

The NPM cache:

The NPM cache system provides you with a way to save internet data usage by saving the package data and reuse it when you install the same package again. Since NPM version 5, the NPM cache system has been improved so that it can self-heal and resist data corruption issues.

Example:

npm cache add <package-name>

```
E:\Rowad\demo>npm cache add mongoose
```

The NPM run:

This runs an arbitrary command from a package's "scripts" object. If no "command" is provided, it will list the available scripts.

run[-script] is used by the test, start, restart, and stop commands, but can be called directly, as well. When the scripts in the package are printed out, they're separated into lifecycle (test, start, restart) and directly-run scripts.

Example:

```
E:\Rowad\demo>npm run test

> demo@1.0.0 test
> echo "Error: no test specified" && exit 1

"Error: no test specified"
```

The NPM build:

This is the plumbing command called by npm link and npm install.

It should generally be called during installation, but if you need to run it directly, run:

npm run-script build

The NPM ls:

This command will print to stdout all the versions of packages that are installed, as well as their dependencies, in a tree-structure.

Example:

```
E:\Rowad\demo>npm ls
demo@1.0.0 E:\Rowad\demo
`-- (empty)
```