

Angular

March 2, 2018

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Introduction

What's Angular?

A web development framework

Developed from ground but looking to AngularJS

Developed in TypeScript

Developed by Google

Introduction

Why to use Angular?

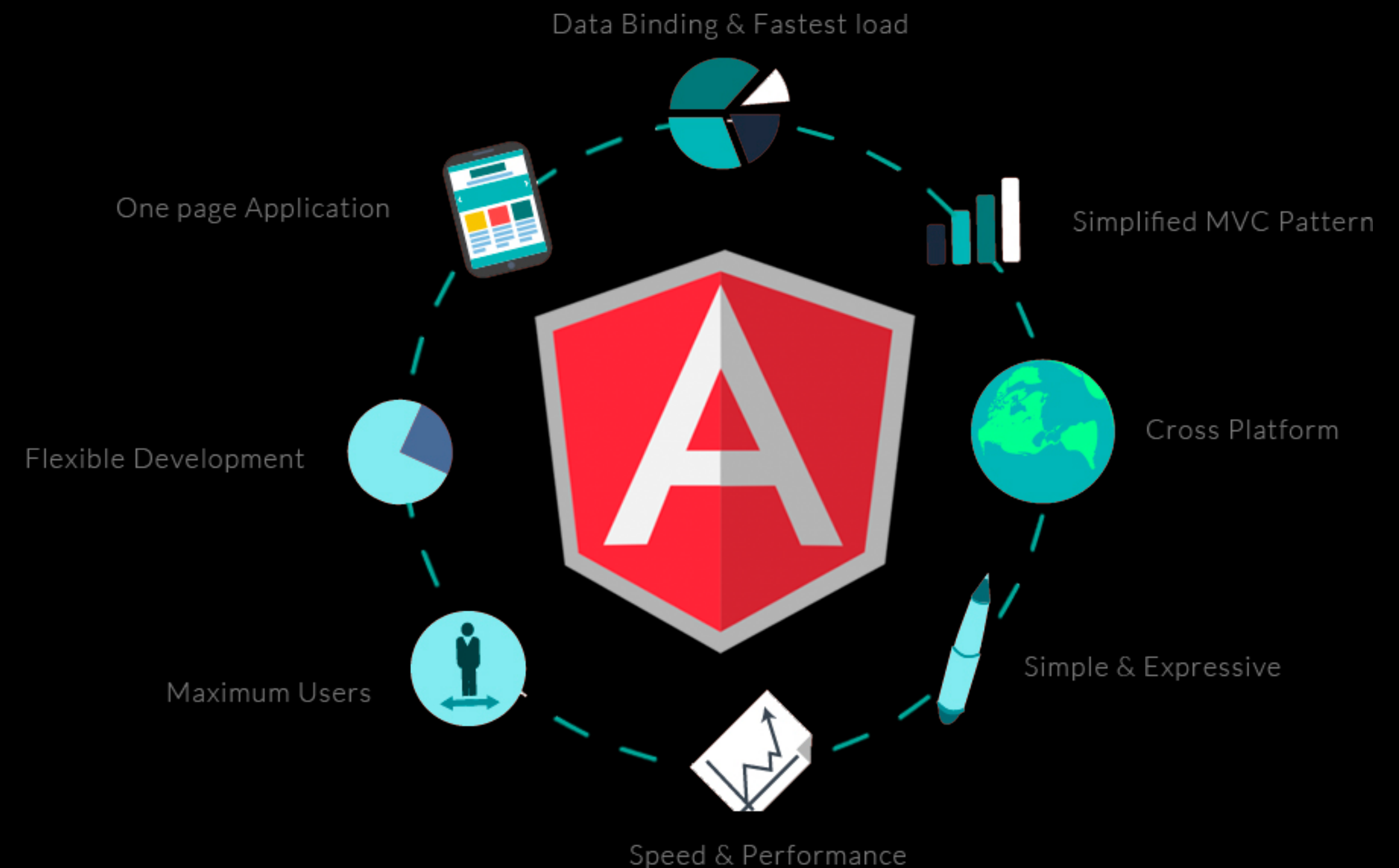
Scalability

Templates

Dependency injection and data binding

Easy to develop Component Based Systems

Security, Internationalization, Animations...



Introduction

When to use Angular?

Designed thinking on mobile multi-platform development

Whenever we need to load code fragments easily with high performance

Need to create modular code

Whenever we don't want to depend on external dependencies like JQuery

Stakeholders

Google (as a company)

Developers who use the framework

GitHub community and developers of the framework

People that uses web services written using Angular

Constraints

Runs in web

Can also run in Node.js to create desktop apps

Versatile alongside frameworks like electron.io, generates multiplatform apps

Relies on TypeScript programming language

How [is it | to] build?

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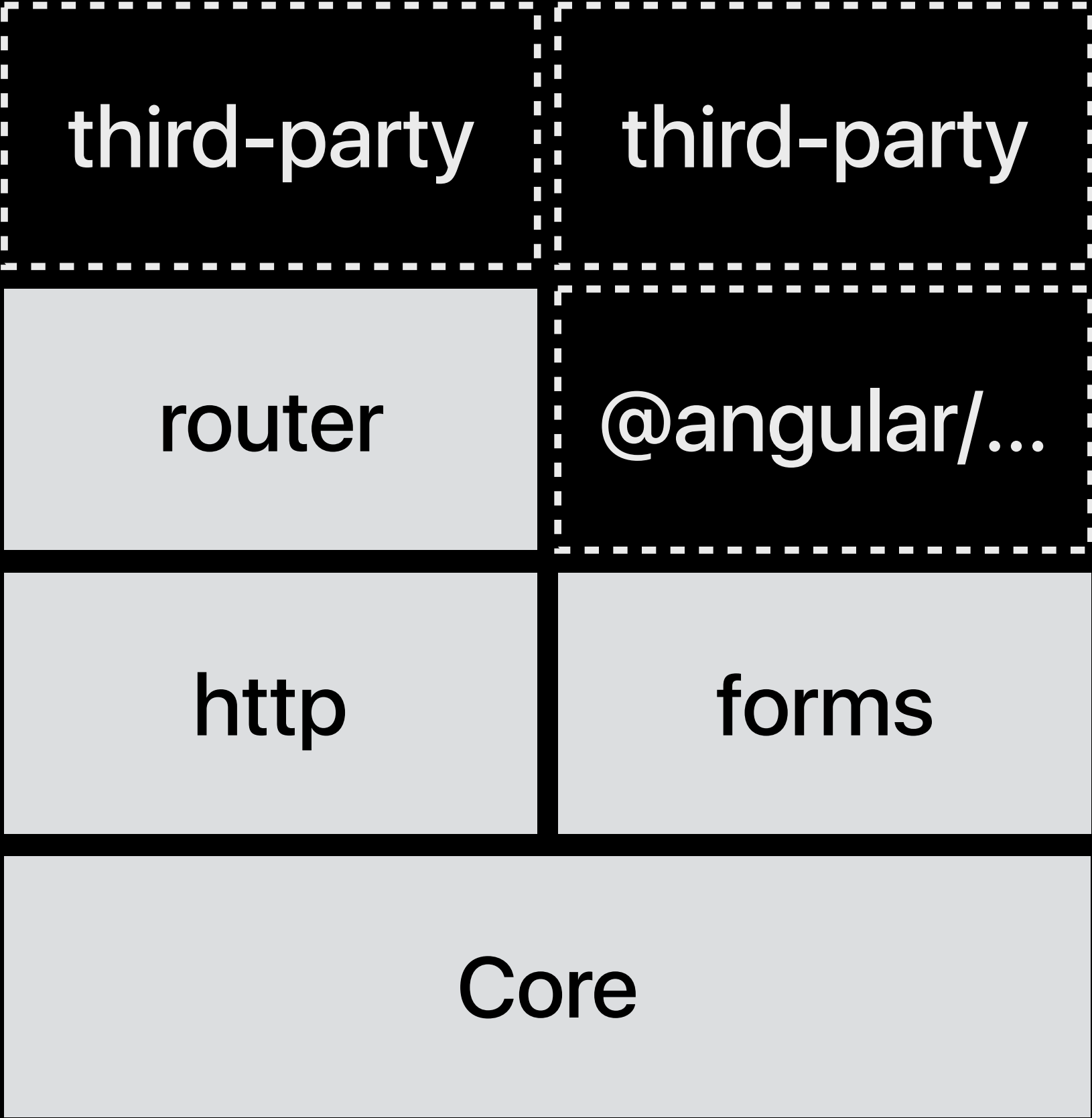
Angular

How is it build?

Base core layer

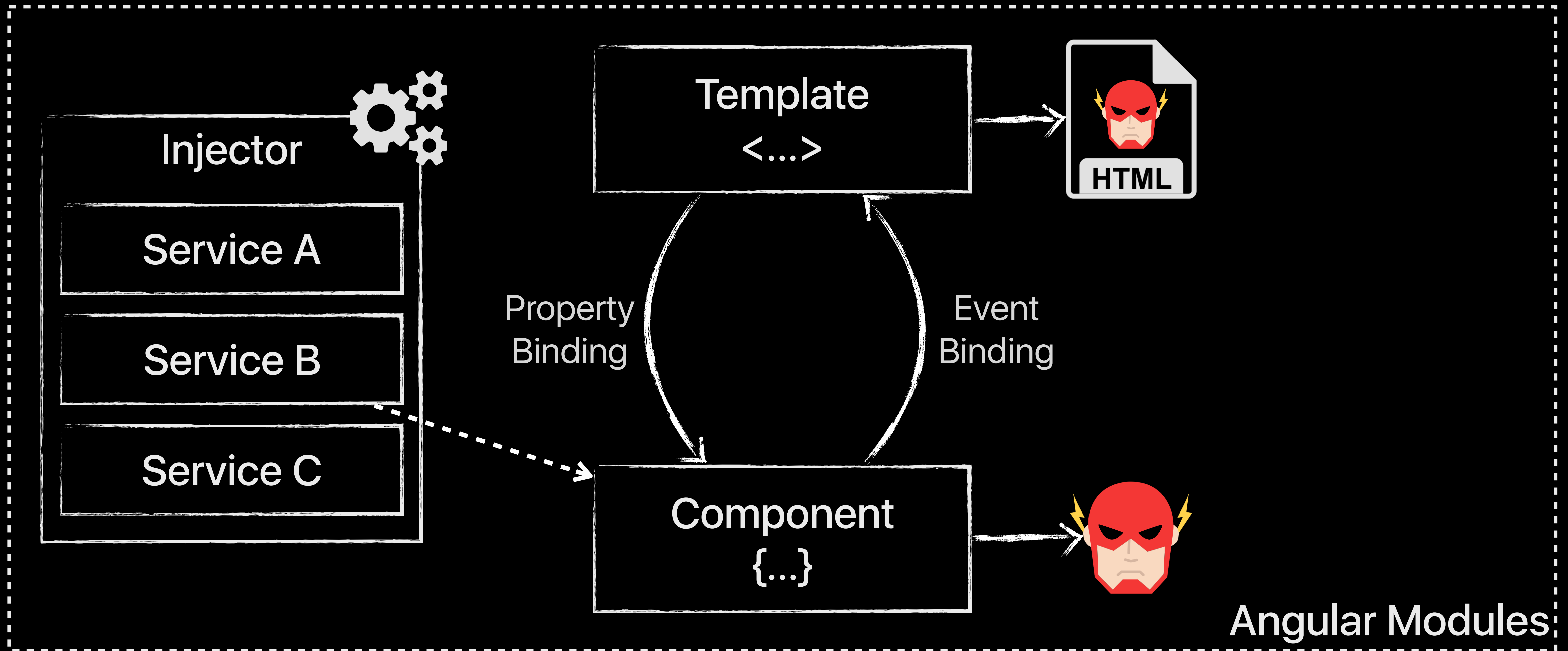
Module per common-functionality

animations	language-service
bazel	platform-browser
benchpress	Platform-browser-dynamic
common	platform-server
core	platform-webworker
forms	platform-webworker-dynamic
http	router
	service-worker



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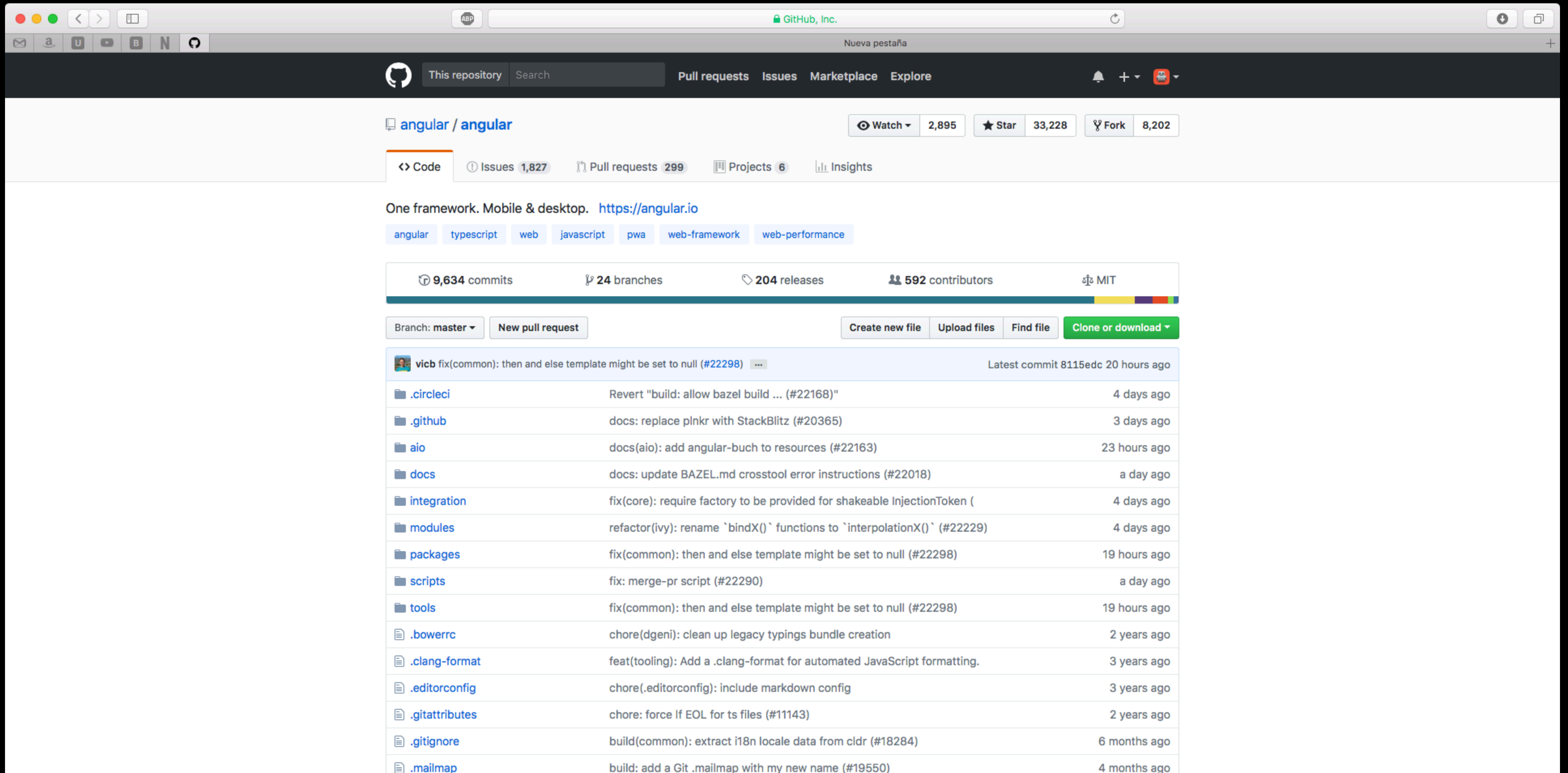
How to build with angular?



Contributing example

Angular

Contributing example





Issue: #21908

Refining the code of Tutorial #7 Routing | @FumioNonaka

comp: docs

effort1: hours

freq1: low

severity1: confusing

Current behavior

```
import { Component, OnInit, Input } from '@angular/core';  
export class HeroDetailComponent implements OnInit {  
  @Input() hero: Hero;  
}
```

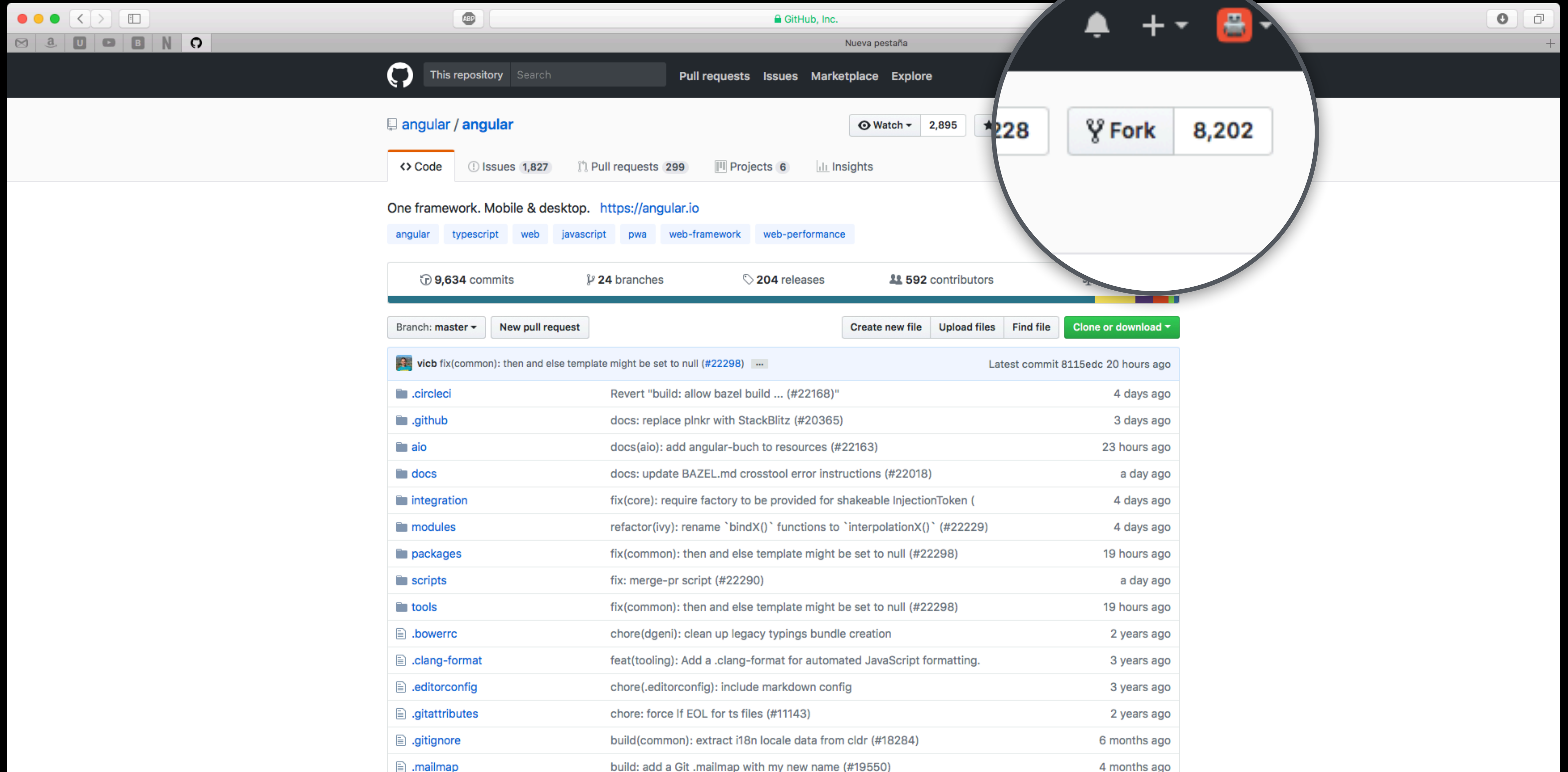
Wanted behavior

```
import { Component, OnInit } from '@angular/core';  
export class HeroDetailComponent implements OnInit {  
  hero: Hero;  
}
```

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Contributing example

<https://help.github.com/articles/fork-a-repo/>



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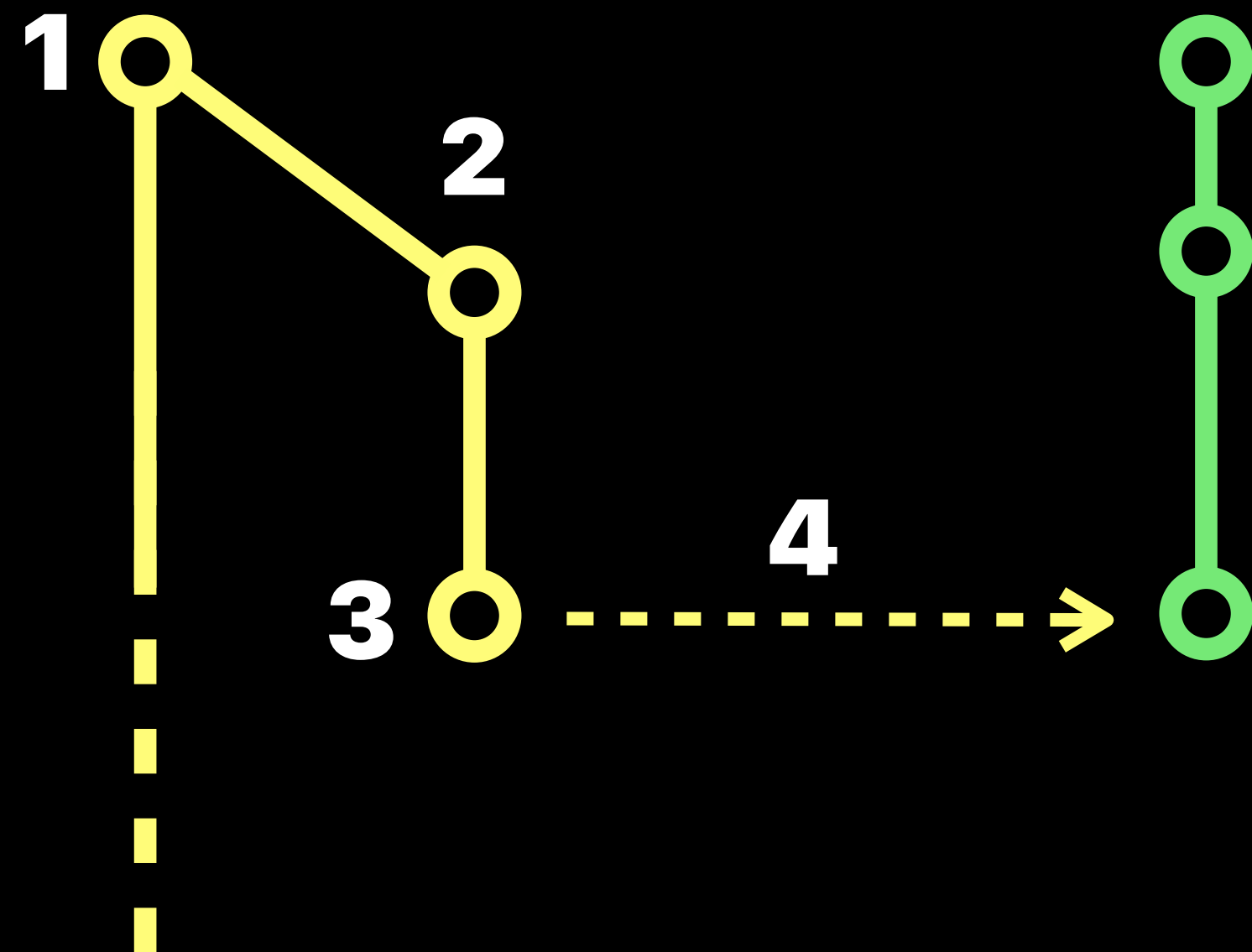
Contributing example



thewilly/angular



angular [master]



1. Fork original repo

2. Branch own repo as fix-issue-21908

`thewilly/angular[fix-issue-21908]`

3. Commit changes

4. Initiate a pull request to the original repo

`PR-22151: refactor(aio): refining code of tutorial 7 routing`



PR: #22151

refactor(aio): refining code of tutorial 7 routing

Removed the dead code from `hero-detail.component.ts`

Fixes #21908 [Refining the code of Tutorial #7 Routing]

```
import { Component, OnInit, Input } from '@angular/core';  
export class HeroDetailComponent implements OnInit {  
  @Input() hero: Hero;  
}
```

before

```
import { Component, OnInit } from '@angular/core';  
export class HeroDetailComponent implements OnInit {  
  hero: Hero;  
}
```

after



PR: #22151

refactor(aio): refining code of tutorial 7 routing

Removed the dead code from `hero-detail.component.ts`

Fixes #21908 [Refining the code of Tutorial #7 Routing]

- ✓ Build
- ✓ Integrations Tests
- ✓ PR Tests
- ✓ CLAs Signed
- 🕒 Code Review

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