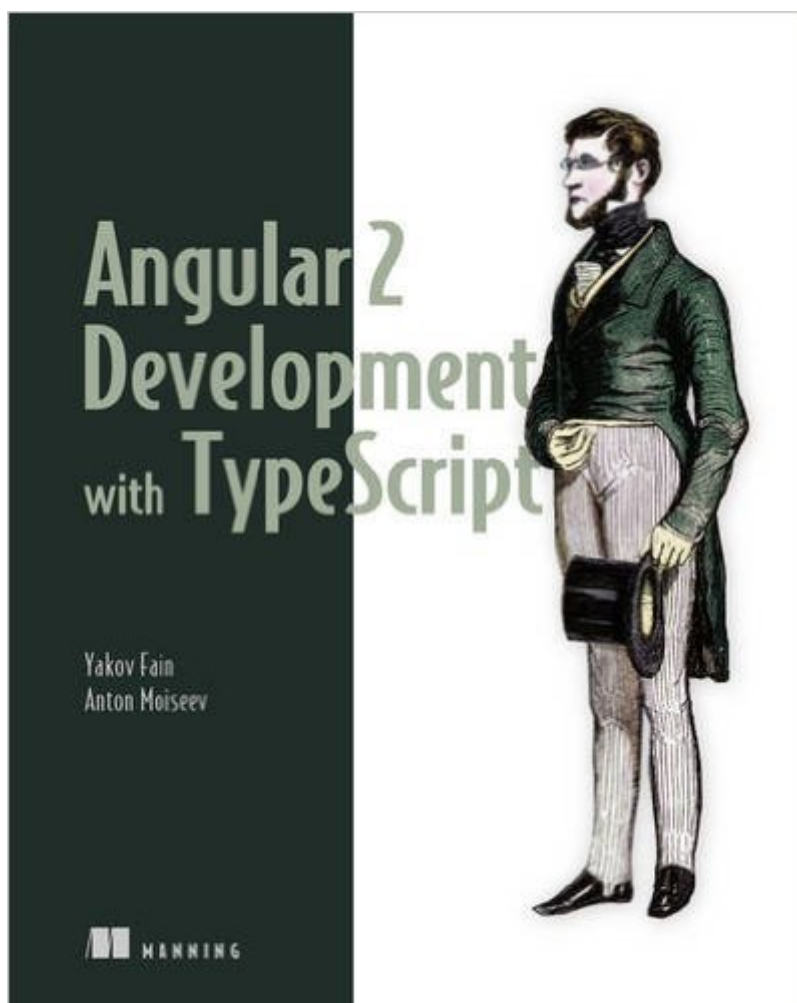# Angular 2 Development With TypeScript

Synopsis

Angular 2 is a JavaScript-based development platform for building dynamic, interactive web applications, SPAs, and mobile apps. Angular applications can be built with JavaScript or TypeScript. TypeScript offers great IDE support and the TypeScript compiler helps coders quickly find and fix errors. TypeScript feels familiar, much like using ES6 with the same standard and third-party libraries, idioms, and tools. TypeScript supports classes, modules, annotations, and lazy loading and minimizes the amount of code for supporting the framework's life cycle, letting developers focus on writing the application code. Angular 2 Development with Typescript teaches the reader Angular 2, while it also teaches TypeScript and how to take advantage of its benefits. This hands-on book begins with an overview of Angular 2 architecture and an introduction to the online auction application that will be developed throughout the book. It teaches TypeScript and how to write classes, interfaces, and generics, as well as how to transpile TypeScript code into today's JavaScript that can be deployed in all Web browsers. More topics include data and views, user interaction with forms, and communicating with servers. Finally, the book shows how to test and deploy Angular 2 applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

Book Information

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