

Angular 2: Getting Started

INTRODUCTION



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Angular Is ...



A JavaScript framework

For building client-side applications

Using HTML, CSS and JavaScript



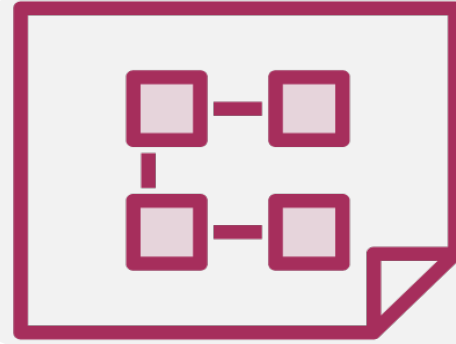
Why Angular?



**Expressive
HTML**



**Powerful
Data
Binding**



**Modular
By Design**



**Built-in
Back-End
Integration**



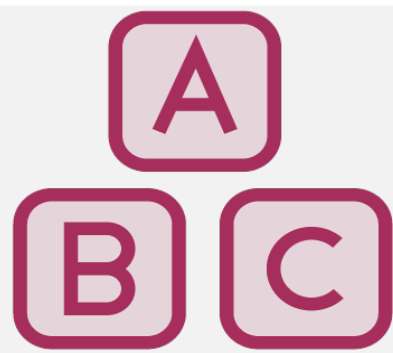
Why Angular 2?



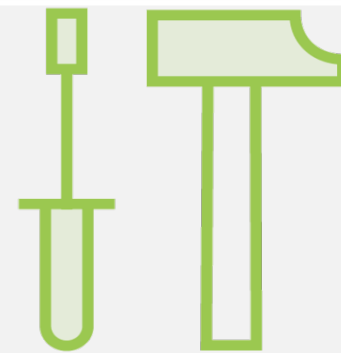
**Built for
Speed**



Modern



**Simplified
API**



**Enhances
Productivity**



Module Overview



Anatomy of an Angular 2 Application

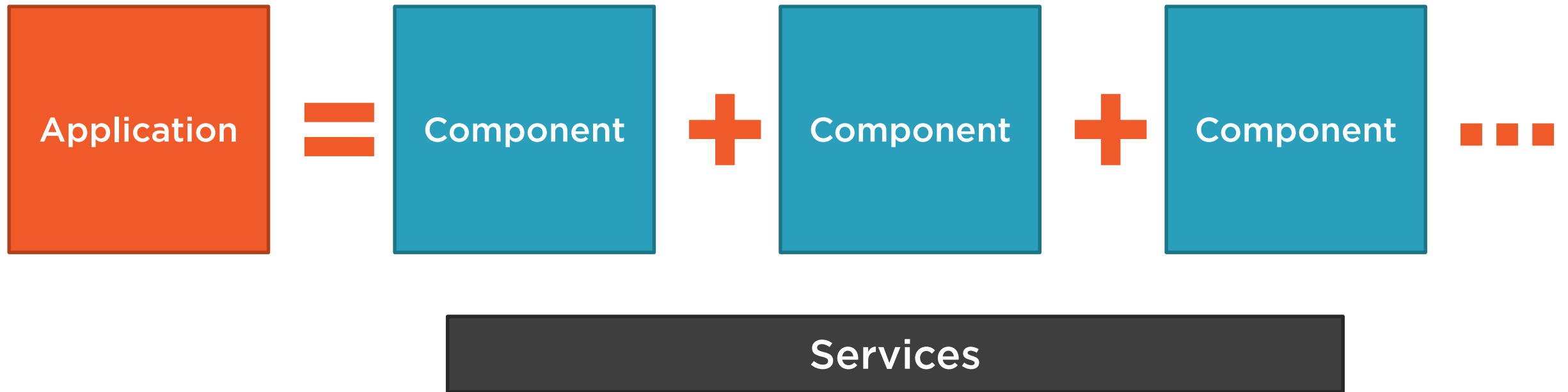
Getting the Most from This Course

Sample Application

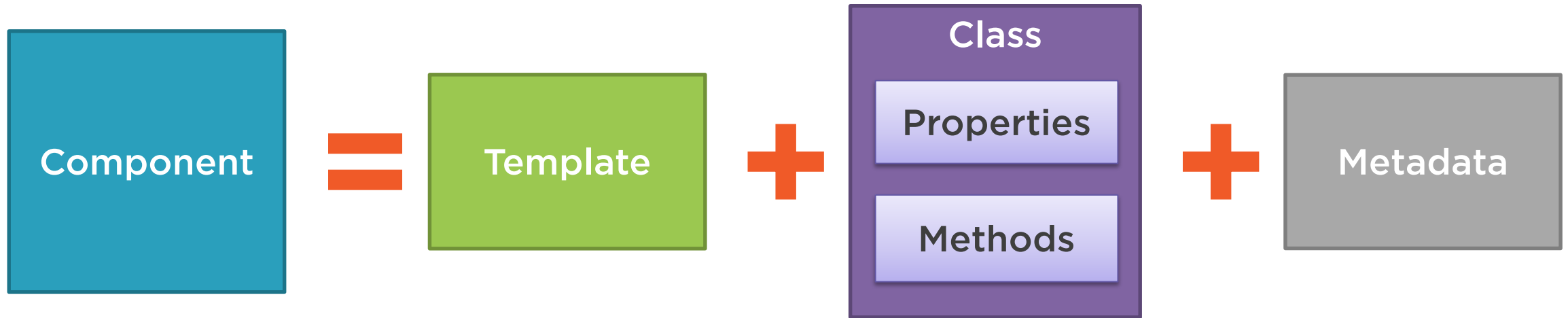
Course Outline



Anatomy of an Angular 2 Application



Component



Prerequisites

Required

- JavaScript
- HTML
- CSS

Helpful

- Object-oriented programming (OOP) concepts
- C++, C#, Java, ...

Not Required

- Prior knowledge of Angular
- Prior knowledge of TypeScript



Thoughts? Comments? Questions?

Table of contents

Description

Exercise files

Discussion

Learning Check

Recommended

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Checklist



Review module concepts

Code along assistance

Revisit as you build



GitHub Repository

The screenshot shows the GitHub interface for the repository 'DeborahK / Angular2-GettingStarted'. At the top, there's a search bar and navigation links for 'Pull requests', 'Issues', and 'Gist'. The repository name is displayed with options to 'Unwatch', 'Star' (2), and 'Fork' (1). Below this, a tab bar shows 'Code' as the active tab, with links for 'Issues' (0), 'Pull requests' (0), 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The main content area is titled 'Sample Angular 2 application — Edit'. It features a progress bar with statistics: 42 commits, 1 branch, 0 releases, and 1 contributor. Below the progress bar, there are buttons for 'New pull request', 'New file', 'Upload files', 'Find file', and a 'Download ZIP' button. A commit history table follows, showing the latest commit by DeborahK: 'Renamed the APM folder for clarity' (commit a7b86a5, 15 hours ago). The table lists three files: '.vscode' (Updated the settings, 20 days ago), 'APM - Final' (Renamed the APM folder for clarity, 15 hours ago), and 'APM - Start' (Adjustments to the starter files, 18 hours ago).

DeborahK / Angular2-GettingStarted

Unwatch 2 Star 2 Fork 1

Code Issues 0 Pull requests 0 Wiki Pulse Graphs Settings

Sample Angular 2 application — Edit

42 commits 1 branch 0 releases 1 contributor

Branch: master New pull request New file Upload files Find file HTTPS https://github.com/Debora Download ZIP

DeborahK Renamed the APM folder for clarity Latest commit a7b86a5 15 hours ago

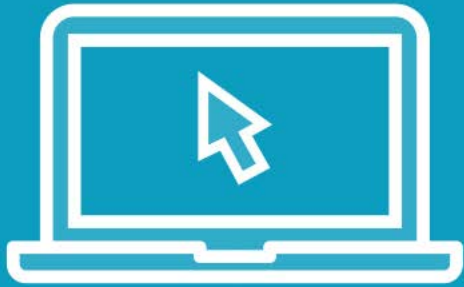
.vscode	Updated the settings.	20 days ago
APM - Final	Renamed the APM folder for clarity	15 hours ago
APM - Start	Adjustments to the starter files.	18 hours ago

<https://github.com/DeborahK/Angular2-GettingStarted>

Angular2-Getting Started



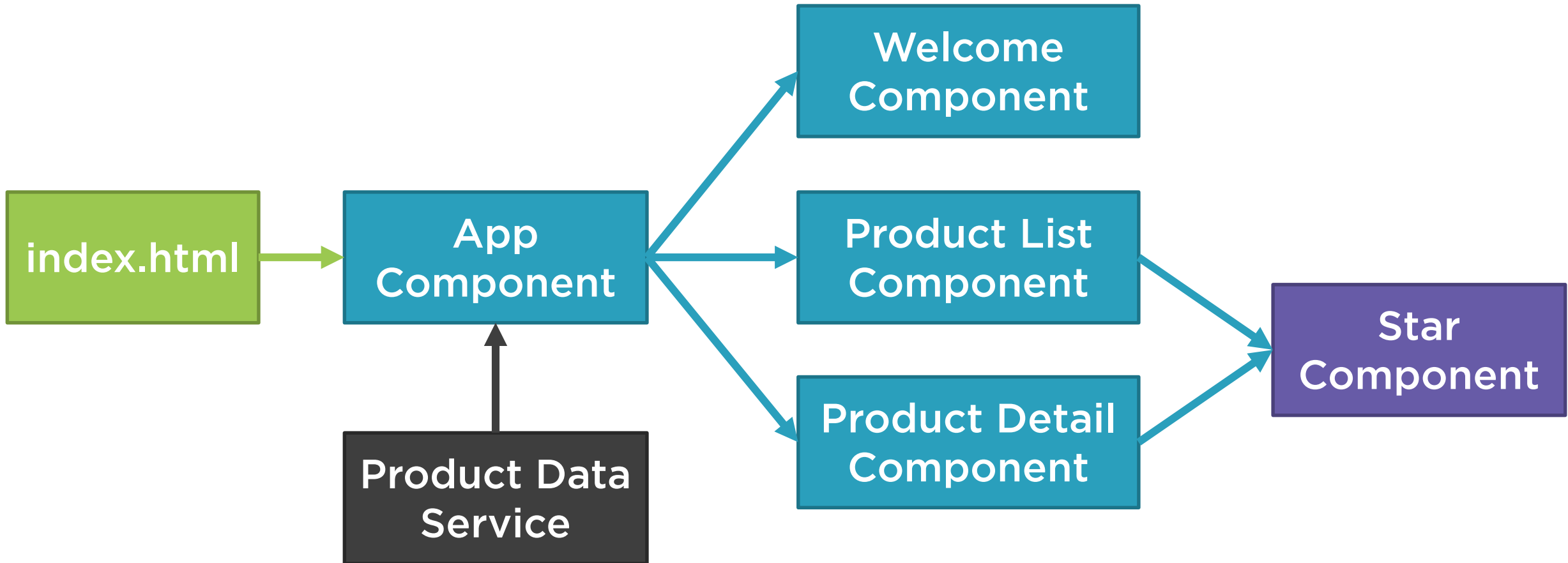
Demo



Sample Application in Action



Sample Application Architecture



Course Outline



First Things First

Introduction to Components

Templates, Interpolation, and Directives

Data Binding & Pipes

More on Components

Building Nested Components

Services and Dependency Injection

Retrieving Data Using Http

Navigation and Routing

