



Angular Is ...



A JavaScript framework

For building client-side applications

Using HTML, CSS and JavaScript



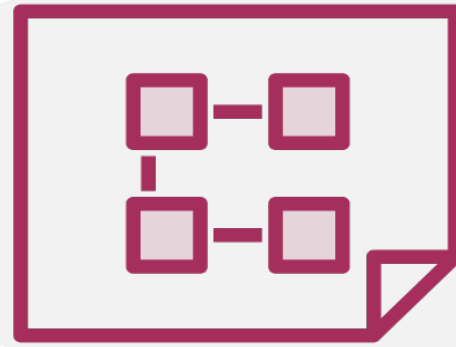
Why Angular?



**Expressive
HTML**



**Powerful
Data
Binding**



**Modular
By Design**



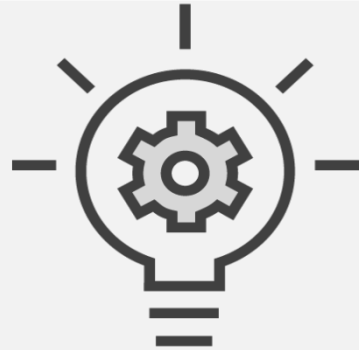
**Built-in
Back-End
Integration**



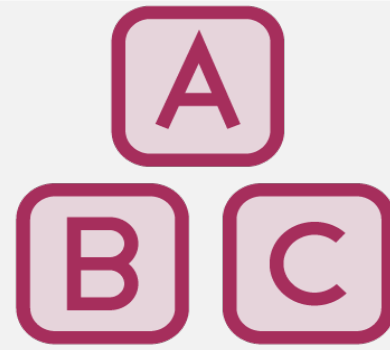
Why Angular 2?



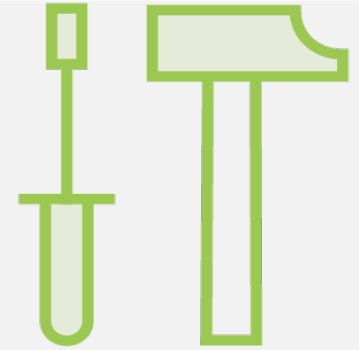
**Built for
Speed**



Modern



**Simplified
API**



**Enhances
Productivity**



Module Overview



Anatomy of an Angular 2 Application

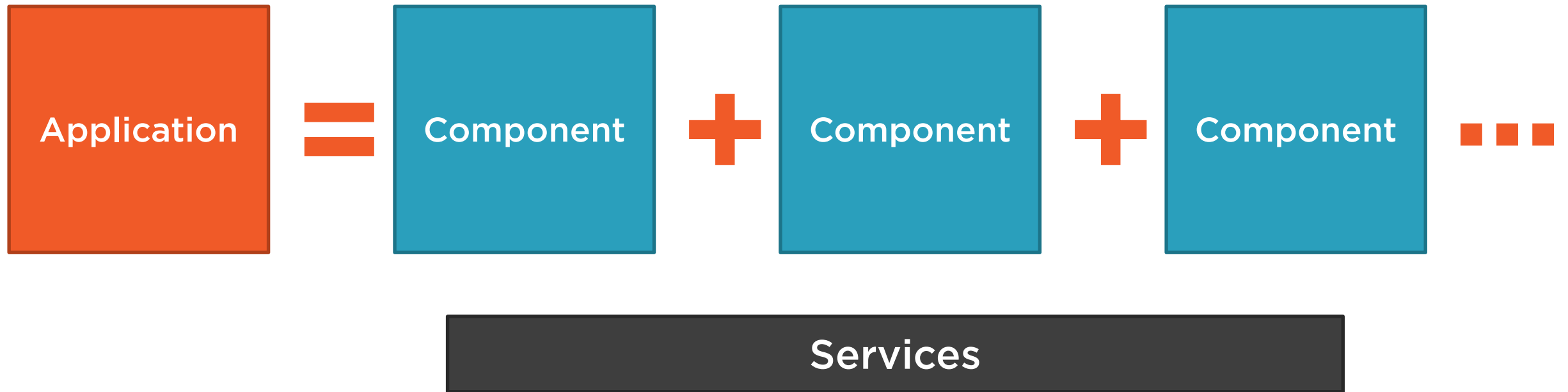
Getting the Most from This Course

Sample Application

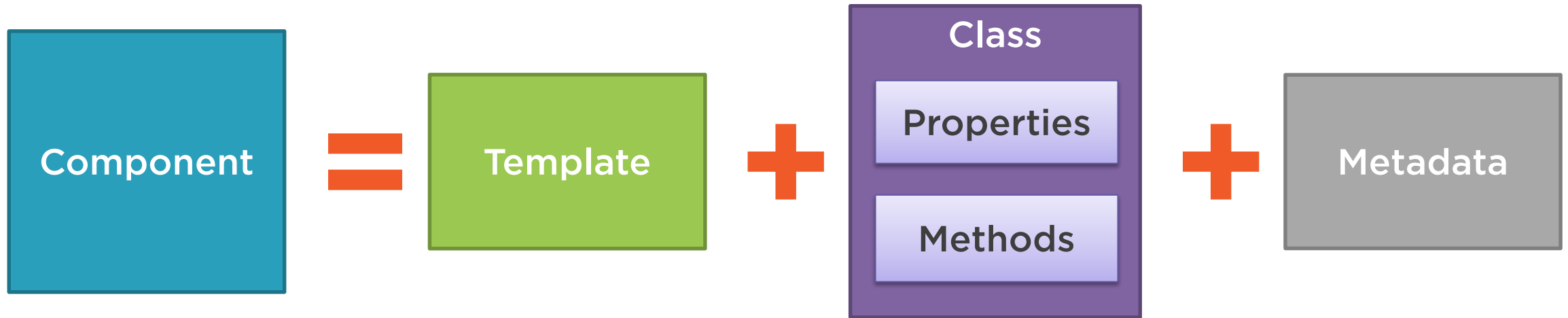
Course Outline



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?

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Description

Exercise files

Discussion

Learning Check

Recommended

@deborahkurata



Checklist



Review module concepts

Code along assistance

Revisit as you build



GitHub Repository

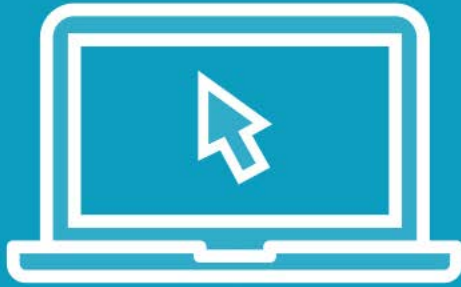
The screenshot shows the GitHub interface for the repository **DeborahK / Angular2-GettingStarted**. At the top, there's a search bar and navigation links for Pull requests, Issues, and Gist. The repository name is followed by interaction buttons: Unwatch (2), Star (2), and Fork (1). Below this is a tab bar with Code (selected), Issues (0), Pull requests (0), Wiki, Pulse, Graphs, and Settings. The main content area shows the repository description "Sample Angular 2 application — Edit" and statistics: 42 commits, 1 branch, 0 releases, and 1 contributor. A progress bar is visible below these stats. Below the progress bar are buttons for Branch: master, New pull request, New file, Upload files, Find file, HTTPS, and a download link. The commit history shows the latest commit by DeborahK: "Renamed the APM folder for clarity" (a7b86a5, 15 hours ago). Below the commit list are three folders: .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).

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

🔗 **Angular2-Getting Started**



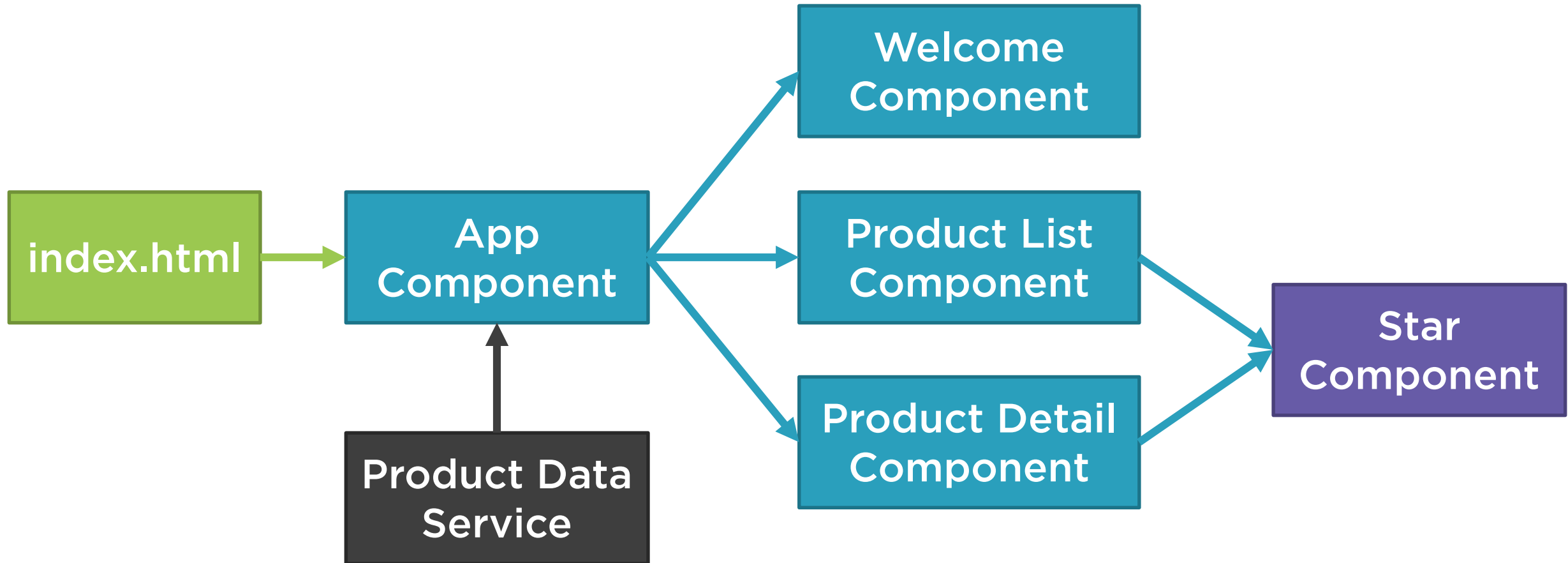
Demo



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

