

NEXT-GEN PYTHON TOOLING

MARCH 21, 2025



RUFF

An extremely fast Python linter and formatter.



RUFF

DEC. 2023

MONTHLY DOWNLOADS

GITHUB STARS

7.6M

20,539

VS CODE INSTALLS

CONTRIBUTORS

244,502

335

MAR. 2025

MONTHLY DOWNLOADS

GITHUB STARS

44.6M

36,851

VS CODE INSTALLS

CONTRIBUTORS

1,625,789

609



UV

An extremely fast Python package manager.

UV

Powering projects across the Python ecosystem

Since February, uv has grown to over **29M** monthly downloads, and now represents over 10% of all PyPI package downloads, or ~230M requests per day.

GITHUB STARS

44,622

PYPI SHARE

12.59%

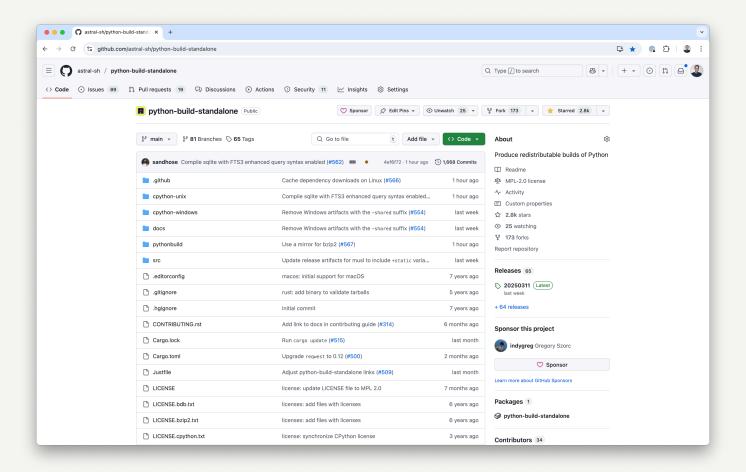
DOWNLOADS PER MONTH

29.7M

PYPI REQUESTS PER DAY

~230M







What's working well?

- Wheels
- "Universal" locking and "universal" lockfiles
- Declarative configuration
- Speed



Where should we focus?

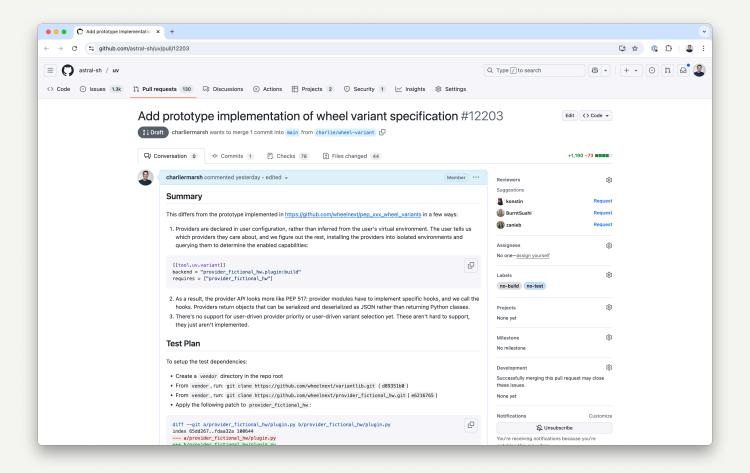
- Hardware-accelerated dependencies
- Consistent metadata within a distribution
- Relocatable Python distributions



How can we help?

- Building prototypes into uv directly (#12203)
- A proving ground for new ideas, pre-PEP
- A close connection to users and a significant focus on user experience







THANK