



# State of Vue 2017

Evan You

@VueConf, Wrocław, 2017.06.22

# Origination

# First commit

2013.06.27



Commits on Jul 27, 2013



**initial setup**

yyx990803 committed on Jul 27, 2013

# First appearance of “Vue”

2013.12.07

## 0.6.0 - rename to Vue

🔗 0.10



yyx990803 committed on Dec 7, 2013

📄 Showing **56 changed files** with **3,929 additions** and **553 deletions**.

16  Gruntfile.js



@@ -9,15 +9,15 @@ module.exports = function( grunt ) {

|    |                      |    |   |
|----|----------------------|----|---|
| 9  | componentbuild: {    | 9  |   |
| 10 | build: {             | 10 |   |
| 11 | options: {           | 11 |   |
| 12 | -      name: 'seed', | 12 | + |

# First public release (0.8)

2014.02.01



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\* [Vue.js: JavaScript MVVM made simple \(vuejs.org\)](#)

54 points by EvanYou 940 days ago | [hide](#) | [past](#) | [web](#) | 26 comments | [favorite](#) | [save to pocket](#)

2014.11.06

v0.11

Cowboy Bebop



A white arrow pointing from the bottom-left towards the top-right, representing a timeline. It has two white circular markers on its path. Vertical white lines connect these markers to their respective text labels.

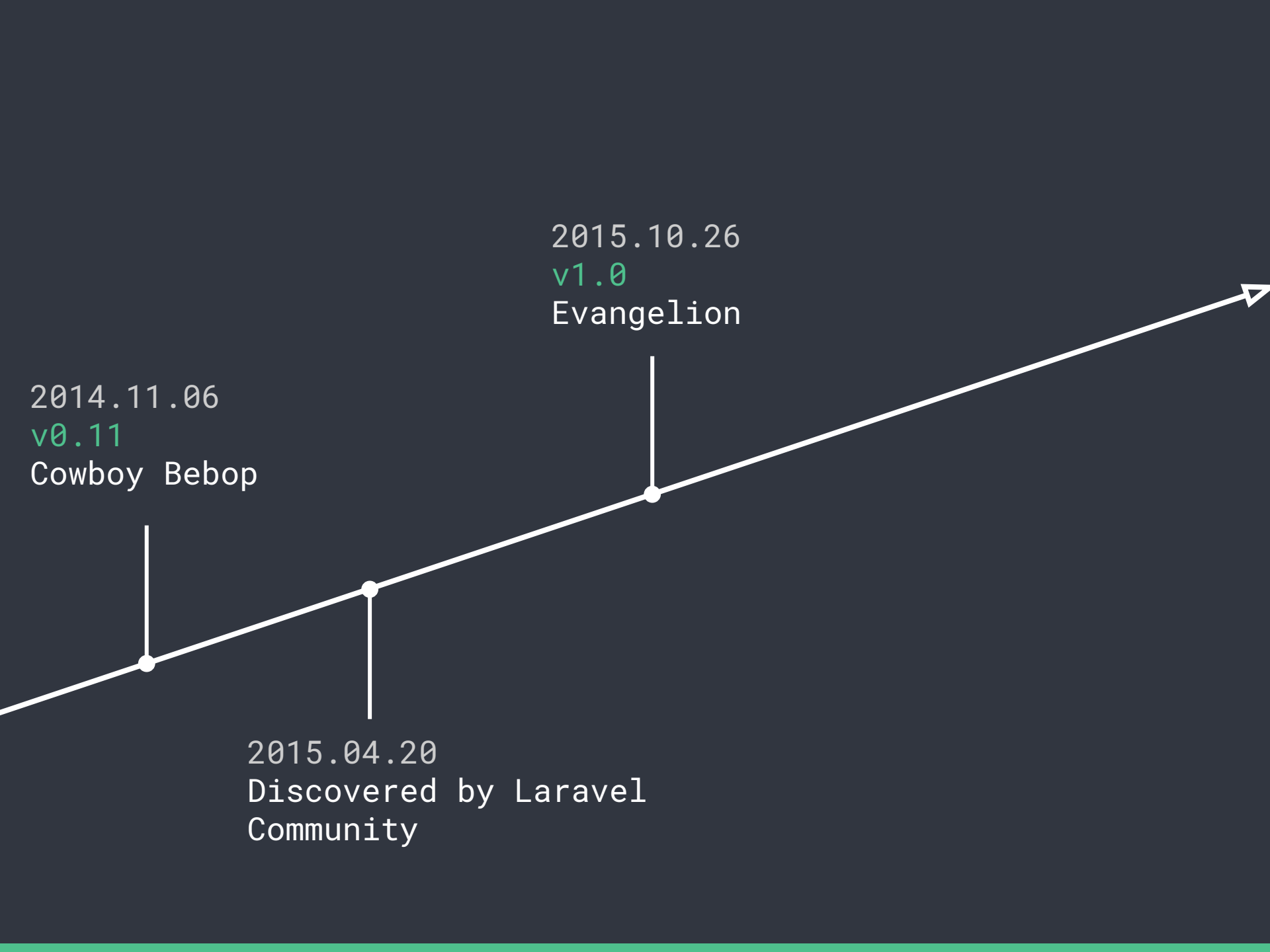
2014.11.06

v0.11

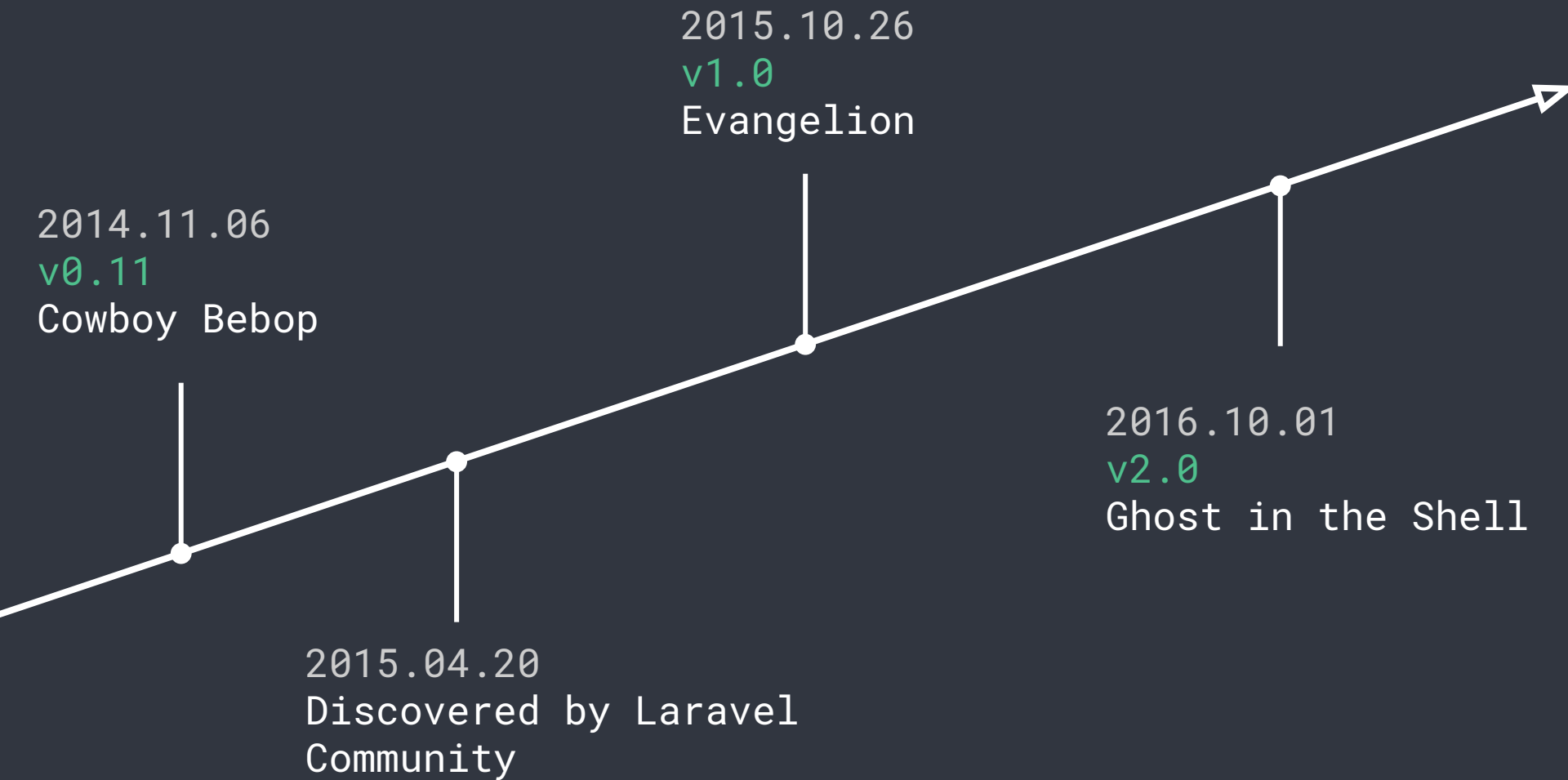
Cowboy Bebop

2015.04.20

Discovered by Laravel  
Community







# Evolution

“Just a view layer library”

“Just a view layer library”

# The Progressive Framework

Declarative  
Rendering

Component  
System

Client-Side  
Routing

Large Scale  
State  
Management

Build  
System

Client-Server  
Data  
Persistence

Today



# 57,380 GitHub Stars

Top 10 All-Time

2nd most-starred JavaScript framework





~558k monthly NPM downloads  
(excluding stats from mirrors in China)



Chrome DevTools Extension  
~209k weekly active users

# World-wide Commercial Usage



大疆創新



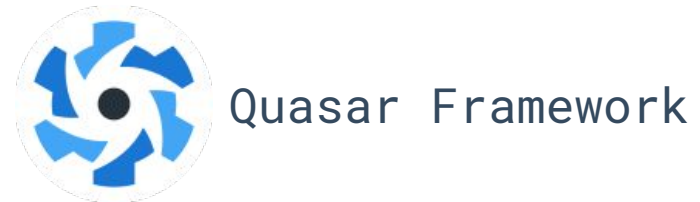
Community



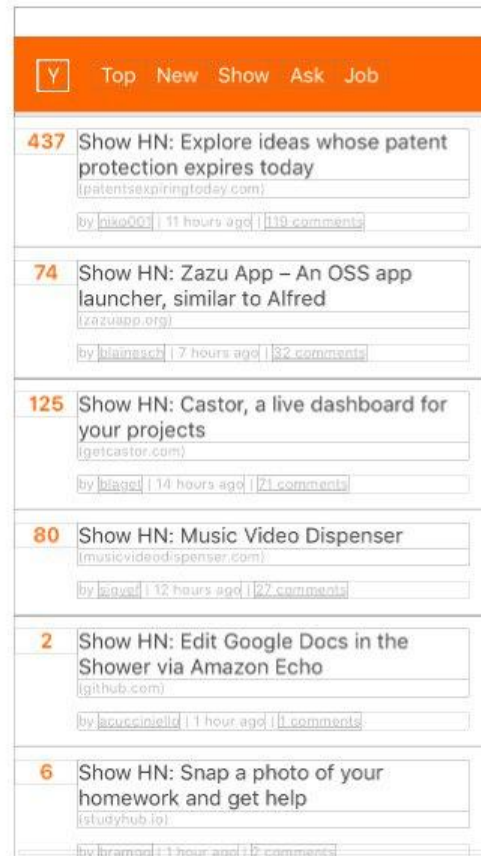
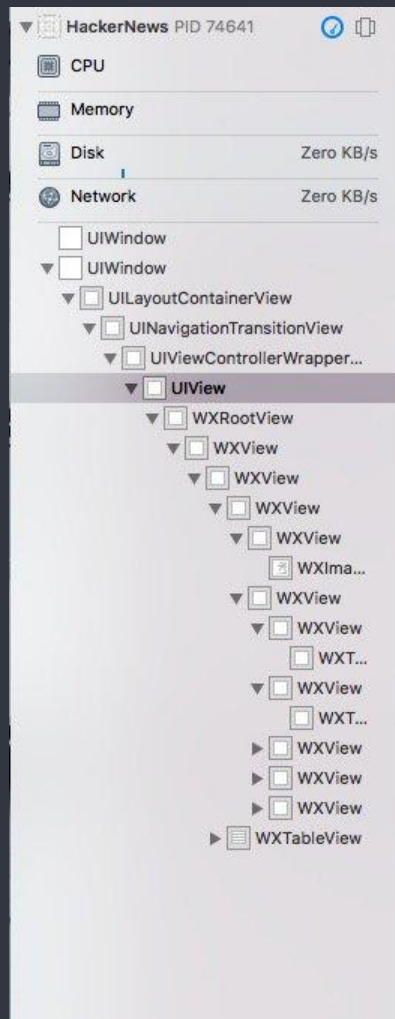
# 314 GitHub Contributors

across the vuejs organization

# Thriving Community Projects



2016.12.22 - Weex 0.9.4  
with Vue 2.0 runtime



# Microsoft Build 2017

Anders Hejlsberg presenting Vue + VSCode + TS 2.3



Channel 9

all content

shows

events

search channel 9



sign in

close live event

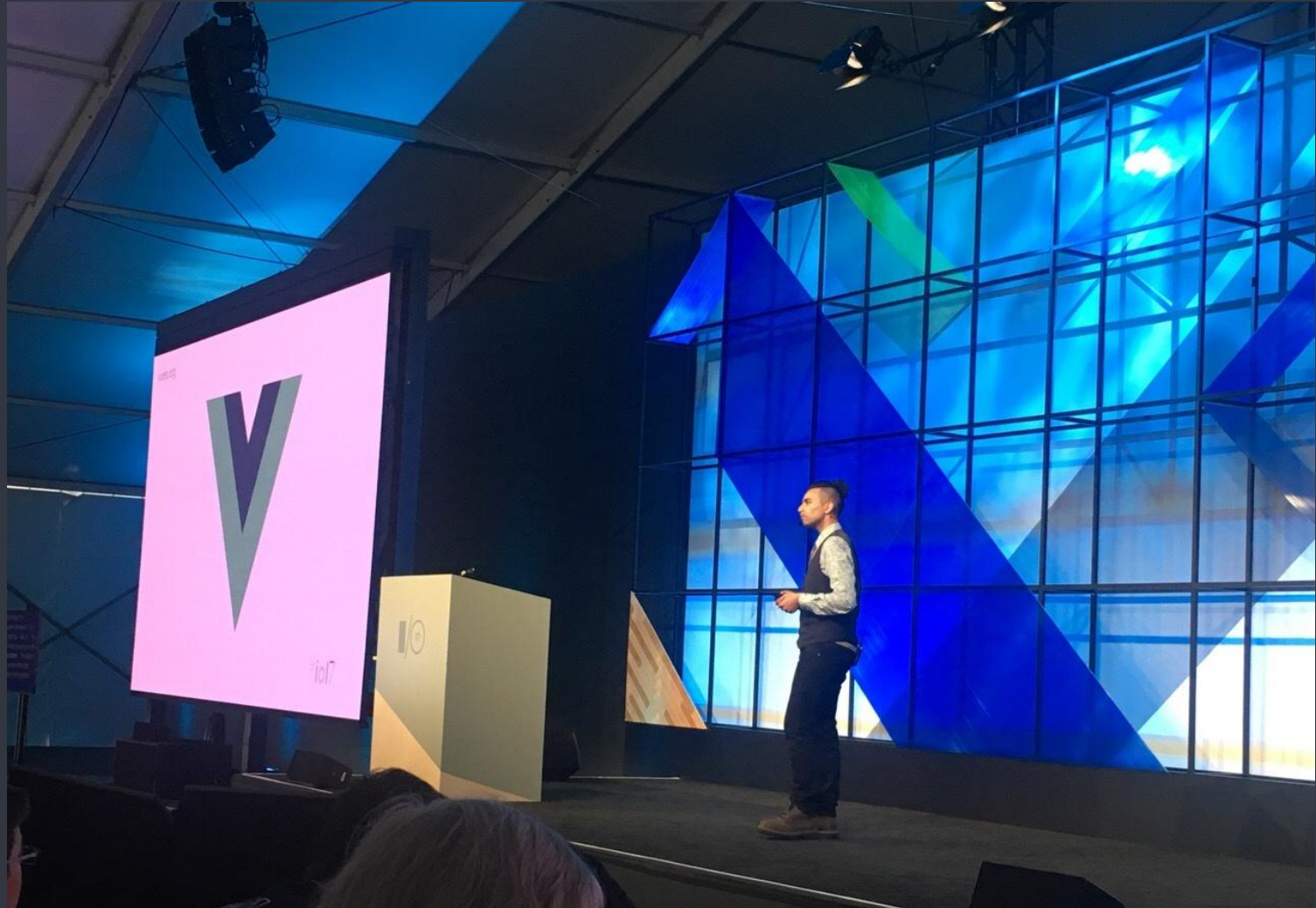
## Live Build 2017

```
main.ts | TodoApp.vue |
File Edit Selection View Go Debug Help
EXPLORER | main.ts | TodoApp.vue
OPEN EDITORS 1 UNSAVED
main.ts src
• TodoApp.vue src\comp...
VUEJS
.vscode
dist
node_modules
src
components
TodoApp.vue
TodoFooter.vue
TodoHeader.vue
TodoItem.vue
main.ts
models.ts
vue-file-shims.d.ts
.gitignore
index.html
LICENSE.md
package.json
tsconfig.json
tslint.json
main.ts |
38 props: ['currentView'],
39
40 data() {
41   const initialState: AppState = {
42
43     // Input box content.
44     newTodoTitle: '',
45
46     // Cu $children (property) Vue<AppState, { removeTodo(ind...
47     todos
48     { c $createElement
49   },
50   $data
51   $delete
52   $destroy
53   $emit
54   $forceUpdate
55   $isServer
56   $mount
57   $nextTick
58   $off
59   this.
60   const title = this.newTodoTitle.trim();
61   if (!title) {
62     return;
```



# Google I/O 2017

Addy Osmani presenting Vue + PWA



# Vue 2.3

## Jojo's Bizarre Adventure

## 2.3 Server-Side Rendering Improvements

- Automatic asset links / resource hints inference with webpack code-splitting

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Vue HN 2.0 | Top</title>
    <meta charset="utf-8">
    <meta name="mobile-web-app-capable" content="yes">
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no, minimal-ui">
    <link rel="shortcut icon" sizes="48x48" href="/public/logo-48.png">
    <meta name="theme-color" content="#f60">
    <link rel="manifest" href="/manifest.json">
    <link rel="preload" href="/dist/manifest.1e547b25b2af27b910d8.js" as="script">
    <link rel="preload" href="/dist/vendor.e4d69e40768f3a87479f.js" as="script">
    <link rel="preload" href="/dist/app.dd8b3eb63d43f4647423.js" as="script">
    <link rel="preload" href="/dist/common.dd8b3eb63d43f4647423.css" as="style">
    <link rel="preload" href="/dist/1.482045dce837afbcc821.js" as="script">
    <link rel="prefetch" href="/dist/0.f1fe6a270f9d53dc7cb2.js" as="script">
    <link rel="prefetch" href="/dist/2.560d8fe30d673faffdaa.js" as="script">
    <link rel="stylesheet" href="/dist/common.dd8b3eb63d43f4647423.css">
    <style data-vue-ssr-id="2cf0ef4f:0 2f664187:0">...</style>
  </head>
  <body>
    <div id="app">...</div>
    <script>...</script>
    <script src="/dist/manifest.1e547b25b2af27b910d8.js"></script>
    ... <script src="/dist/1.482045dce837afbcc821.js"></script> == $0
    <script src="/dist/vendor.e4d69e40768f3a87479f.js"></script>
    <script src="/dist/app.dd8b3eb63d43f4647423.js"></script>
    <div data-v-b9f0df9e class="progress" style="width: 0%; height: 2px; background-color: rgb(255, 202, 43); opacity: 0;"></div>
  </body>
</html>

```

Async chunks used in SSR  
 Unused async chunks  
 Extracted common CSS  
 Critical SSR CSS (inlined)

Async chunks used in SSR

# Vue SSR Guide

<https://ssr.vuejs.org>

Coming Soon: 2.4

More SSR Performance Improvements  
2~8x raw render perf gain via  
compile-time optimization

SSR + webpack code split  
ANYWHERE

(no longer just route components)



# vue-test-utils

Official unit testing utility

WIP

# eslint-plugin-vue

Official ESLint plugin with template syntax level linting  
WIP

vue-cli 3.0

Planned

- Config as dependency
- Better testing setup
- More options (`--ssr`, `--ts`, ...)

# Better TypeScript Support

## Improve Vue type declarations for more canonical usage

[Edit](#)

#5887



Open

DanielRosenwas... wants to merge 17 commits into `vuejs:dev` from `DanielRosenwasser:accurateVueTypes`

Conversation 38



Commits 17



Files changed 11

+288 -139



DanielRosenwasser commented 7 days ago • edited

First-time contributor



This PR improves the Vue `.d.ts` files so that users can get some improved inference when using the `noImplicitThis` compiler option. It takes advantage of many of the features the TypeScript team has been working on over the last few versions. Thus, it requires a minimum TypeScript version of 2.4. You can get this working with the current `typescript@next` (which is `2.5.0-dev.20170614`), but don't let that version number fool you - this will work with the final release of 2.4).

The best part about this change is that it makes using Vue easier when users choose not to use classes and inheritance. In other words, users can more easily `new` up an instance using the Vue constructor, and can create components using the `Vue.extend` and `Vue.component` APIs a little more naturally. Extending Vue as a class will still work, so if you prefer to use `vue-class-component` and the rest, that should still work! However, those dependencies may need to be updated for this

Reviewers



ktsn



HerringtonDarkh...



octref



Assignees



No one—assign yourself

Labels



None yet

# THANKS TO

- My wife
- Monterail & Conf Sponsors
- The Core Team
- The Community
- Patreon sponsors and supporters