NPM and NPX.txt

3. Explain the difference between npm and npx using the create-react-app code example.

Ans: The key difference between npm and npx can be illustrated well using the create-react-app example.

Using npm with create-react-app

If you install create-react-app using npm:

npm install -g create-react-app

This command globally installs create-react-app on your system. Now, to create a new React app, you'd run:

create-react-app my-app

Permanent Installation: The package is globally installed and occupies storage.

Updates Needed Manually: If there's a new version of create-react-app, you need to update it manually to use the latest features.

Using npx with create-react-app

On the other hand, npx allows you to run a command from a package without installing it globally:

npx create-react-app my-app

No Global Installation: npx will download create-react-app, run it, and then discard it after execution, so it doesn't take up space permanently.

Always Up-to-date: npx fetches the latest version available at runtime, so you don't have to manage updates.