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Intro to Nx

Nx is a powerful open-source build system that provides tools and techniques for enhancing developer productivity, optimizing CI performance, and maintaining code quality. [Check out our video](#) to learn more about what Nx is about.

Core Features

- **Run Tasks Efficiently:** Nx [runs tasks in parallel](#) and orders the tasks based on the dependencies between them.
- **Distribute Tasks in CI:** Nx scales your CI by [distributing tasks](#) across many VMs. Your CI is fast no matter how big your repository is.
- **Cache Locally & Remotely:** With [local](#) and [remote caching](#), Nx prevents unnecessary re-runs of tasks, saving you valuable dev time.
- **Split E2E Tests and Rerun Flaky Tests:** Nx [automatically splits](#) large e2e tests to distribute them across VMs. Nx can also automatically [identify and rerun flaky e2e tests](#).
- **Automate Dependency Updates:** if you leverage [Nx plugins](#) you gain additional features such as [code generation](#) and tools to [automatically upgrade](#) your codebase and dependencies.
- **Make it Your Own:** Nx is highly customizable and extensible. Fine-tune it by [creating your own plugins](#) and optionally [share them with the community](#).

Find out more about [why you should use Nx](#) or browse our [features](#).

Try Nx Yourself!

Create a new workspace