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Learning Angular

This file serves as your book's preface, a great place to describe your book's content and ideas.

Summary

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Angular Component

Embed a Component in Another Component's Template

Create

```
// sample.component.ts

import { Component } from '@angular/core';

@Component({
  selector: 'sample',
  template: '<h1>My Sample</h1>'
})
export class SampleComponent {

}
```

Import

```
// app.module.ts

import { NgModule } from '@angular/core';
import { AppComponent } from './app.component';
import { SampleComponent } from './sample.component';

@NgModule({
  imports: [
    BrowserModule,
    FormsModule
  ],
  declarations: [
    AppComponent,
    SampleComponent
  ],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

Use

Technology List

Overview

When working with Angular 2, you may encounter a whole deal of packages used for different purposes.

This document is a non-exhaustive list of these components and serves as a guidance about what you need to study to become proficient in Angular 2 development.

Core JS

Node.js and npm Essential for Angular2 development, for package management and for running most of the tools.

Angular CLI

SystemJS

Webpack

TypeScript A new language which is a JavaScript superset created by Microsoft and is transpiled to JavaScript on-the-fly as you load the page (see SystemJS and Webpack for ways to do that) or compiled to JavaScript ahead-of-time (AOT) when packaging the application for deployment.

Typings Typings is the simple way to manage and install TypeScript definitions. It uses typings.json, which can resolve to the Typings Registry, GitHub, NPM, Bower, HTTP and local files. Packages can use type definitions from various sources and different versions, knowing they will never conflict for users.

```
https://github.com/typings/typings
```

Technology	Description
Angular	
Core JS	Necessary for browsers that haven't implemented any or some of the ES6 features required by Angular

