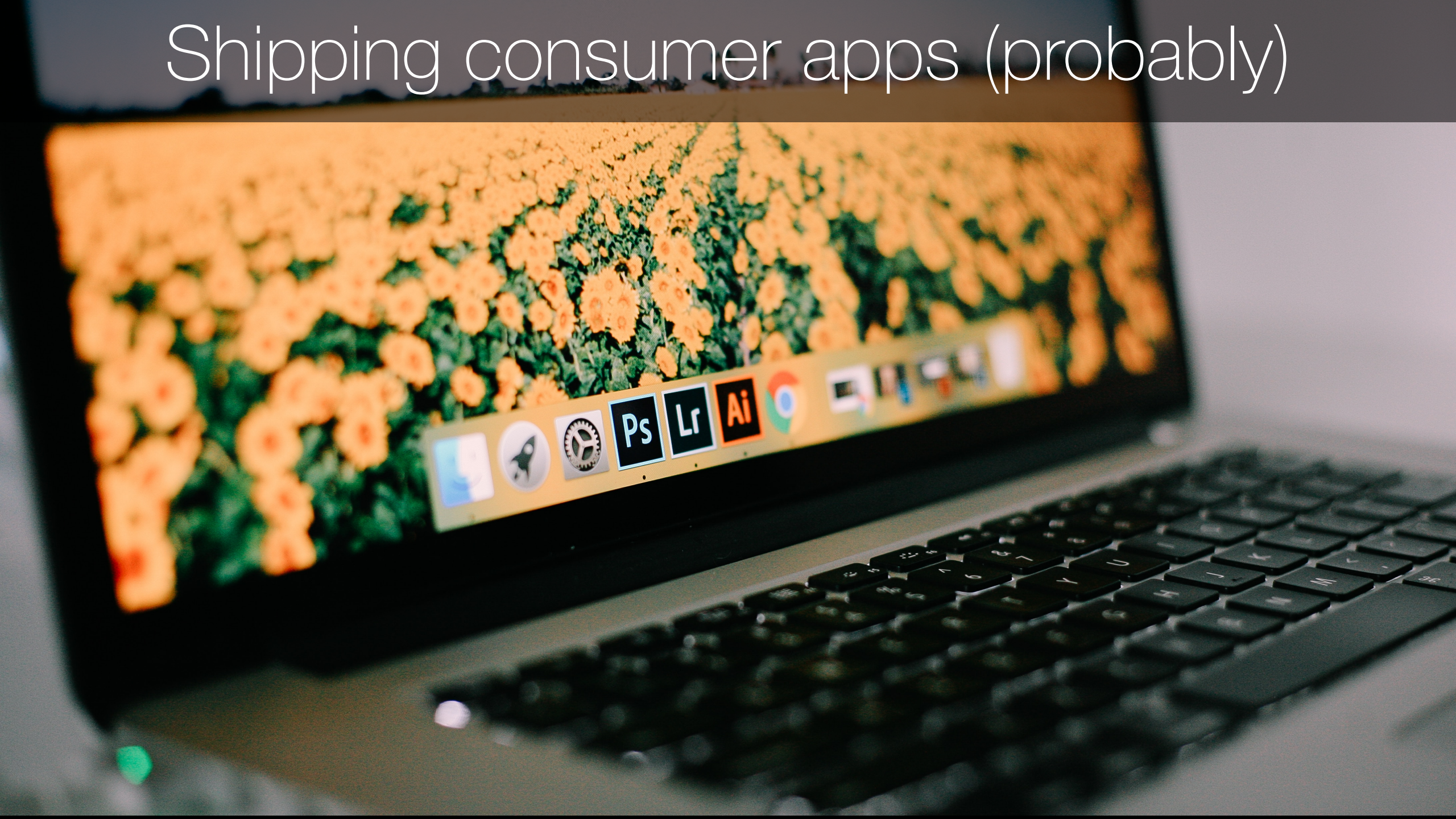
| | Python |
|---|---|
| Open source | Yes |
| Compiled | Typically no |
| Owned by a company | No |
| Base class library | Yes |
| Web app capabilities | Very strong |
| Database capabilities | Very strong |
| Mobile app capabilities | Poor |
| Desktop app capabilities | Moderate |
| Stack overflow Rank | 1 |
| TIOBE rank | 3 |
| Price | Free |
| General purpose language | Yes |
| Scientific computing level | Very strong |

- Mobile

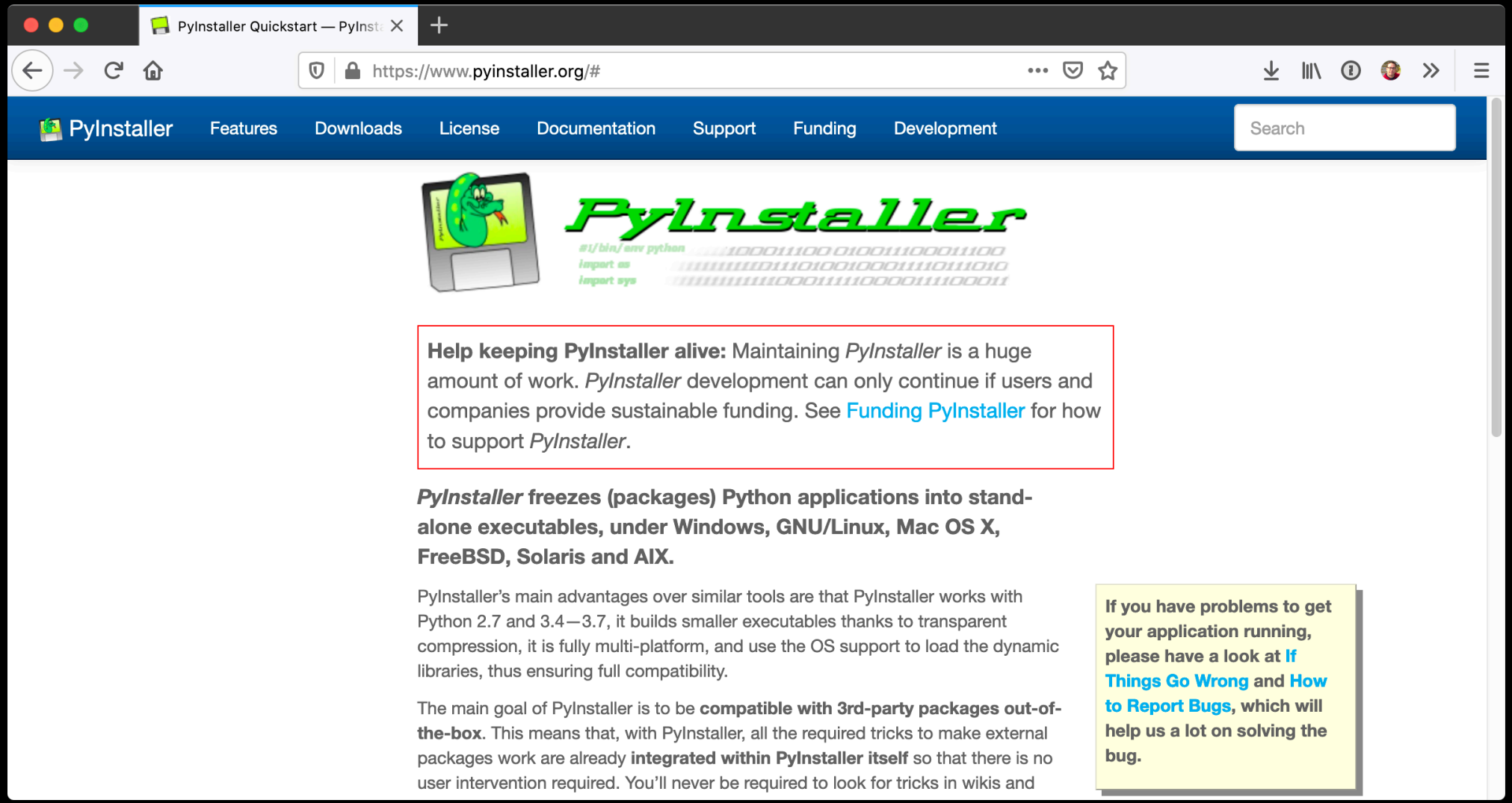
# Talk Python Training Apps



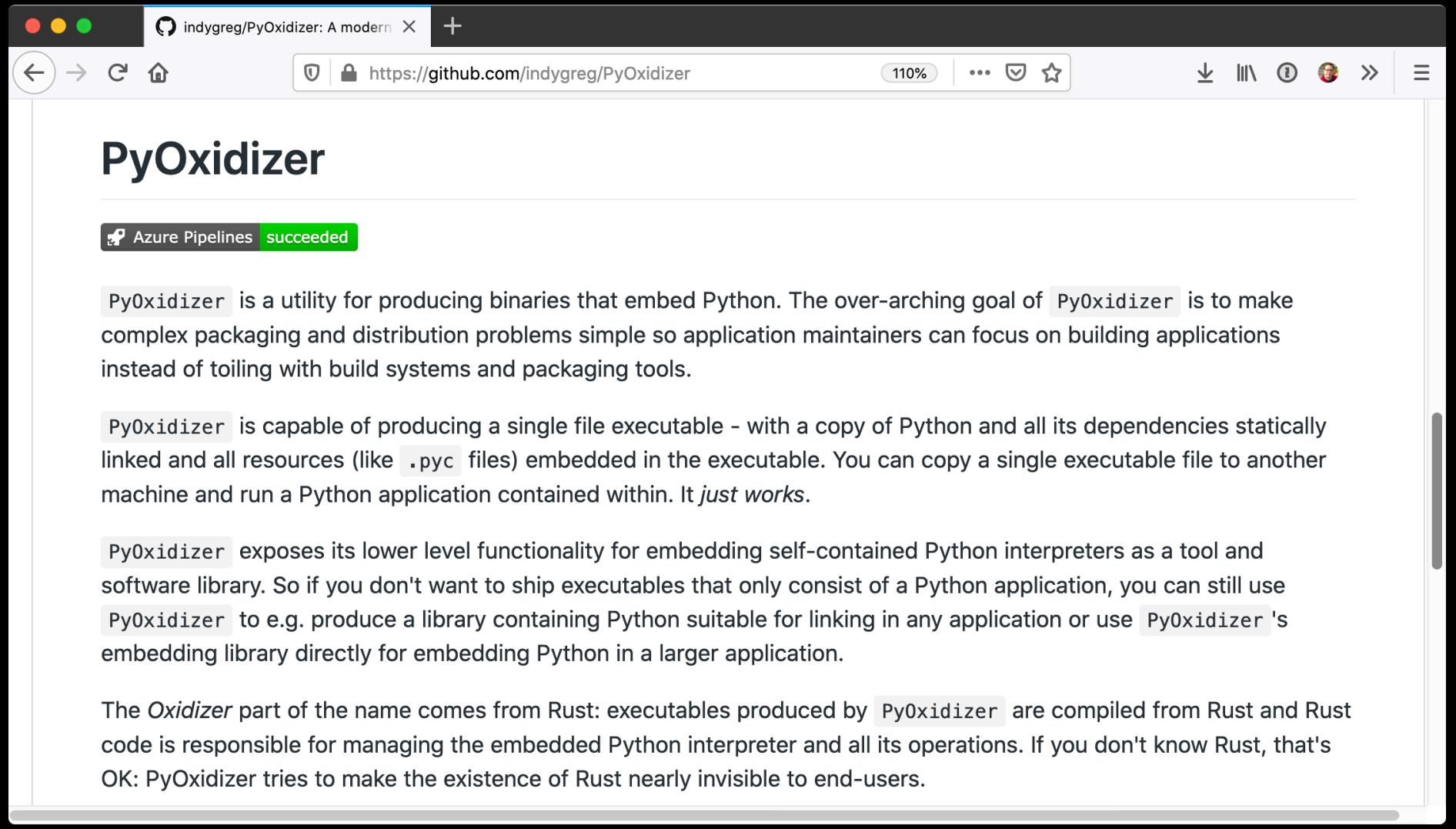
# Shipping consumer apps (probably)



# PyInstaller



# PyOxidizer


indygreg/PyOxidizer: A modern
https://github.com/indygreg/PyOxidizer
110%
PyOxidizer
Azure Pipelines succeeded
PyOxidizer is a utility for producing binaries that embed Python. The over-arching goal of PyOxidizer is to make complex packaging and distribution problems simple so application maintainers can focus on building applications instead of toiling with build systems and packaging tools.
PyOxidizer is capable of producing a single file executable - with a copy of Python and all its dependencies statically linked and all resources (like .pyc files) embedded in the executable. You can copy a single executable file to another machine and run a Python application contained within. It just works.
PyOxidizer exposes its lower level functionality for embedding self-contained Python interpreters as a tool and software library. So if you don't want to ship executables that only consist of a Python application, you can still use PyOxidizer to e.g. produce a library containing Python suitable for linking in any application or use PyOxidizer's embedding library directly for embedding Python in a larger application.
The Oxidizer part of the name comes from Rust: executables produced by PyOxidizer are compiled from Rust and Rust code is responsible for managing the embedded Python interpreter and all its operations. If you don't know Rust, that's OK: PyOxidizer tries to make the existence of Rust nearly invisible to end-users.