Benjamin Longearet

Angular

Introduction

Section Overview

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

Who am I?

Benjamin Longearet

- An enthousiastic 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?

Why Angular?

Innovation

Learning curve

Speed and Performances

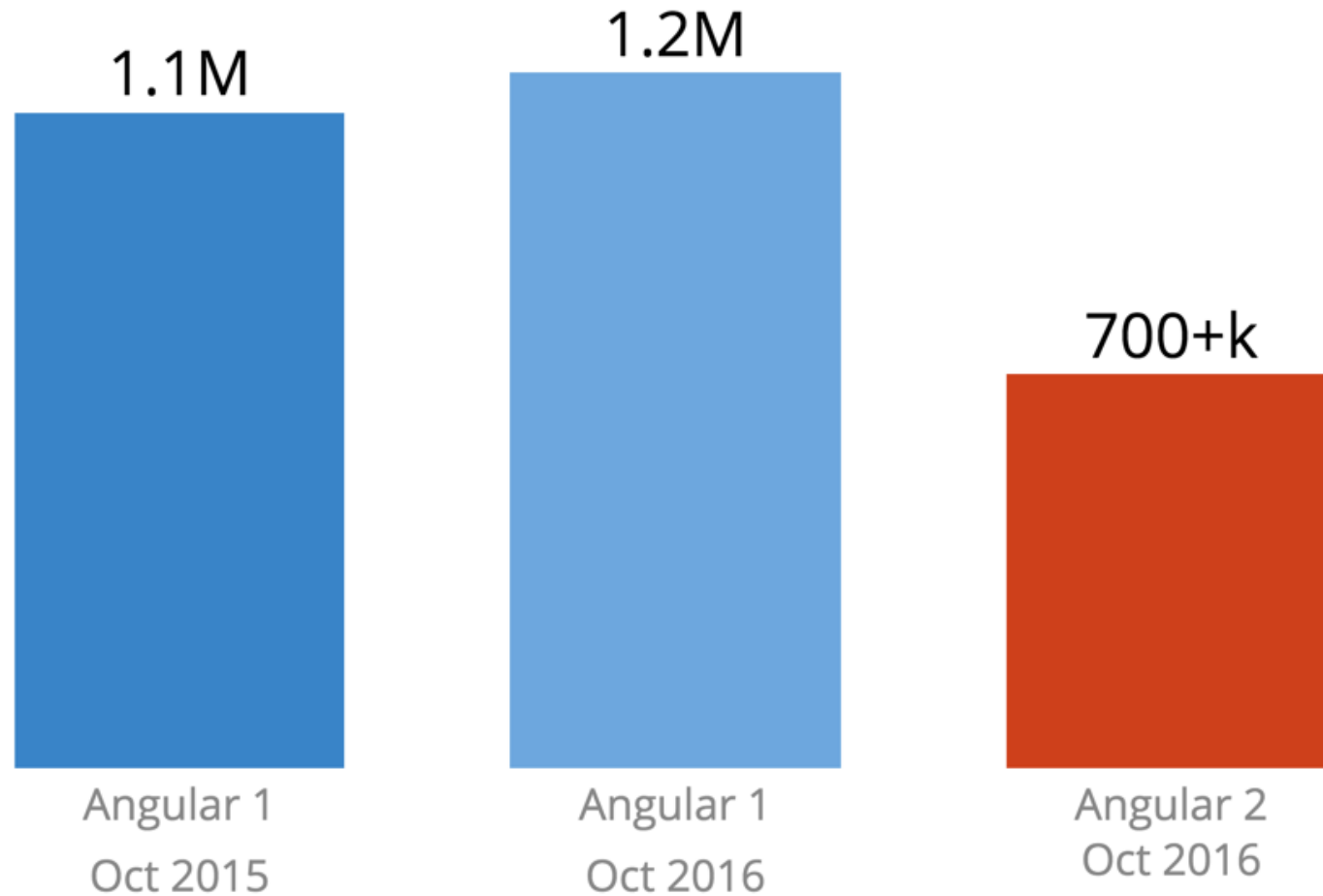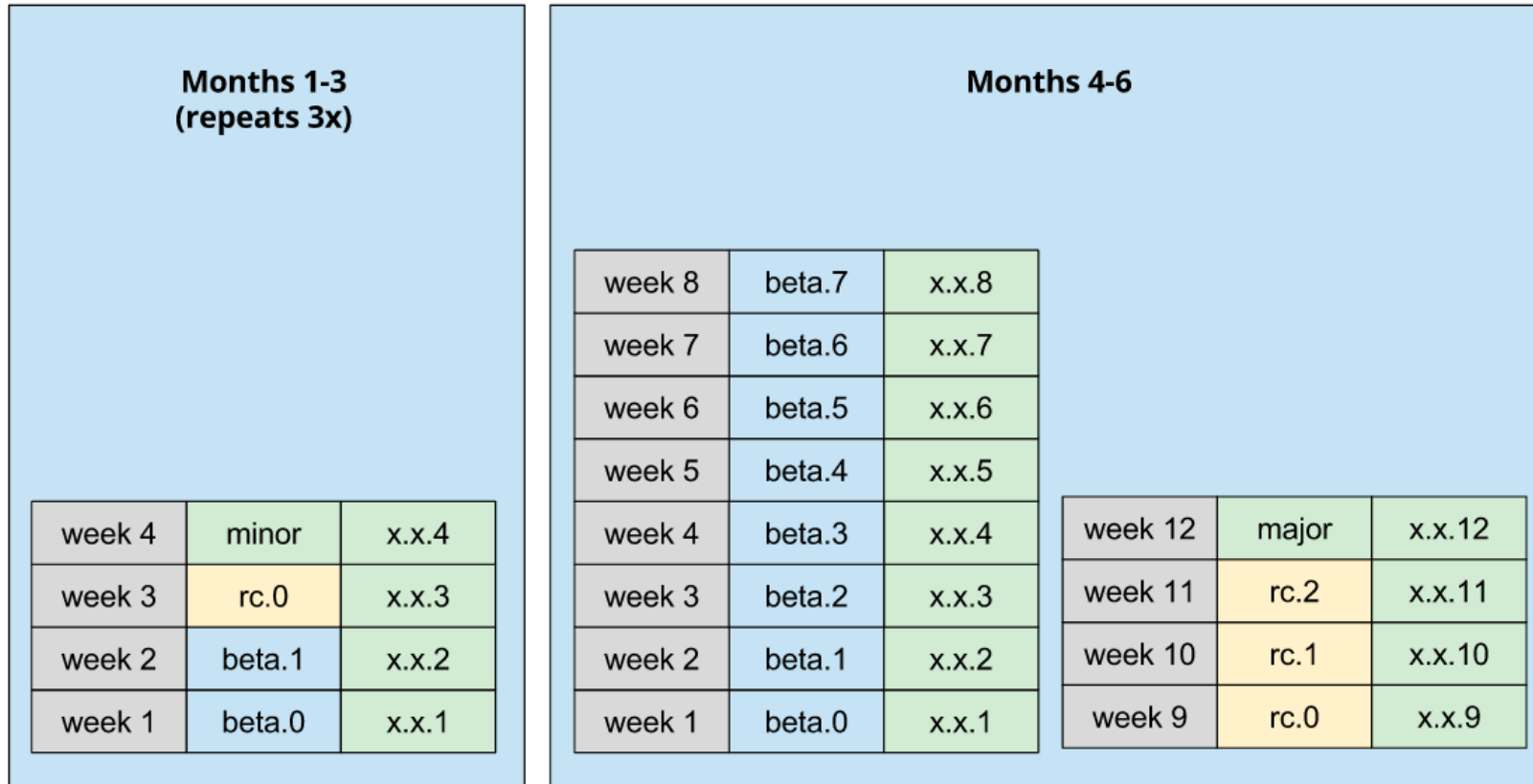Toolings

Why Angular?

Why Angular?

The diagram above doesn't contain info about skipped releases due to events/holidays,
or unscheduled releases due to unintended breaking changes or important events.

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
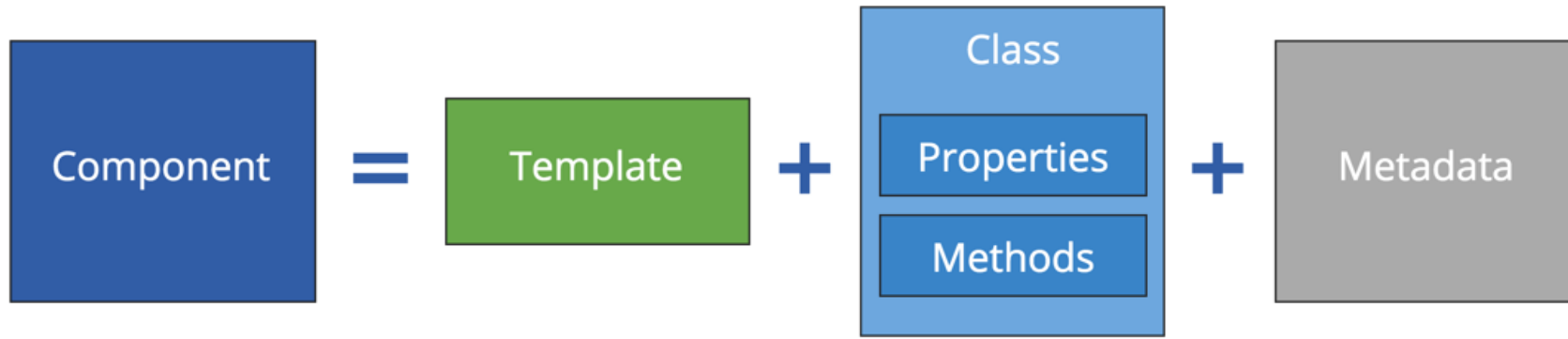- Build with testability in mind
- Reactive programming

Module Overview

- Architecture of an Angular Application

- Getting the most from this course

- Sample Application
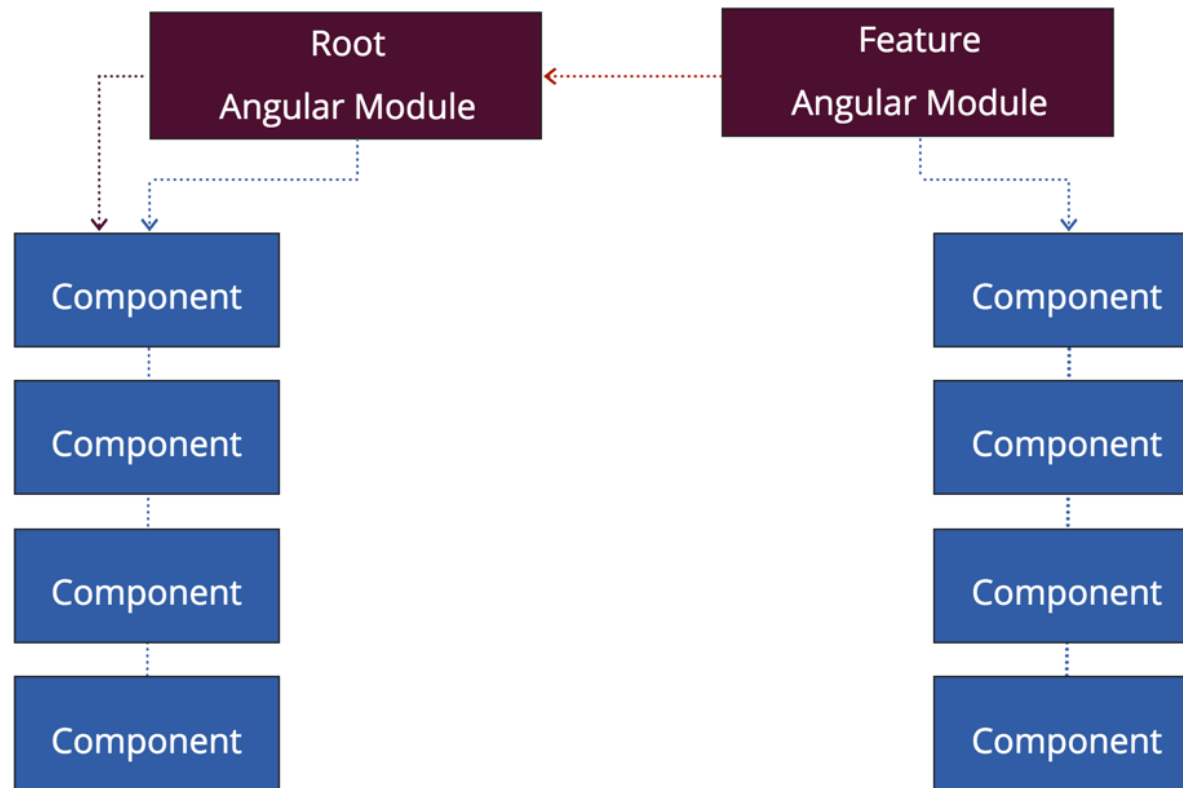
- Course Outline

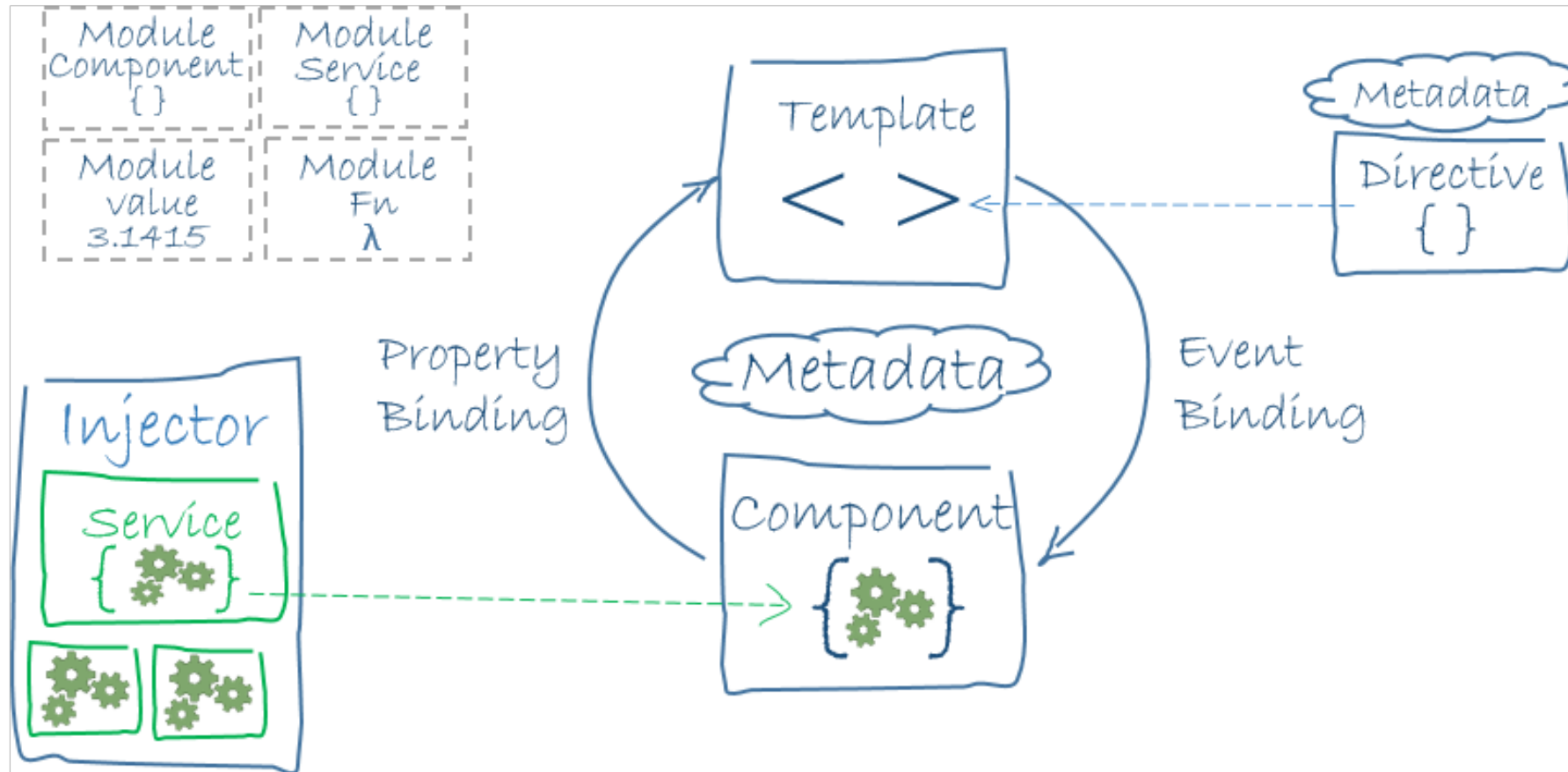# Architecture of an Angular Application
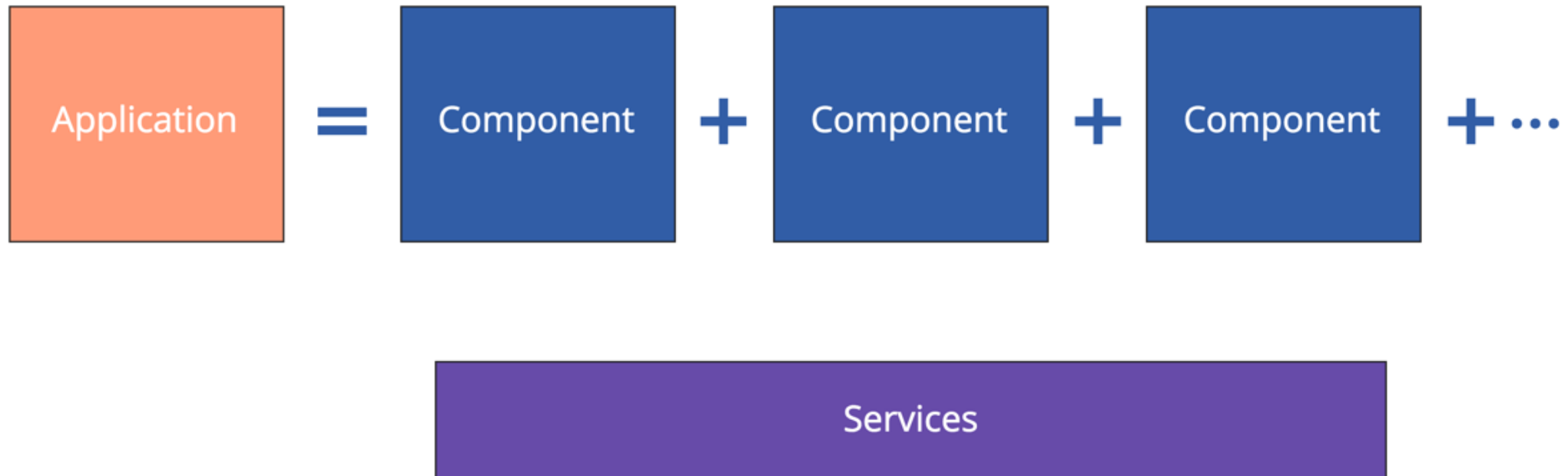
Architecture of an Angular Application

Architecture of an Angular Application

Architecture of an Angular Application

Getting the most from this course

Required	Helpful	Not Required
- Javascript - HTML - CSS	- Object-oriented programming (OOP) concepts - C++, C#, Java, PHP	- Prior knowledge of Angular - Prior knowledge of TypeScript

Getting the most from this course

Demo time

Application Architecture
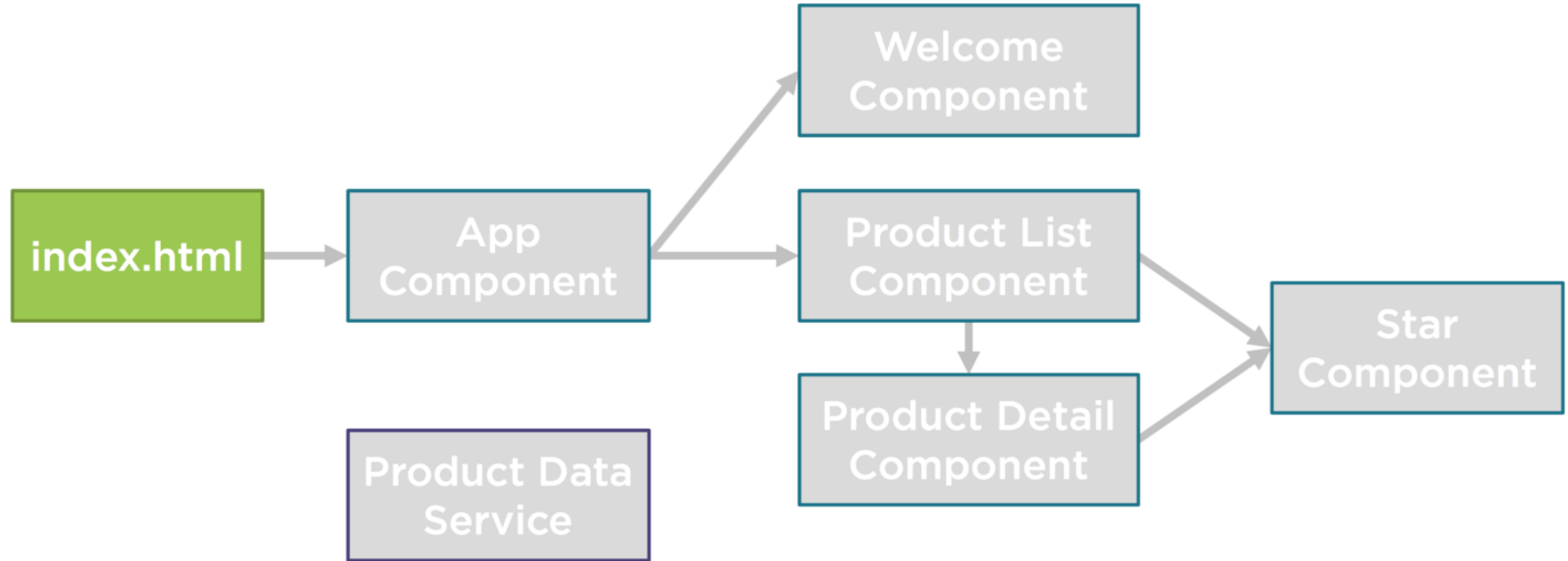
Course overview

- 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 Jarma

- @ngrx/store