

Vuex

State Management in Vue.js

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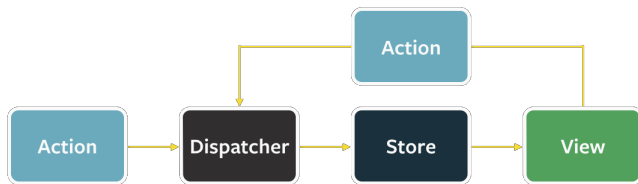
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Was ist Vuex?

Flux/State Management Pattern



für Vue.js

- ▶ zentraler Store für alle Komponenten
- ▶ Regeln für Zugriffe

State Management Pattern

Bestandteile

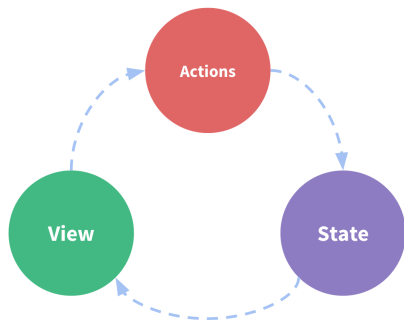
- ▶ State
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One-Way Data Flow

- ▶ Abbildung →

Vorteile

- ▶ Struktur
- ▶ Wartbarkeit



Use Case

Long Term vs. Short Term Productivity

Flux libraries (=Vuex) are like glasses: you'll know when you need them.

-Dan Abramov

Download

Manuelle Installation

- ▶ nicht empfohlen

Paketmanager

- ▶ npm
- ▶ yarn

Registrierung

Vuex-Datei: "store.js"

```
1  import Vue from 'vue'
2  import Vuex from 'vuex'
3
4  Vue.use(Vuex)
```

Store einbinden

"main.js"

```
1  import Vue from 'vue'
2  import App from './App'
3  import store from './store'
4
5  new Vue({
6    el: '#app',
7    store,
8    components: { App },
9    template: '<App/>'
10  })
```


Zugriff

- ▶ \$store-Objekt

State

Getters

Mutations

Actions

Modules

Quellen