**Node Package Manager**

**What is npm:**

npm (Node Package Manager) is a tool for managing JavaScript libraries and dependencies. It’s used by developers to install and manage packages. This are reusable pieces of code that help make developing applications easier.

**Why npm:**

npm is useful because it helps developers save time. It simplifies the process of managing code libraries and dependencies, making it easier to update, share, and reuse code. Whether we're working alone or in a team, npm makes wer development process more easy.

**When To Use npm:**

npm is used whenever we working with Node.js projects or need to manage external libraries and dependencies in JavaScript application. It’s especially helpful for organizing and maintaining the libraries used in a project and ensuring compatibility with different versions.

**Where Can We Use npm:**

npm is a command-line tool, so we can use it anywhere, as long as we have Node.js installed. It works in any development environment.

**pnpm (Performant npm)**

**What is pnpm:**

pnpm (Performant npm) is a package manager for JavaScript that helps we manage dependencies in projects. It works similarly to npm but is faster and more efficient in terms of disk space. pnpm stores packages globally and links them to wer project.

**Why pnpm:**

pnpm is great because it saves time and space. It installs packages faster and uses less storage by reusing already downloaded packages across different projects. It simplifies managing libraries and dependencies, which makes useful for developers working on multiple projects at once.

**When To Use pnpm:**

pnpm is perfect for when we're working on JavaScript or Node.js projects and need a fast and efficient way to manage libraries. It’s helpful if we're working with multiple projects or large applications to save space and time.

**Where Can We Use pnpm:**

pnpm is a command-line tool, so it works anywhere we have Node.js installed. It can be used in any development environment, whether we're working on wer laptop, in a team, or on a larger project.

**Yarn**

**What is Yarn:**

Yarn is a package manager for JavaScript that helps to manage the project dependencies. It’s similar to npm but aims to be faster, secure, and reliable. Yarn helps you install, update, and manage libraries (packages) that we need.

**Why Yarn:**

Yarn is useful because it speed up the process of installing dependencies. It also caches packages locally, once we download something, it’s available for future use without need to download it again.

**When To Use Yarn:**

Yarn is used when working on JavaScript or Node.js projects. It’s especially useful if we need faster dependency installation, reliability, and consistency in different environments.

**Where Can We Use Yarn:**

Yarn is a command-line tool, so we can use it anywhere when Node.js installed. It works in any development environment, whether we're coding locally or working on a team project in the cloud.