

Introduction

THIS DOCUMENT COVERS

- ◆ Introduction
-

Cheat Sheets

NPM

The `npm` command is the command-line client for node package manager. It is installed when we install `node.js`.

NPM COMMANDS

File/Folder/Command	Details
<code>npm list -g</code>	List all node packaged installed globally
<code>npm list -g --depth 0</code>	List all top-level node packages installed globally
<code>npm install</code>	Install all packages specified in <code>package.json</code>
<code>npm install typescript</code>	Install package <code>typescript</code> and its dependencies
<code>npm install -D typescript</code>	Install package <code>typescript</code> as a development dependency only
<code>npm list</code>	Show all local packages and their dependencies
<code>npm run</code>	Run a script specified in <code>package.json</code>

NPX

The `npx` command is used to execute packages from the npm registry without locally installing them. The classic use case is `create-react-app`. If we did not use `npx` we would have to `npm install` it and then run it from local which is a bit painful.

JAVASCRIPT/TYPESCRIPT PROJECT STRUCTURE

File/Folder/Command	Details
---------------------	---------

<code>package.json</code>	Describes a project's top-level dependencies. These are packages that have been added to a project using <code>npm install</code>
---------------------------	---

<code>package-lock.json</code>	All package dependencies for the project
--------------------------------	--