

@angular/cli - advanced

3. Compiling your app - JIT/AOT

Angular Compiler

- For the browser to run our angular code, we need to compile it
- Angular ships with 2 methods of compiling the code
 - JIT
 - AOT

JIT - Just in Time

- The browser will download the angular compiler
- The browser will compile our angular code during run time
- JIT is faster so in previous versions we used this compilation when doing **ng serve** for easier development (before angular 9)
- JIT is no longer the default compilation when running **ng serve** (after angular 9)

AOT - Ahead of Time

- AOT compiles the code during build time, bakes the template code in the js code, does not need to ship the app with the compiler, and better checks our template for errors
- JIT was used in development and AOT was used for production only because it's slower
- Ivy compile speed is faster so AOT is now used for dev as well
- We get no surprised during production build and better template error checking during development

Thank You

Next Lesson: 4. ng serve