∞ INFINUM

A Vue into the future

STJEPAN PETRUSA

How many of you have heard of Vue?

WHAT IS VUE.JS?

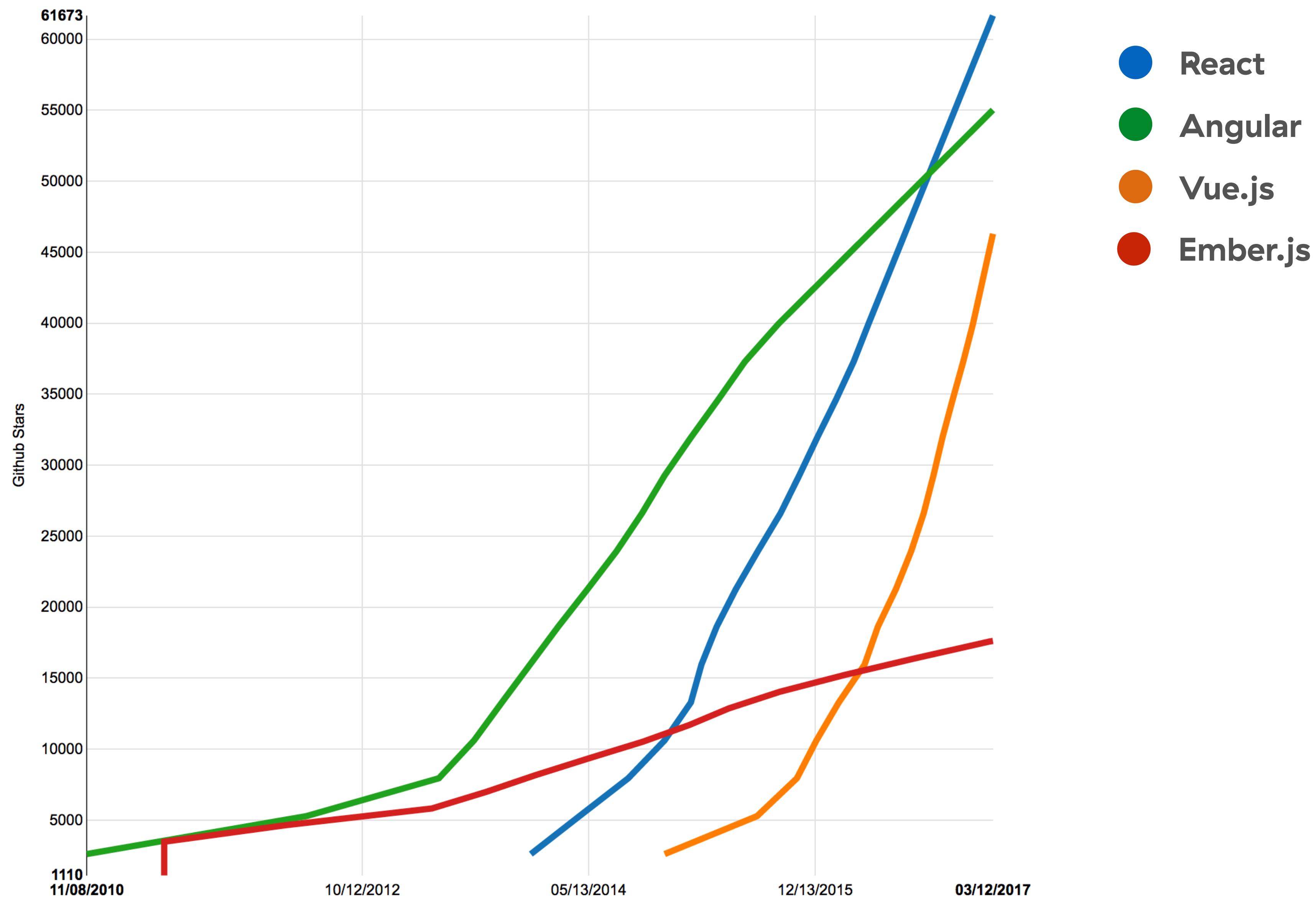# NEW GIRL IN JAVASCRIPT TOWN

POPULAR

NEW GIRL IN JAVASCRIPT TOWN
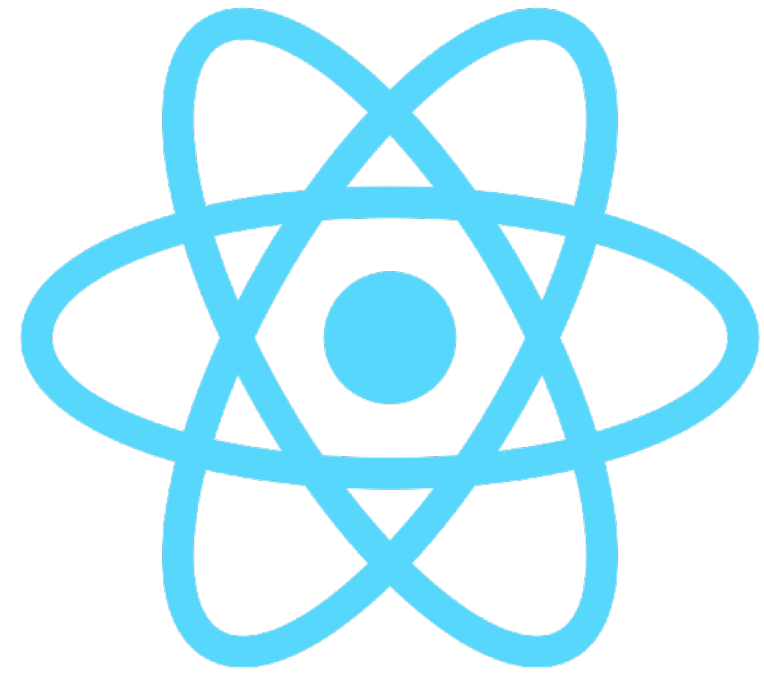
★ Unstar | 46,598

Source: http://www.timqian.com/star-history/#vuejs/vue&facebook/react&angular/angular.js&emberjs/ember.js

WHAT MAKES IT SO GOOD?

VIRTUAL DOM

DIRECTIVES

DEVELOPMENT STYLE

VUE VS. REACT

	Vue	React
Fastest	23ms	63ms
Median	42ms	81ms
Average	51ms	94ms
95th Perc.	73ms	164ms
Slowest	343ms	453ms

Source: https://vuejs.org/v2/guide/comparison.html

https://cdn.rawgit.com/krausest/js-framework-benchmark/ad20ef6ea5cd0aacc372362b1385ca0529c1c213/webdriver-java/chart.html

DIRECTIVES

- Markers on a DOM element
- Attaching a specific behavior
  - Event listener
  - Passing properties
  - Modifying element

AngularJS

```html
<form ng-submit="addTodo()">
  <input ng-model="newTodo" />
</form>

<section ng-show="todos.length">
  <ul>
    <li ng-repeat="todo in todos" ng-class="{completed: todo.completed}">
      {{todo.title}}
    </li>
  </ul>
</section>
```

Vue.js

```html
<form @submit="addTodo()">
  <input v-model="newTodo" />
</form>

<section v-show="todos.length">
  <ul>
    <li v-for="todo in todos" :class="{completed: todo.completed}">
      {{todo.title}}
    </li>
  </ul>
</section>
```

DEVELOPMENT STYLE

REACT – JSX

```jsx
import React, {Component} from 'react';
import classnames from 'classnames';

import styles from './style.scss';

export default class Image extends Component {
  render() {
    const {className, children, src} = this.props;
    const style = {
      backgroundImage: `url(${src})`
    };

    return (
      <div
        className={classnames(className, styles.main)}
        style={style} />
    );
  }
}
```

VUE.JS – VUE

```html
<template lang="html">
  <h1 class="title"> Hello world <h1>
</template>

<script>
 export default {
    props: {},
    ...
 }
</script>

<style lang="scss" scoped>
  .title { color: red; }
</style>
```

VUE-LOADER

- Webpack loader

- Different loaders for each section

- Css modules & scoped css

- Additional blocks (<docs>)

- Using src import

COMPONENT TYPES

Presentational

Container

UI
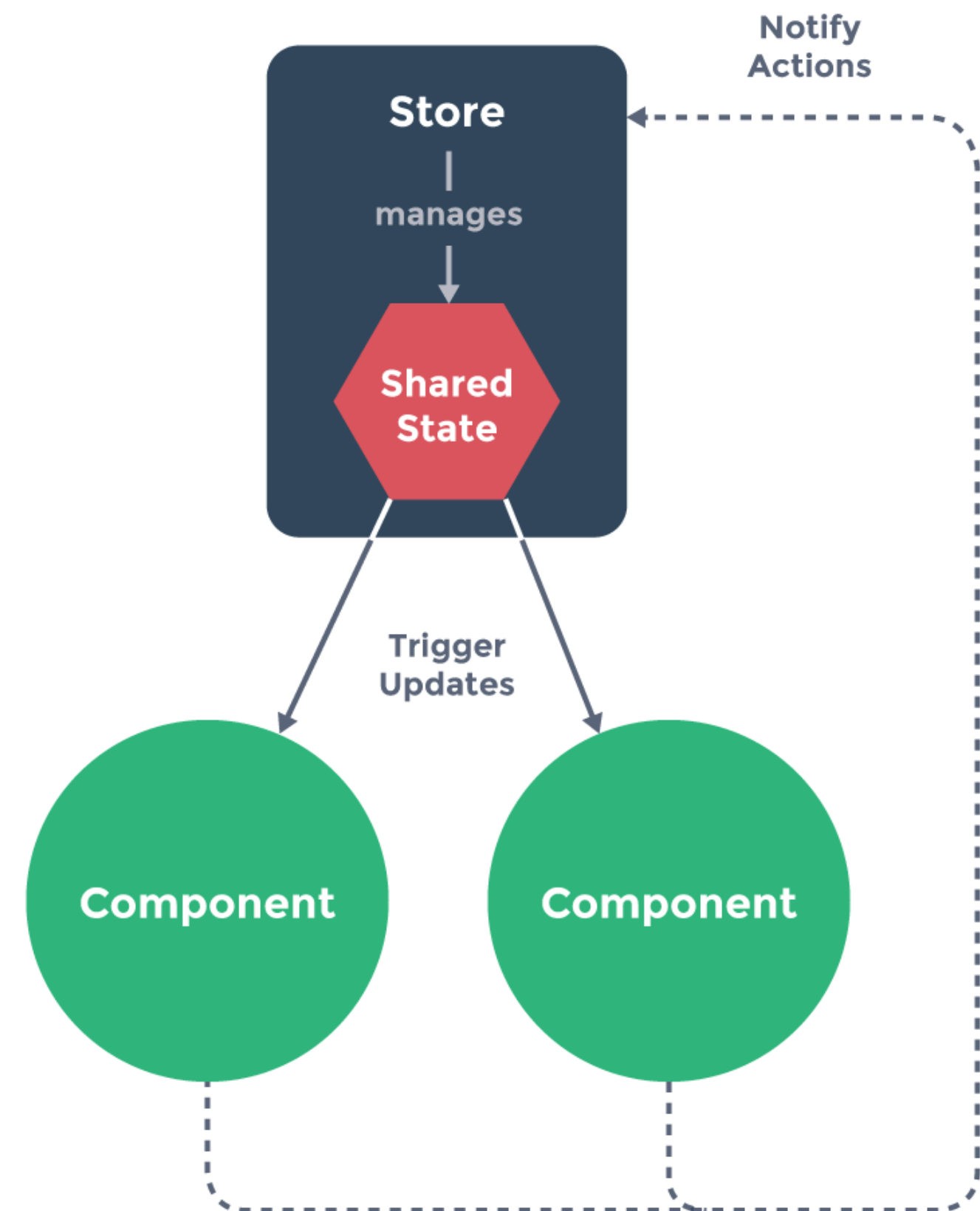**Reusable**

Data logic
Dirty

DEMO TIME

STATE MANAGEMENT

- Redux, Mobx
- Vuex – vuex.vuejs.org
  - Better integration with Vue

SERVER SIDE RENDERING

- Guide: vuejs.org/v2/guide/ssr

- Nuxt.js: nuxtjs.org

USEFUL LINKS

- vuejs.org

- css-tricks.com/intro-to-vue-1-rendering-directives-events

∞ **INFINUM**

Any questions?

STJEPAN.PETRUSA@INFINUM.CO

Visit infinum.co or find us on social networks:

f infinum.co   🐦 infinumco   📷 infinumco   🏀 infinum