

npm - 2 Lets try and build something more engaging with npm.

We can use the inquirer library. (there are alternatives as well, like prompt, etc).

// start a new project npm init -y npm install inquirer --save use the prompt to ask a set of questions to the user and depending on what kind of question you can design your app.

the common ones are:

input confirm list password You can also verify, filter and even add functions like when to handle more advanced or complex logic.

Semantic versioning npm js follows version system where it specifies in the following manner:

MAJOR.MINOR.PATCH Docs It also has version range which specify which versions satisfy the range.

Tilde Ranges ~1.2.3 ~1.2 ~1 Allows patch-level changes if a minor version is specified on the comparator. Allows minor-level changes if not.

~1.2.3 := >=1.2.3 <1.(2+1).0 := >=1.2.3 <1.3.0 ~1.2 := >=1.2.0 <1.(2+1).0 := >=1.2.0 <1.3.0 (Same as 1.2.x) ~1 := >=1.0.0 <(1+1).0.0 := >=1.0.0 <2.0.0 (Same as 1.x) Caret Ranges ^1.2.3 ^0.2.5 ^0.0.4 Caret ranges are ideal when an author may make breaking changes between 0.2.4 and 0.3.0 releases, which is a common practice. However, it presumes that there will not be breaking changes between 0.2.4 and 0.2.5. It allows for changes that are presumed to be additive (but non-breaking), according to commonly observed practices.

^1.2.3 := >=1.2.3 <2.0.0 ^0.2.3 := >=0.2.3 <0.3.0 ^0.0.3 := >=0.0.3 <0.0.4 scripts The "scripts" property of your package.json file supports a number of built-in scripts and their preset life cycle events as well as arbitrary scripts. These all can be executed by running npm run-script or npm run for short. Pre and post commands with matching names will be run for those as well (e.g. premyscript, myscript, postmyscript). Scripts from dependencies can be run with npm explore -- npm run .

pre and post script To create "pre" or "post" scripts for any scripts defined in the "scripts" section of the package.json, simply create another script with a matching name and add "pre" or "post" to the beginning of them.

```
{ "scripts": { "prestart": "{{ executes BEFORE the start script }}", "start": "{{ run command to start files }}", "poststart": "{{ executes AFTER start script }}" } }
```