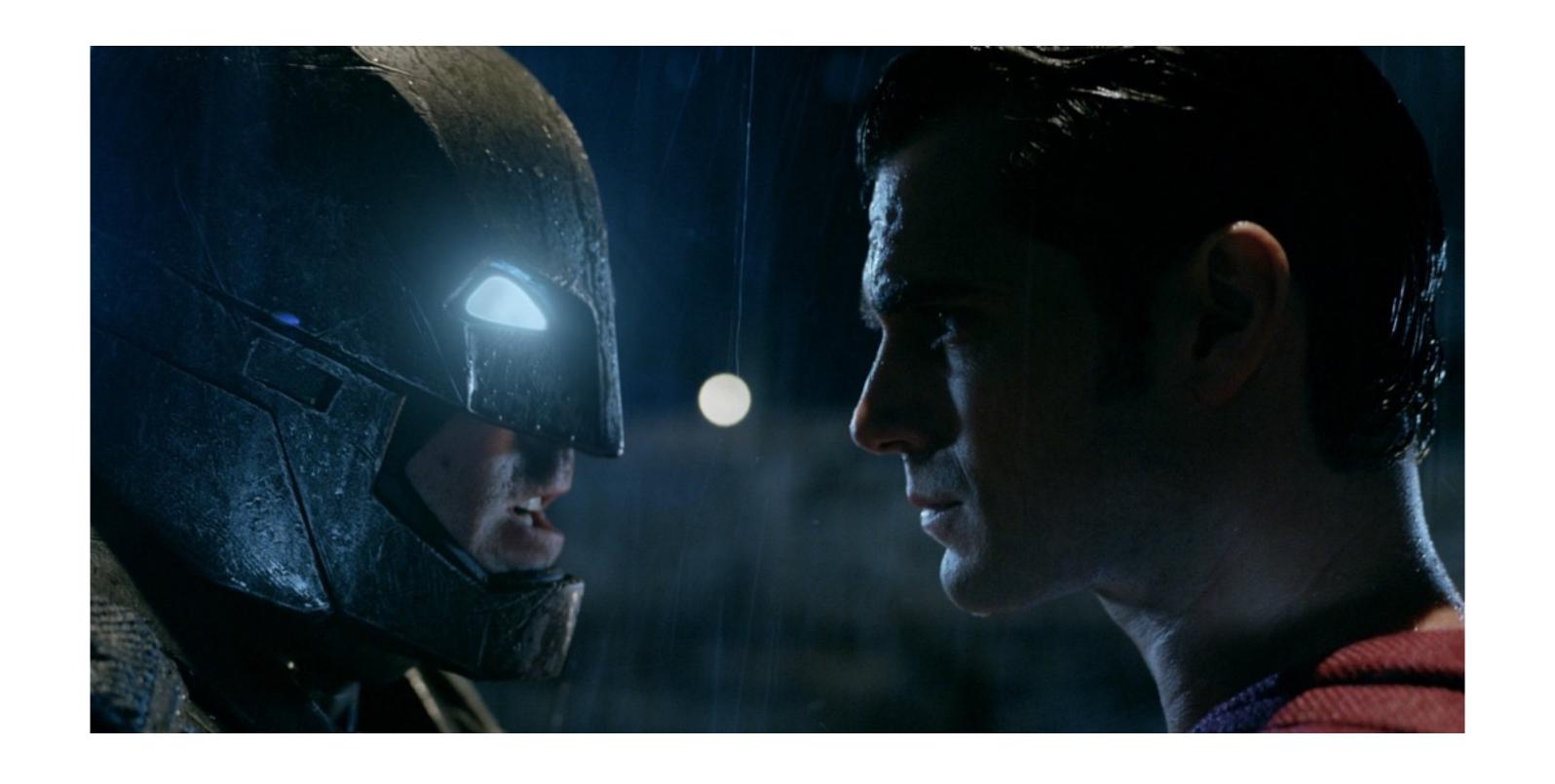
# Using TypeScript Decorators with Angular

## Decorators





## Declarative v Imperative

# Examples

```
import { readonly } from 'core-decorators';
class Meal {
  @readonly
  entree = 'steak';
var dinner = new Meal();
dinner.entree = 'salmon';
// Cannot assign to read only property 'entree'
of [object Object]
```

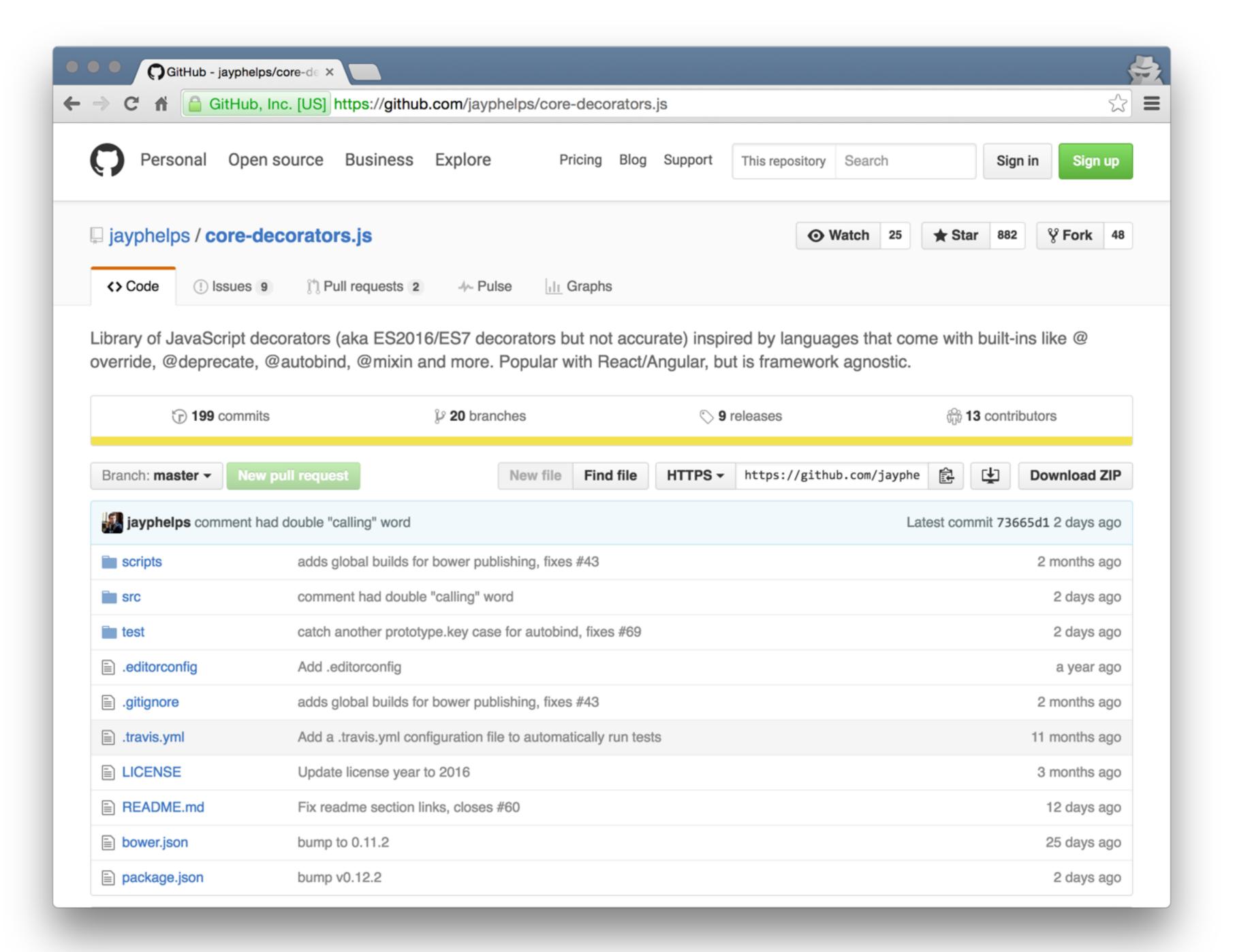
```
import { deprecate } from 'core-decorators';
class Person {
  @deprecate
  facepalm() {}
let person = new Person();
person.facepalm();
// DEPRECATION Person#facepalm: This function will be
removed in future versions.
```

```
import { debounce } from 'core-decorators';

class Editor {
  content = '';

  @debounce(500)
  updateContent(content) {
    this.content = content;
  }
}
```

## Decorator Libraries



# Who's Using Decorators?



Angular 2



## 3 Demos

#### Demo #1

@log decorator (for method)

### Demo #2

Angular 2 + decorators

#### Demo #3

AngularJS 1 + decorators

## Demos

#### Thanks!

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https://github.com/smashdevcode/utah-code-camp-2016