Setting up the Developer Environment

BUILDING WEB APPLICATIONS USING ANGULAR

QA

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- QuickStart Seed

- Angular CLI

- webpack

QuickStart Seed

- Does what it says on the tin

- Serve your application while developing

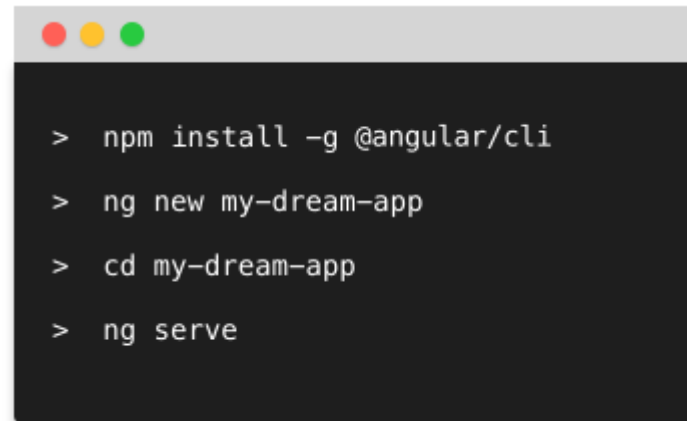- Generate new components, routes, services and pipes (and creates test shells!)

```
git clone https://github.com/angular/quickstart.git quickstart
cd quickstart
npm install
npm start
```

Delete non-essential files (windows)

```
for /f %i in (non-essential-files.txt) do del %i /F /S /Q
rd .git /s /q
rd e2e /s /q
```
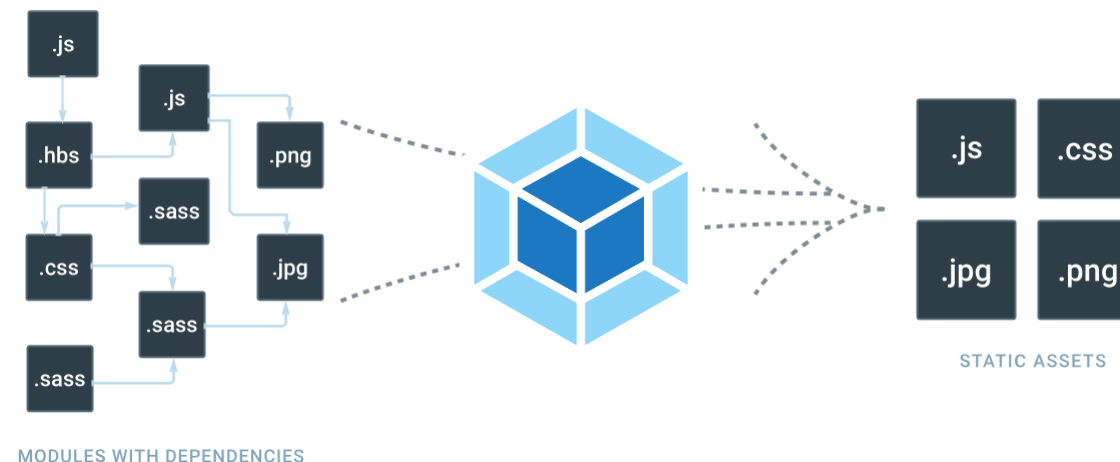
Angular CLI

- Create angular applications in one command
- Serve your application while developing
- Generate new components, routes, services and pipes (and creates test shells!)

```
> npm install -g @angular/cli
> ng new my-dream-app
> cd my-dream-app
> ng serve
```

webpack

- webpack is a module bundler for modern JavaScript applications

- Entry points define where webpack starts. From here it builds a graph of your applications dependencies

- Output tells webpack where to emit the bundled code

- Loaders teach webpack how to handle assets that aren't JavaScript

- Plugins are used to perform actions and add custom functionality for our bundled code

MODULES WITH DEPENDENCIES

STATIC ASSETS

Exercise

SETTING UP THE DEVELOPER ENVIRONMENT