

npm or npx:
Which do you
rely on?

NEXT ⚡

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**Ever wondered
about npm vs npx?
Let's clear the
confusion!**

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What is **npm**?

- **Node Package Manager**
- Manages project dependencies
- Installs and updates packages

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npm in Action:

- **npm install:** Adds a package to your project
- **npm update:** Updates installed packages
- **npm run:** Executes scripts defined in package.json

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What is **npx**?

- **npx**: Node Package Execute
- Runs binaries from npm packages
- No global installation needed

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npx in Action:

- **npx create-react-app my-app**: Creates a new React app
- **npx jest**: Runs Jest tests without global install
- **npx <package>**: Executes any npm package temporarily

Key Differences:

- **npm**: Manages and installs packages
- **npx**: Executes packages without installation
- **npm** is for dependency management
- **npx** is for running commands



When to Use **npm**:

- Adding dependencies to your project
- Updating or removing packages
- Running scripts defined in package.json

When to Use **npx**:

- Running one-off commands
- Testing packages without installation
- Executing binaries from npm packages

- **npm install -g create-react-app:**
Globally installs create-react-app
- **npx create-react-app my-app:** Uses npx to run create-react-app temporarily

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something new
today

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