

error in unit test vue.js karma (webpack): undefined is not a constructor #706

New issue



Closed kevguy opened this issue on 10 May 2017 · 4 comments



kevguy commented on 10 May 2017

I set up a project using the `webpack` and everything seems to be going well with the default test:

```
,
import Vue from 'vue'
import Hello from '@components/Hello'

describe('Hello.vue', () => {
  it('should render correct contents', () => {
    const Constructor = Vue.extend(Hello)
    const vm = new Constructor().$mount()
    expect(vm.$el.querySelector('.hello h1').textContent)
      .toEqual('Welcome to Your Vue.js App')
  })
})
,
```

Then I follow Vue's documentation (<https://vuejs.org/v2/guide/unit-testing.html>) and added another test:

```
it('has a created hook', () => {
  console.log(typeof Hello.created)
  expect(typeof Hello.created).toBe('function')
})
```

But I got the following error:

```
LOG LOG: 'function'
X has a created hook
undefined is not a constructor (evaluating 'expect((0, _typeof3.default)
(_Hello2.default.created)).toBe('function')')
webpack:///test/unit/specs/Hello.spec.js:16:38 <- index.js:75919:64
```

So it seems like `Hello.created` gives me an `undefined`, but as you can see, I also `console.log` it to double check, and it does give the desired result: `function`

Can anyone give me some help on what happened and how to fix it? I've already tried the solution here (<http://stackoverflow.com/questions/41786049/error-in-unit-test-vue-js-karma-undefined-is-not-a-constructor>) and still couldn't make it work.

For your reference, here's how `Hello.vue` looks like:

```
<template>
  <div class="hello">
    <h1>{{ msg }}</h1>
  </div>
</template>

<script>
export default {
  name: 'hello',
  data () {
    return {
      msg: 'Welcome to Your Vue.js App',
      message: 'hello!'
    }
  },
  created () {
    console.log('oh crap')
    this.message = 'bye!'
  }
}
</script>
```

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Notifications

3 participants





posva commented on 15 May 2017

Contributor

the problem is actually the `toBe` call which is from jasmine. you need to use something like `toBe(...)` because we're using chai 😊

👍 10



kevguy commented on 15 May 2017

You're right, thank you!

```
expect(typeof Hello.created).toEqual('function')
```

or

```
expect(Hello.created).toBe.a('function')
```

both work!

👍 3



posva commented on 15 May 2017

Contributor

Can you close the issue, please 😊 ?

kevguy closed this on 15 May 2017



jkryanchou commented on 7 Oct 2017 • edited ▼

@posva Excellent Job! I have searched it for a long time on this issue. I build a project based on the CoPilot Admin Template, I met the issue when i tried to add more tests to it. I dont realize that the project use the assert plugins was `chai` .