



May Meet-up

High Country Angular

Agenda

- Introduction
- Developer Machine Set-up
- Let's Build An Angular App



Who We Are

- High Country Angular is a group of tech enthusiasts, web designers, software developers and engineers, gathering together on a regular basis to share knowledge, ideas, and lessons learned in working with the Angular framework.
- We are working hard to create a ***culture of honor*** where questions big and small from beginners to experts are treated with the same respect.



Social Media



@ngHighCountry

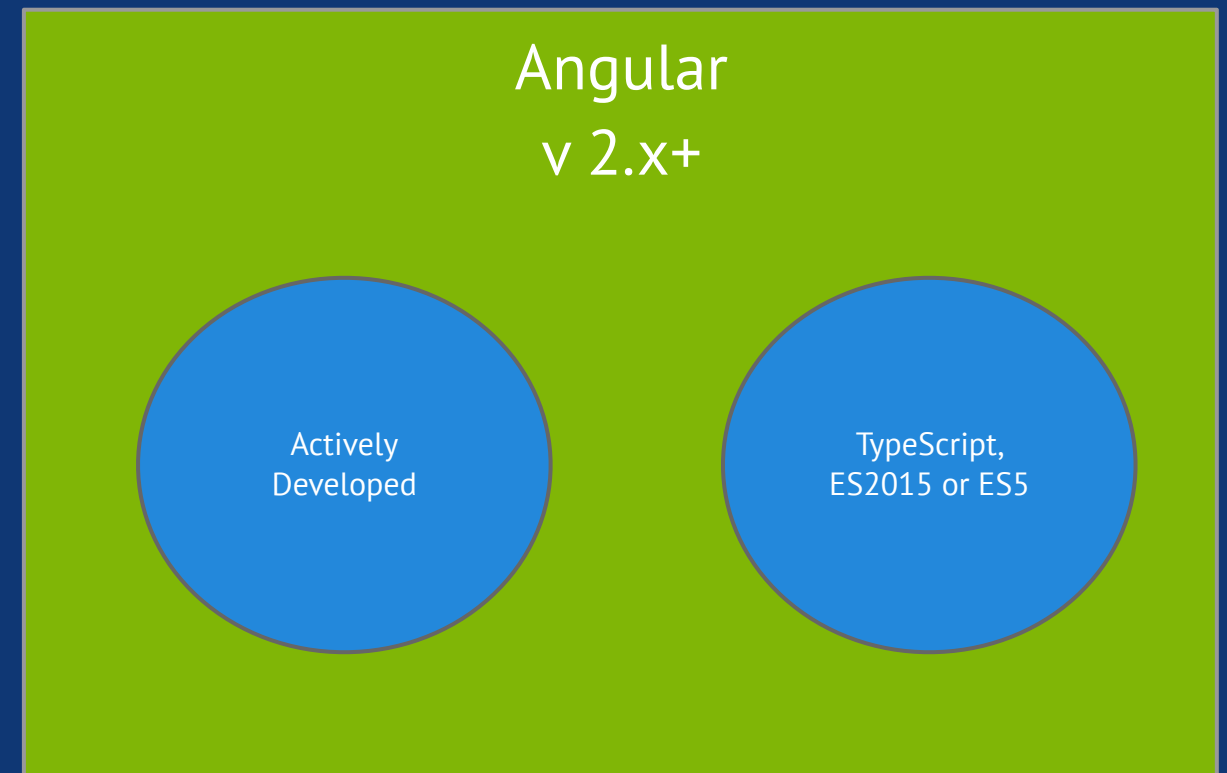
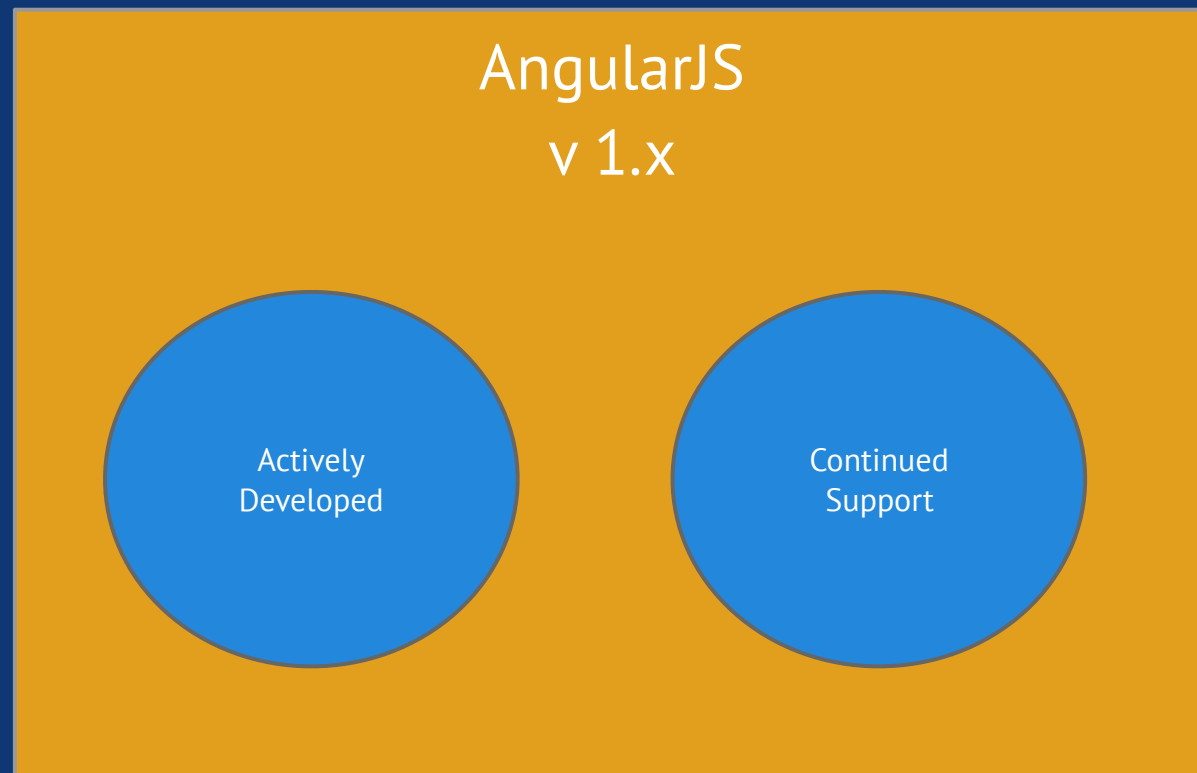


Angular Basics

- We're going to build a Chuck Norris Joke Board
- By the end you'll be able to...
 - Use Stackblitz to create/develop a basic Angular App
 - Understand building blocks of a basic Angular App
 - Request data from external services using HttpClient



Angular Versions



AngularJS is planning one more significant release, version 1.7, and on July 1, 2018 it will enter a 3 year Long Term Support period. - Angular Team, Jan 2018



Angular Overview

Modules

Components

Decorators

Languages
(TypeScript,
ES2015+, ES5)

Dependency
Injection

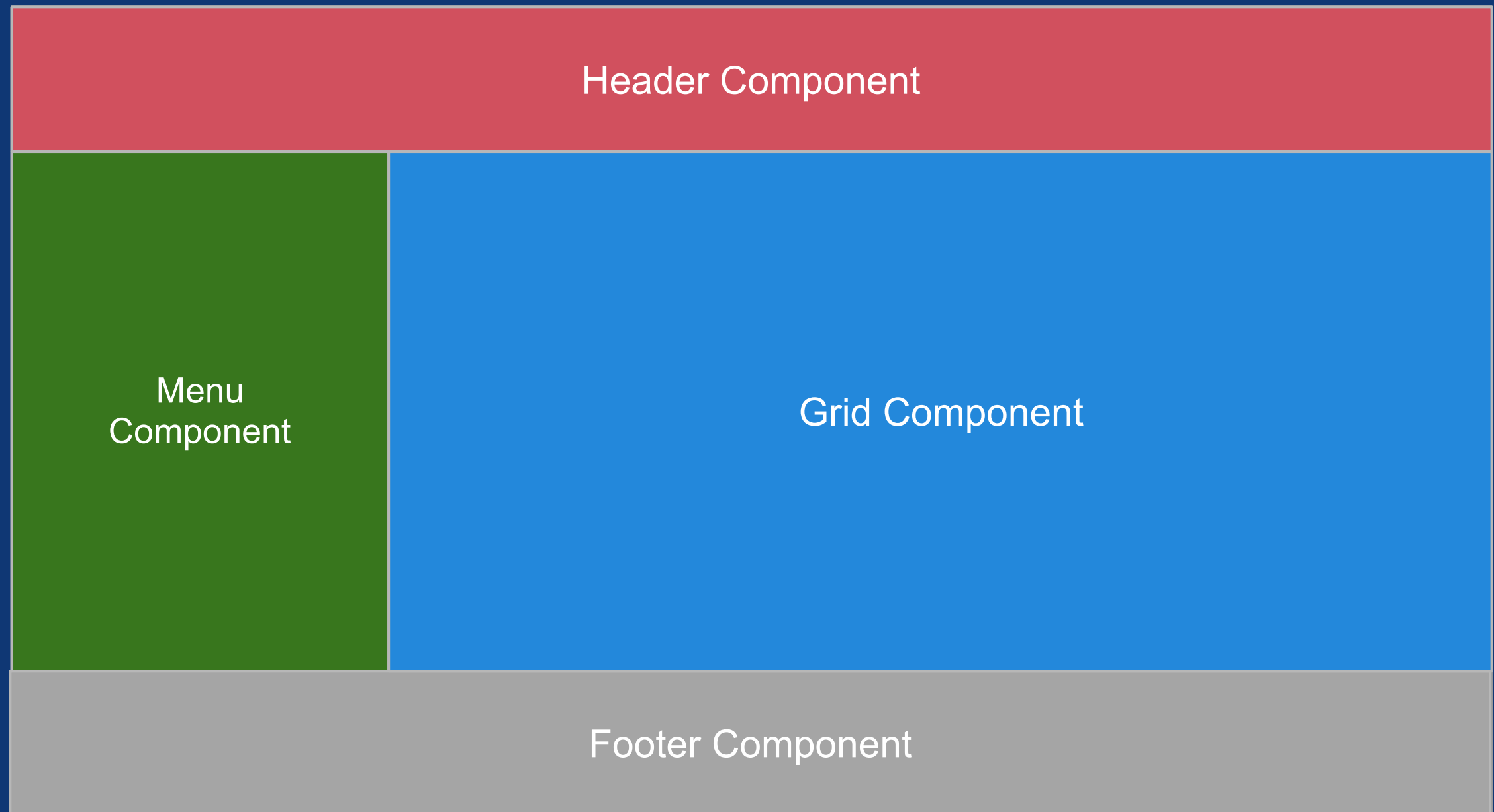
Services

Data Binding

Performance



The Big Picture



**WHEN CHUCK NORRIS THROWS
EXCEPTIONS**



**IT'S ACROSS THE
ROOM**

memegenerator.net

**CHUCK NORRIS WRITES CODE THAT OPTIMIZES
ITSELF**

memegenerator.net

CHUCK NORRIS



**CAN DELETE THE RECYCLE
BIN**

memegenerator.net

Typescript

- The future of JavaScript is ES2015
 - Major update to the JavaScript language
 - Modules, classes and more
 - Will help you align with Angular
- TypeScript builds on top of ES2015

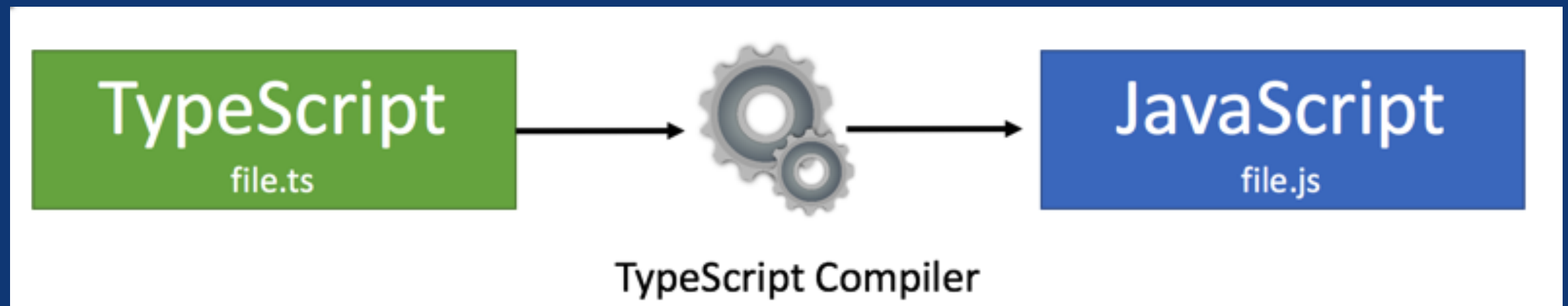


Typescript

<https://www.typescriptlang.org/play/>



Typescript Compilation



Typescript Classes

- TypeScript/ES2015 supports classes:
 - Define constructors
 - Define properties
 - Support for "inheritance" (uses prototyping)
 - Shortcut function names
 - Encapsulation of code!



Typescript Arrow Functions

- Cleaner syntax
- Easier nesting
- “Fat arrow” =>
- Function myFunction(inputVar)



Typescript Template Strings

- Supports multi-line strings
- Allow variables and expressions to be embedded in string literals using `${expression}`
- Use the ``` character to start and end a string
- Clean up situations where multiple strings are concatenated



Let's Get Coding...

