

Scipy, Numpy, Xarray and Python all have a pixi.toml. Why?

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After 3 years, Pixi is widely adopted in the scientific Python ecosystem, let me show you why!

Scientific Python has specific challenges that Pixi can solve well; a lot of our beloved packages contain C, C++, Rust, CUDA or even Fortran code. With Pixi, a single tool can install compilers, different Python versions and other build tools in one go, thanks to piggybacking on the years of development the Conda ecosystem has seen.

Thanks to Pixi's task system and native multi-platform capabilities, the contributor experience is also enhanced. Daunting tasks like running CMake, installing the correct Rust version or C++ compilers are all hidden away behind a magical: `pixi run foobar`.

Are you interested to see how you could improve your own workflow and learn from what these big open-source projects are doing? Then you should join this talk! You'll be amazed by what is possible these days.

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