

**GRAPHQL + APOLLO +  
VUE = MAGIC**

# I HAVE UNICORN STICKERS









MY NAME IS SARA



Front End developer at YLD

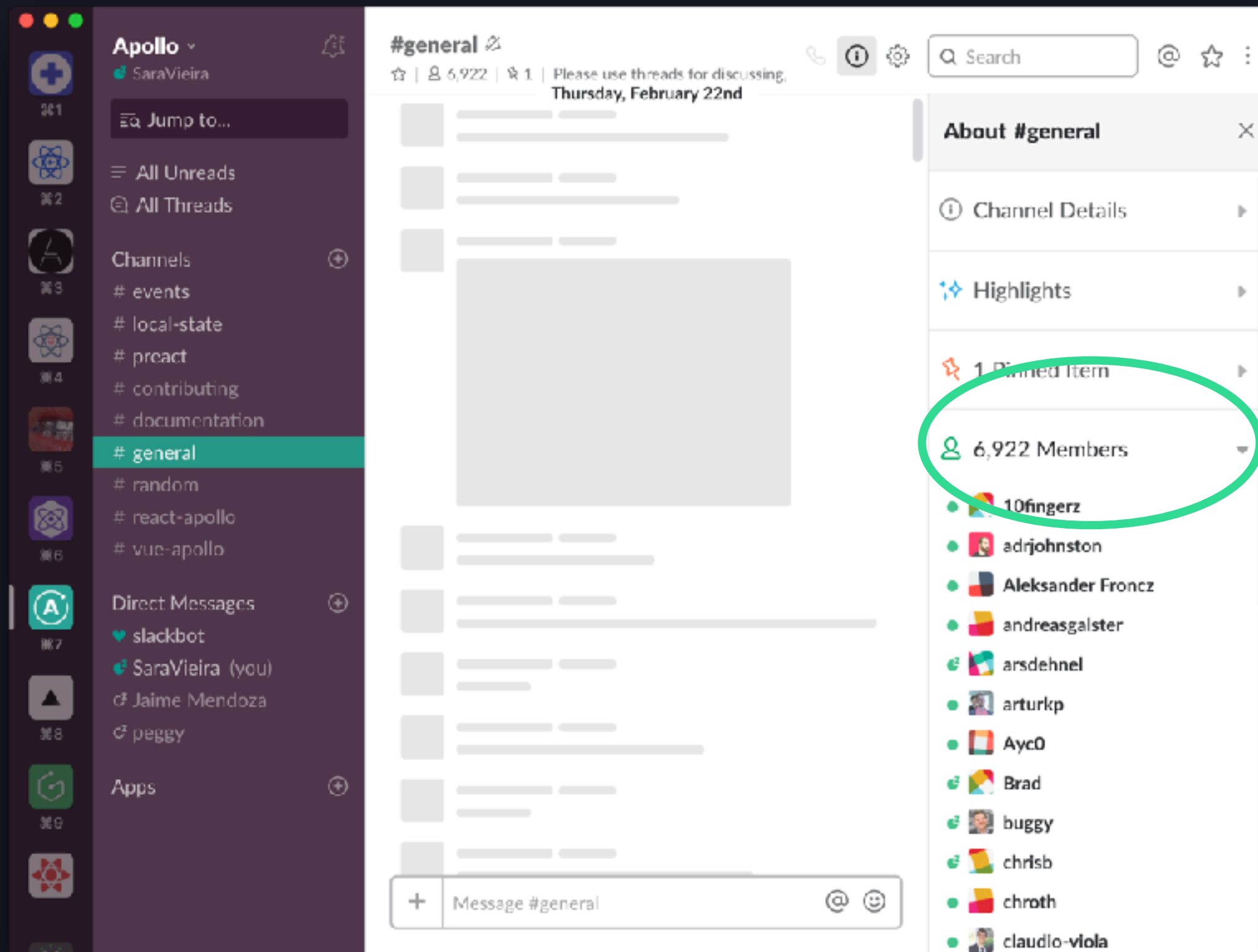
Really into shitty movies

\*please y'all need to watch troll 2\*

Really into football

Lives out of airbnb's

# LIVES IN THE MIDDLE OF NOWHERE



I ADORE VUE

I FEEL LIKE VUE IS LIKE THE HARRY  
POTTER OF JS LIBRARIES



HAVE YOU EVER MET ANYONE THAT  
HATES HARRY POTTER ?



POINT PROVEN

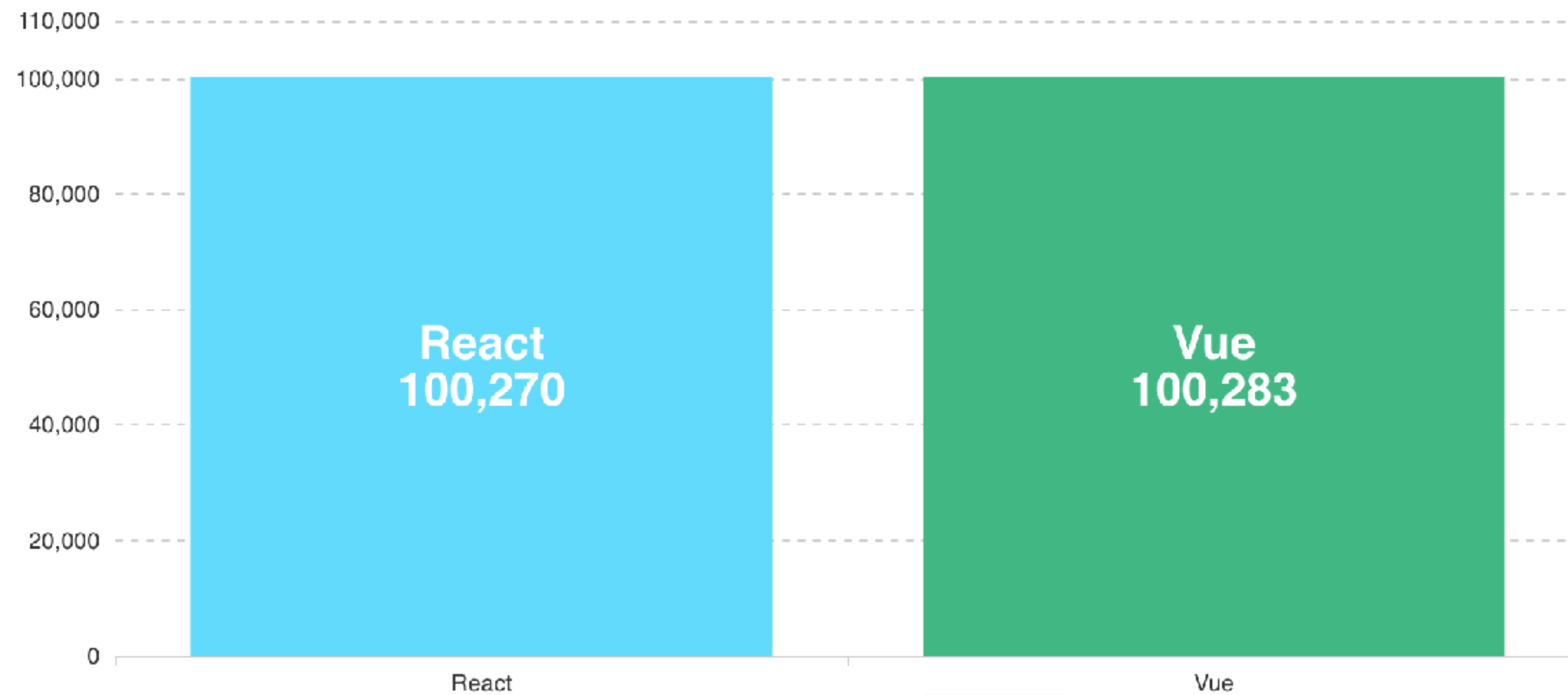
ALSO! PERFECT DAY





Travel through GitHub Stars' history

**Vue leads by 13★**



<https://hubble.js.org/react-vs-vue/>

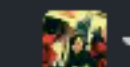




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## Apollo/GraphQL integration for VueJS

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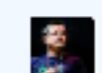
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Akryum docs: spacing

Latest commit b52e9e0 9 days ago

[.vscode](#)

test: wip e2e

17 days ago

[build](#)

Query components + loading + provider improvements

4 months ago

[dist](#)

chore: v3.0.0-beta.16

11 days ago

[src](#)

fix: \$query defaultOptions in provider

11 days ago

[tests/demo](#)

test: readme

11 days ago

[types](#)

Add Typescript type for addSmartQuery() (#230)

20 days ago

[.babelrc](#)

Update build config

7 months ago

[.eslintignore](#)

fix(eslint): ignore schema

15 days ago

[.eslintrc.js](#)

Linting

2 years ago

[.gitignore](#)

TypeScript support (#160)

6 months ago







HOW?



~/Projects/vue-graphql-love

~/Projects/vue-graphql-love master\*

> yarn add vue-apollo graphql apollo-boost|



```
import Vue from "vue"
import App from "./App"
import ApolloClient from "apollo-boost"
import VueApollo from "vue-apollo"

const apolloProvider = new VueApollo({
  defaultClient: new ApolloClient({
    uri: "https://api.graphcms.com/simple/v1/awesomeTalksClone"
  })
})

Vue.use(VueApollo)

new Vue({
  el: "#app",
  provide: apolloProvider.provide(),
  render: h => h(App)
})
```

DONE!

# QUERY COMPONENTS



```
<template>
  <ApolloQuery :query="require('./queries/SPEAKERS.gql')">
    <template slot-scope="{ result: { loading, error, data } }">
      <span v-if="loading"> Loading </span>
      <div v-if="data && !loading">
        <ul v-if="data.allSpeakers.length">
          <li v-for="s in data.allSpeakers" :key="s.id">
            
            <span>{{s.name}}</span>
          </li>
        </ul>
        <div v-else class="empty">
          No Speakers match your search
        </div>
      </div>
    </template>
  </ApolloQuery>
</template>
```

# MUTATION COMPONENTS

```
mutation createSpeaker($name: String!) {  
  createSpeakers(name: $name) {  
    id  
    name  
  }  
}
```

```
<template>
  <ApolloMutation :mutation="require( './queries/ADD_SPEAKER.gql ' )
    :variables="{ name }"
    :update="onUpdate"
    @done="onDone">
    <template slot-scope="{ mutate, loading, error }">
      <form @submit.prevent="mutate">
        <input type="text" placeholder="Name" v-model="name" />
        <button type="submit">Add Speaker</button>
        <span v-if="error">Failed</span>
        <span v-if="loading">Loading</span>
      </form>
    </template>
  </ApolloMutation>
</template>
```

# THE UPDATE FUNCTION



```
methods: {
  onDone() {
    this.name = ''
  },
  onUpdate(cache, { data: { createdSpeaker } }) {
    const { allSpeakers } = cache.readQuery({ query: SPEAKERS })
    cache.writeQuery({
      query: SPEAKERS,
      data: {
        allSpeakers: allSpeakers.concat({
          ...createdSpeaker,
          photo: {
            url: 'http://placekitten.com/100/100',
            __typename: 'Assets',
          },
        }),
      },
    }),
  },
})
},
},
```

# DEMO

<https://codesandbox.io/s/lpoy839pm>

# APOLLO-LINK-STATE DEMO

<https://codesandbox.io/s/x2jr96r8pp>







A black cat is looking towards a white unicorn plush toy. The unicorn has a gold horn and a rainbow-colored mane. The background is a dark, textured surface.

**THANK YOU** 🇳🇱

<https://apollo-vue-love.now.sh/>