



Build Smarter • Ship Faster

Nx is a **build system**, optimized for monorepos, with **AI-powered** architectural awareness and **advanced CI** capabilities.



LOCAL CACHING

Dramatically speed up task execution times while developing locally



ACTIONABLE VISIBILITY

Gain clear visibility into dependencies throughout your entire workspace with the Nx Project Graph and modular tooling



INTEGRATED TOOLING

Add testing, UI libraries, and more in seconds with Nx's plugin ecosystem



BOOST DEVELOPER PRODUCTIVITY

Make your AI assistant significantly smarter by providing it with rich metadata about your workspace

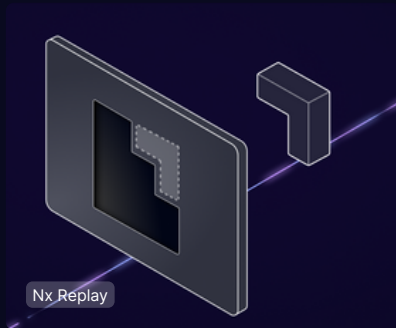


ADOPT GRADUALLY, SCALE CONFIDENTLY

Use Nx with a single project or incrementally add it to existing projects

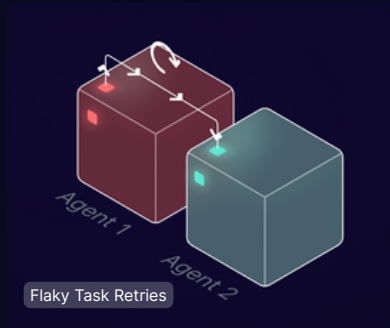


Smarter monorepos, faster CI



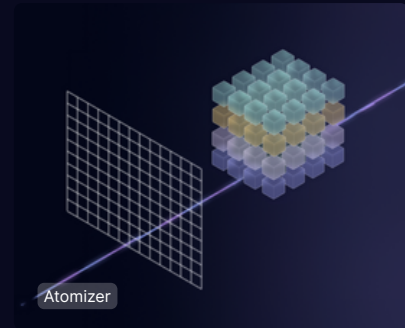
Never build the same task twice

Remote caching ensures that tasks are never rebuilt twice, reducing build times and resource usage.



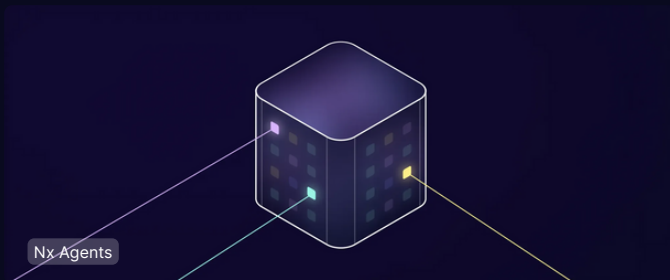
One less thing to debug

Automatically detect and re-run flaky tasks, enhancing the reliability of your CI and minimizing time spent debugging.



Break tasks down, to speed tests up

Split large e2e tests into smaller, atomized tasks, to speed up testing. Parallelize tests to reduce bottlenecks and speed up pipelines.



Machines, make it fast!

Distribute tasks across machines, significantly reducing build times. Dynamically allocate agents based on PR size to balance speed and cost



Always thinking a step ahead for you

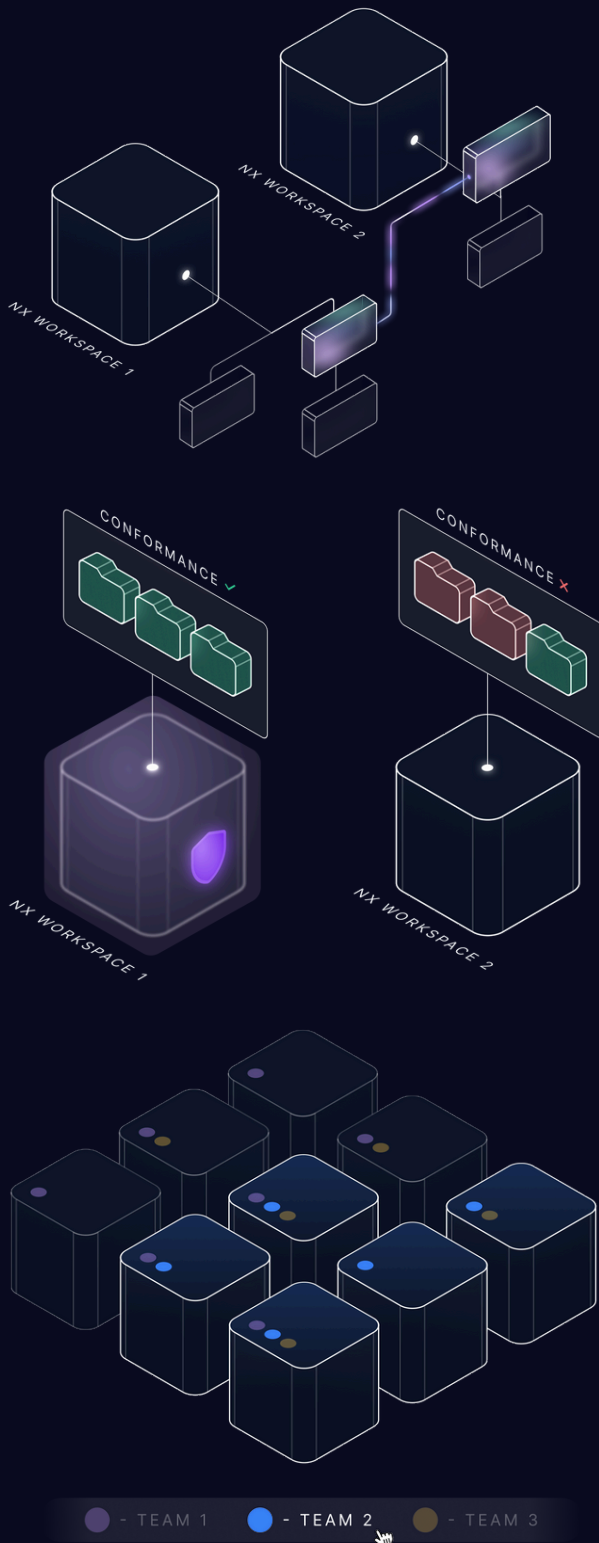
Partnering with Nx means you receive expert guidance ensuring your setup is optimized for maximum efficiency.

“Nx means tooling and efficiency around our software development lifecycle that empowers us to move a lot faster, ship code faster and more reliably.”



Justin Schwartzenberger
Principal Software Engineer at SiriusXM

Tooling that helps you scale



Visibility

See dependencies across teams and repos

With the Workspace Graph, see dependencies across all your repos to understand which projects and teams are affected by changes in a single repo.

Conformance

Streamline onboarding and governance

Platform teams can easily publish and enforce coding standards across an entire organization. Write and publish rules, refactorings, and generators, then quickly deploy them across all repos without involving individual teams.

Ensure security vulnerabilities are always addressed and third-party dependencies stay up to date.

Ownership

Clear, expressive ownership

Unlike the code ownership tools from VCS providers, Nx Owners is built for monorepos. Define ownership at the project level. Nx will compile it back to the file-based rules your VCS providers understand.

With Polygraph, see owners across all your repositories and plan out multi-repo refactorings and migrations.

Don't lose velocity as your organization grows ~~10x developers~~ Nx developers are even more efficient at scale

CI Pipeline Efficiency – Before vs. After Nx Cloud

CI Stage	Before Nx Cloud	After Nx Cloud	Improvement
Build + Lint Test	~ 45m ~ 45m	~25 m (total)	3.6x faster
Worst Case Build	2hr	20m	6x faster
Worst Case Test	2.5h <i>with high failure rate</i>	40m <i>very low failure rate</i>	3.75x faster
Complete Pipeline	3-4h	30m-1h	4-6x faster
Development to Deployment	8 hours	3 hours	5 hour of delay reduced

Based on real-world metrics from an Nx Enterprise implementation.
Actual results may vary. Request an Nx Enterprise POV for a tailored performance estimate.

Data, that shows you where to focus.

Automatic flaky tasks detection, cache hit rates, execution durations and more.

