

Angular

Introduction



Section Overview

- Who am I?
- What is Angular?
- Angular app architecture
- Getting most from this course

Who am I?

Benjamin Longearet

- An enthusiastic developer
- CTO & Co-founder @EliumTV (2016)
- Frontend director @Teads (2011)
- Webdev since 1998



@blongearet



firehist



What is Angular?



What is Angular?

Angular is

- An open source JavaScript platform which simplifies binding code between JavaScript objects and HTML UI Element
- Actual version is **2.4.9**
- Using HTML, CSS & JavaScript (TypeScript)

Why Angular?

Powerful
Data
Binding



Modular
by design



Enhance
HTML



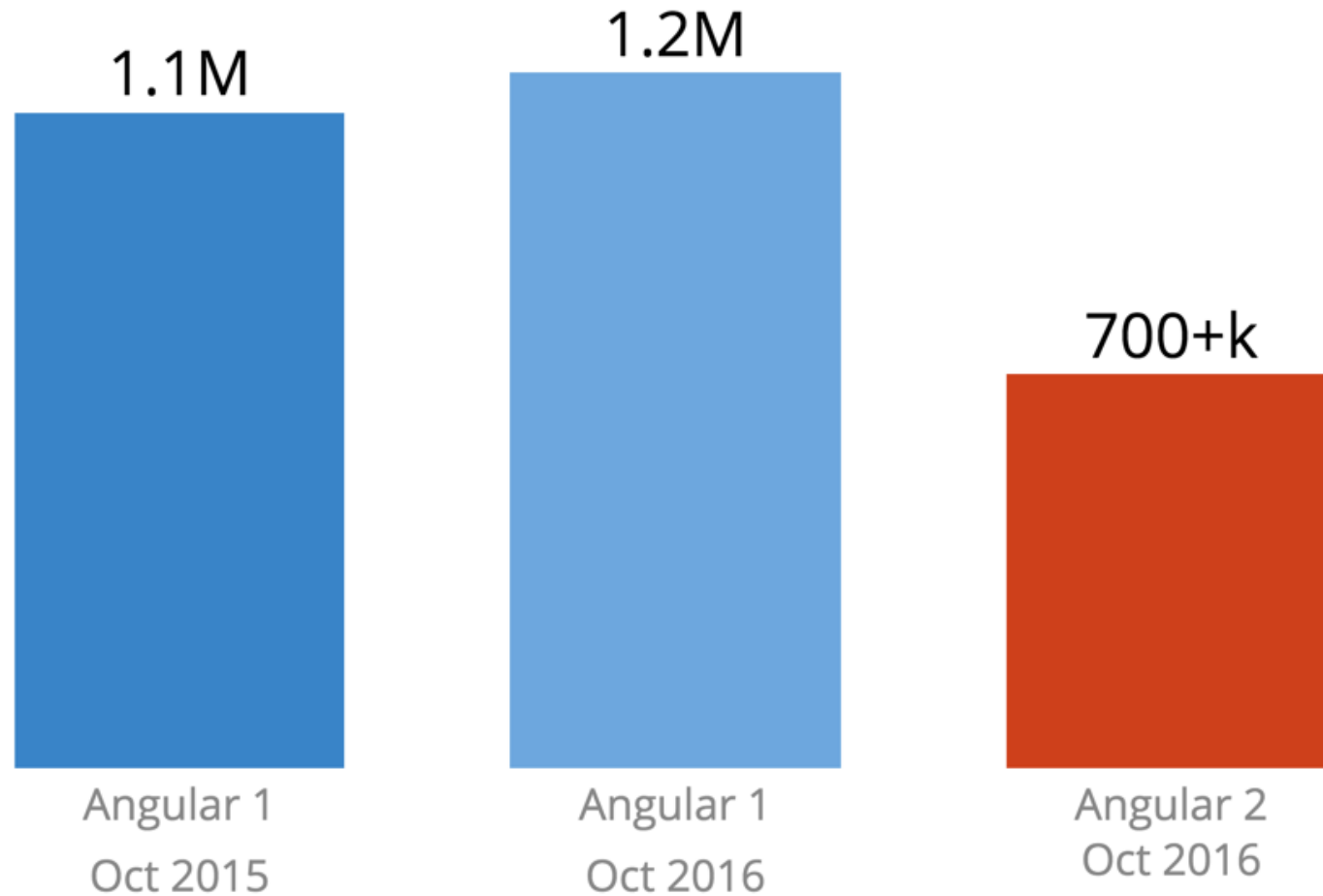
Opiniated
architecture



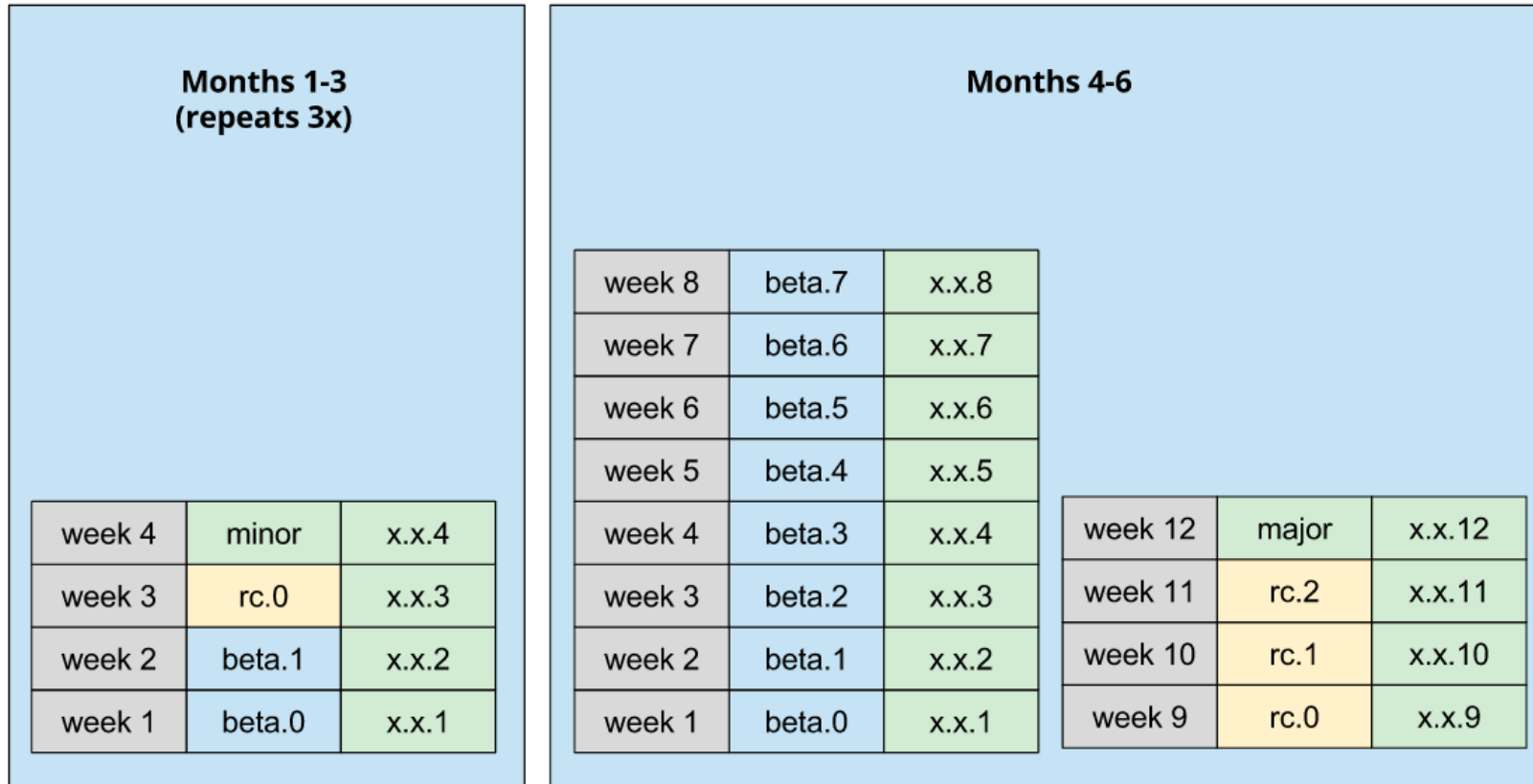
Why Angular?



Why Angular?



Why Angular?



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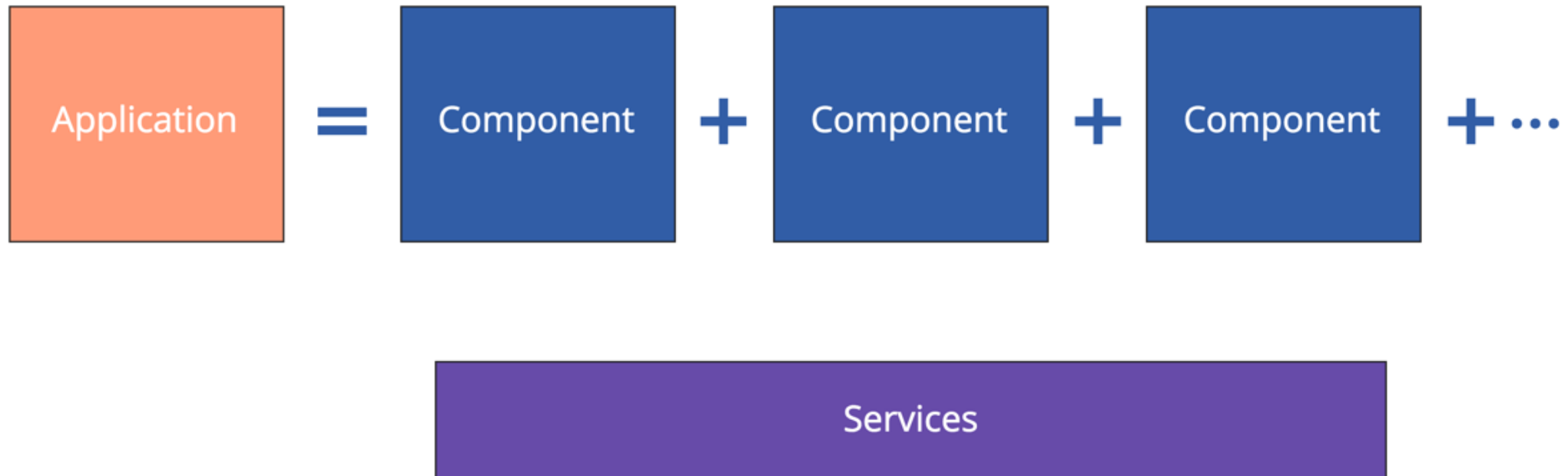
Why Angular?

- Integrated into Google master repo
- Separation of concerns
- Dependency Injection
- Lots of built-in and open source directives
- Robust routing support
- Mobile & Web
- Build with testability in mind
- Reactive programming

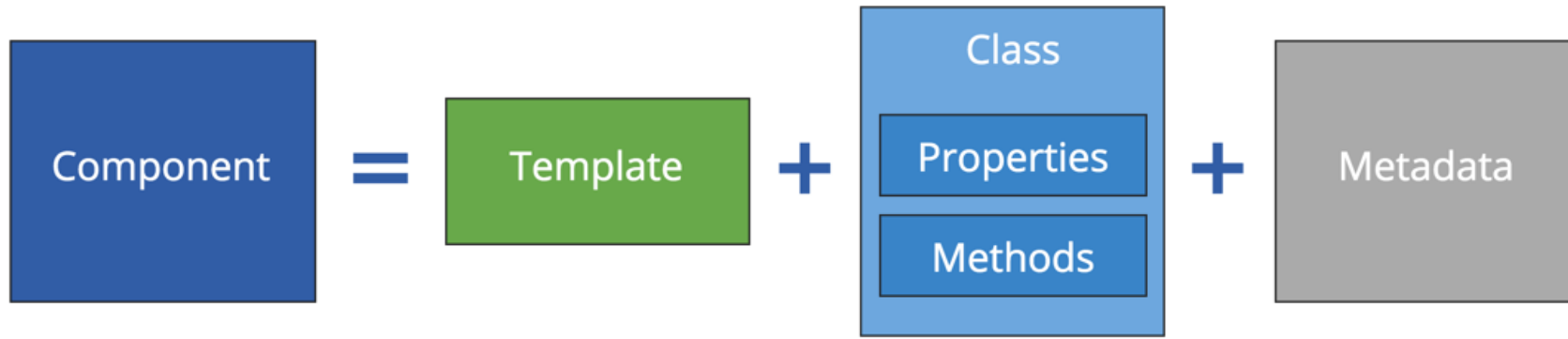
Module Overview

- Architecture of an Angular Application
- Getting the most from this course
- Sample Application
- Course Outline

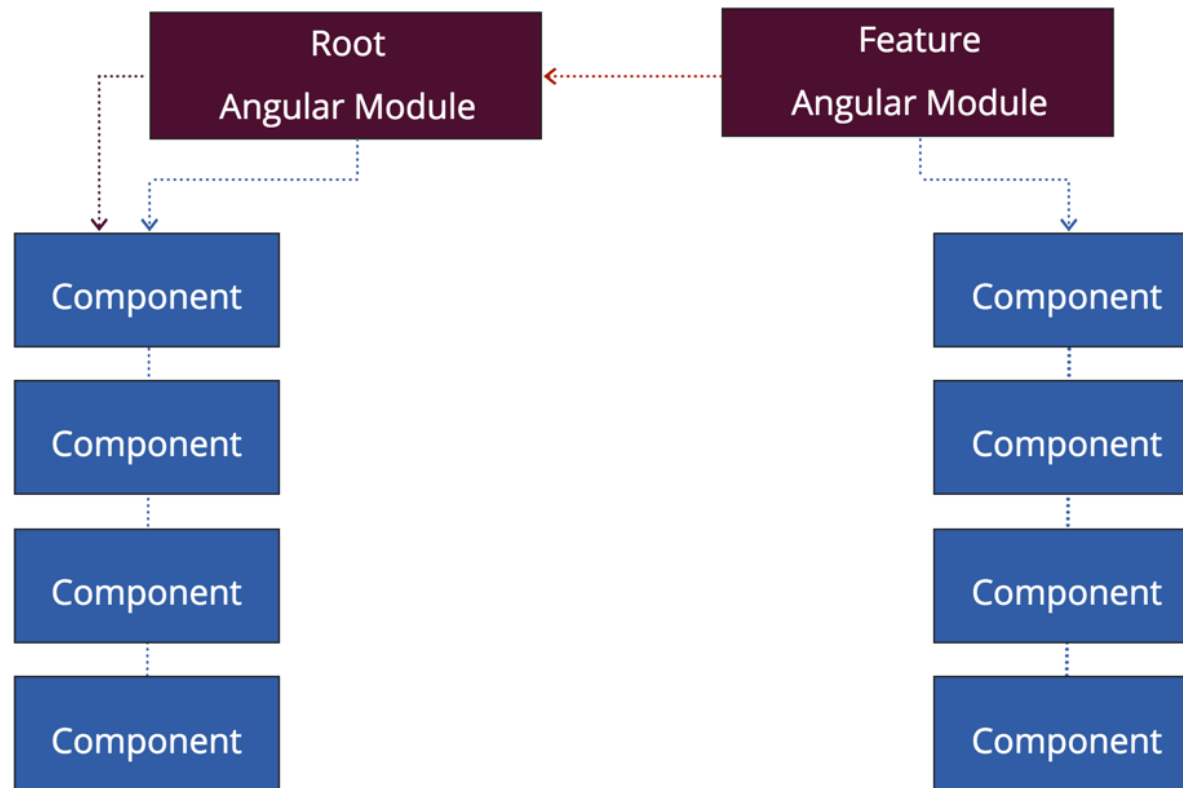
Architecture of an Angular Application



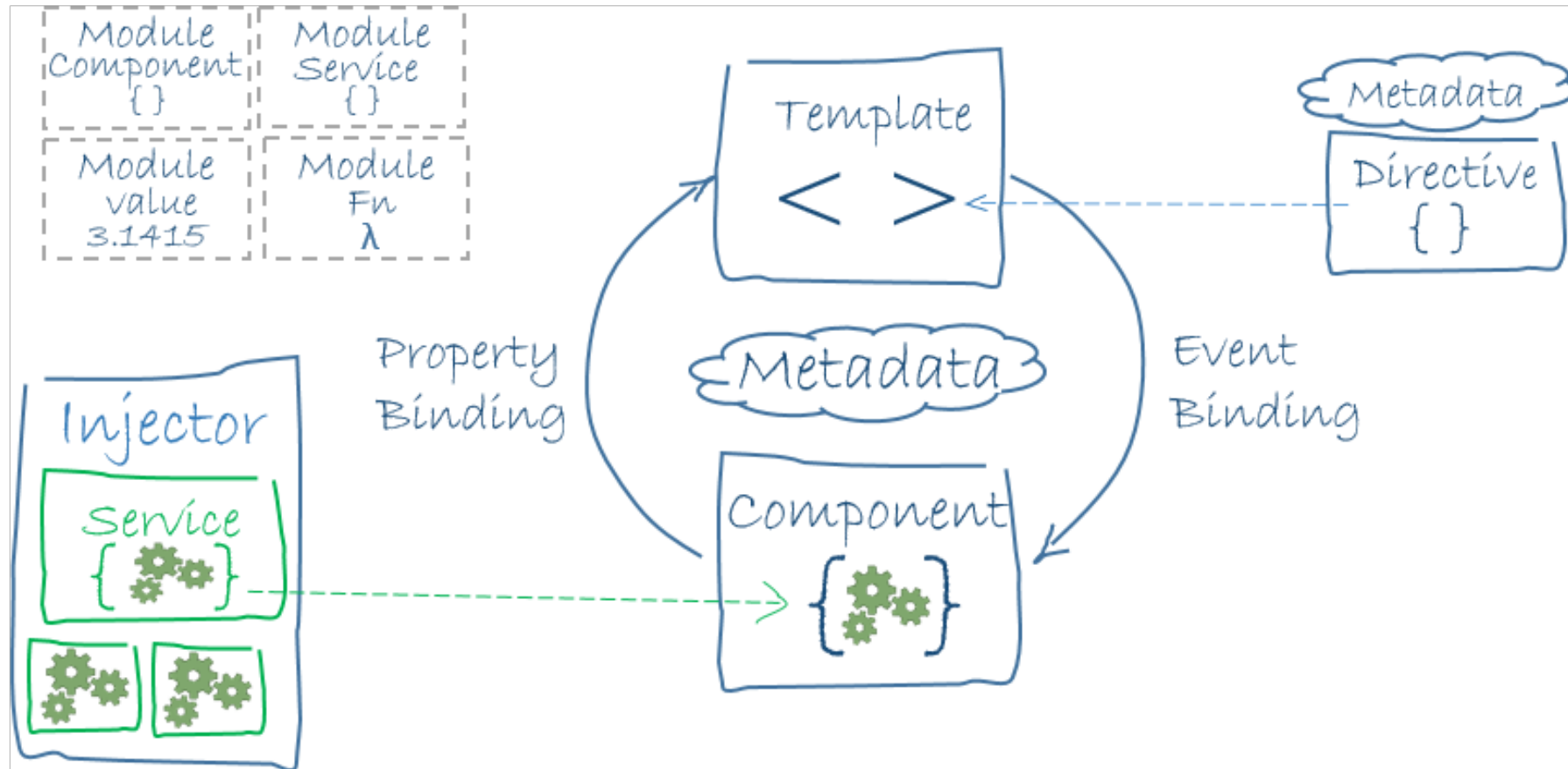
Architecture of an Angular Application



Architecture of an Angular Application



Architecture of an Angular Application



Getting the most from this course

Required

- Javascript
- HTML
- CSS

Helpful

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

Not Required

- Prior knowledge of Angular
- Prior knowledge of TypeScript

Getting the most from this course

GitHub, Inc. [US] | <https://github.com/firehist/angular2-courses>

firehist / angular2-courses

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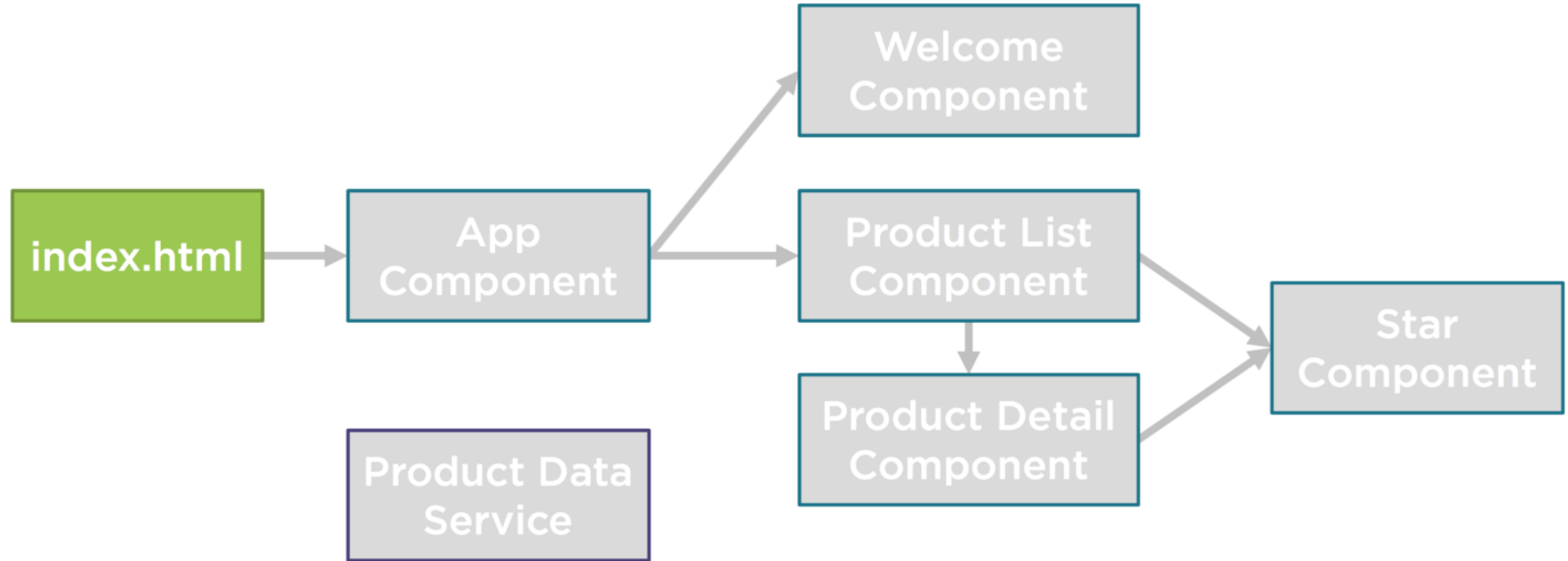
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app	First commit	an hour ago
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Demo time



Application Architecture



Course overview

- Start at the beginning
- TypeScript
- Introduction to Components
- Templates, Interpolation and Directives
- Data Binding and Pipes
- More on components
- Building Nested components
- Services and dependency injection
- Angular Forms
- Angular Animations
- Angular Modules
- Angular 2 Setup revisited
- Reactive programming
- Retrieving data using HTTP
- Unit testing with Jasmine and Karma
- @ngrx/store