



Konzept





Arten von State im Frontend

Location

/movies/green-book#summary

Control

hideWatched: true search: 'gre'

Data

```
movies: [
  { title: 'Green Book' },
  { title: 'Star Wars' },
]
```

Communication

isLoadingMovies: true
isLoadingUsers: false

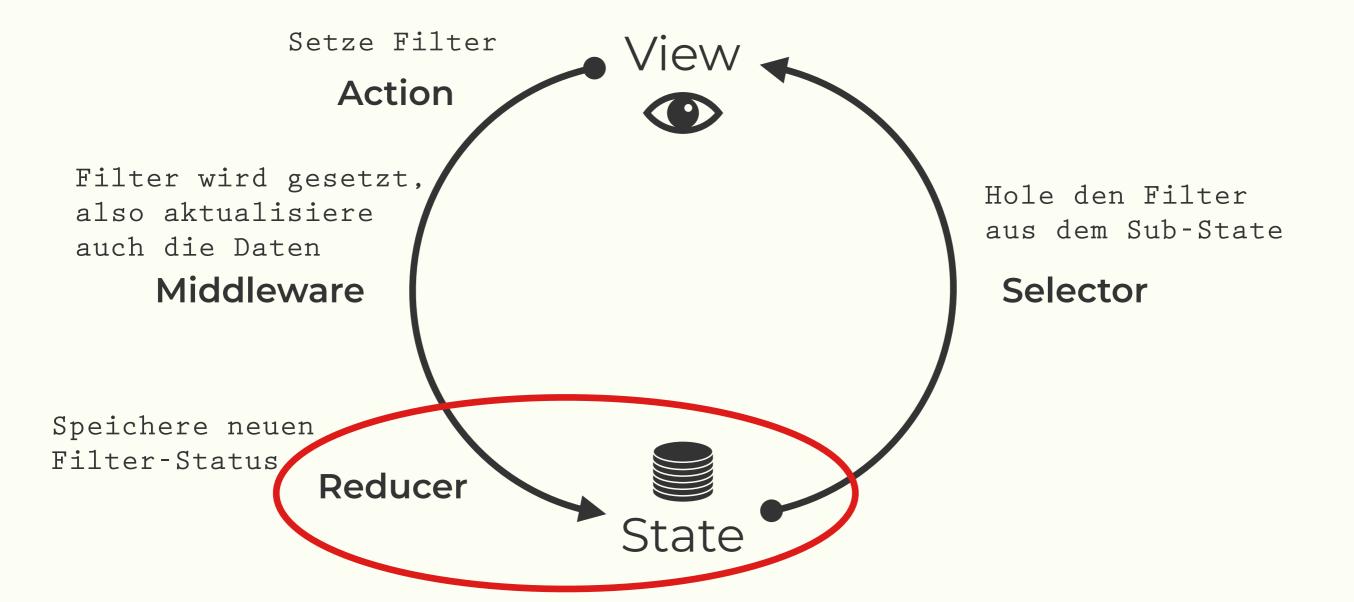
Session

isLoggedIn: true
userName: alex





Redux Architektur





Setup



Setup

Reducers

- - data
 - Js index.js
 - JS movies.js
 - ✓ filter
 - Js index.js
 - Js search.js
 - - Js index.js
 - Js user.js
 - **⊿** ui
 - Js index.js
 - JS loading.js
 - JS index.js

```
location: {
  pathname: '/'
},
data: {
 movies: []
},
filter: {
  search: ''
},
session: {
 user: false
},
ui: {
  loading: 0
```

Setup

View

```
location: {
                                const mapStateToProps = state => ({
pathname: '/'
                                  movies: selectors.getMovies(state),
                                });
data: {
                                const MovieList = ({ movies }) => (
 movies: []
                                  <111>
},
                                    {movies.map(movie =>
filter: {
                                      {li>{movie.title}
 search: ''
                                    ) }
},
                                  session: {
                                );
user: false
},
                                export default
ui: {
                                  connect(mapStateToProps)(MovieList);
 loading: 0
```



Interaktion

Setup

Interaktion

```
const setFilter = value => ({
                type: 'SET_FILTER',
 Action
                payload: { value },
              });
              const reducer = (previousState, action) => {
                if (action.type === 'SET_FILTER') {
                  return action.payload.value;
Reducer
                return previousState;
```

Selector

const getFilterValue = state => state.filter.search;

Setup

Interaktion

```
const mapStateToProps = state => ({
 value: selectors.getFilterValue(state),
});
const mapDispatchToProps = dispatch => ({
  onChange: input => dispatch(actions.setFilter(input)),
});
const Filter = ({ value, onChange }) => (
  <input</pre>
    onChange={event => onChange(event.target.value)}
   value={value}
);
export default connect(mapStateToProps, mapDispatchToProps)(Filter);
```

Setup

Interaktion

Optimierung

Optimierung

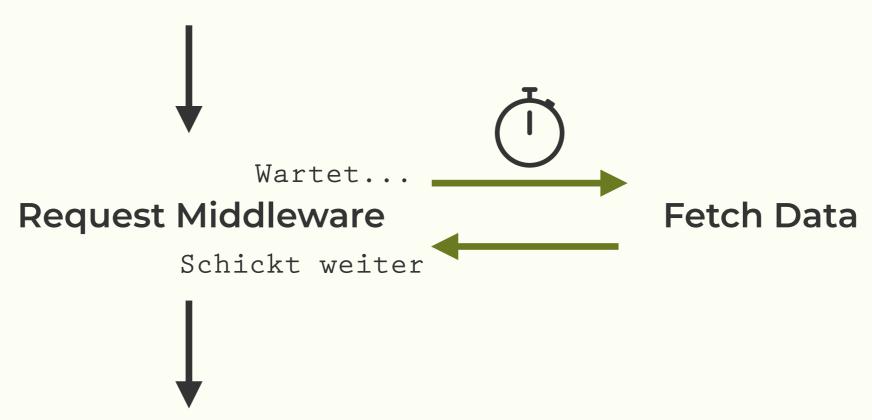


Setup

Interaktion

Optimierung

Action



Reducer



Setup

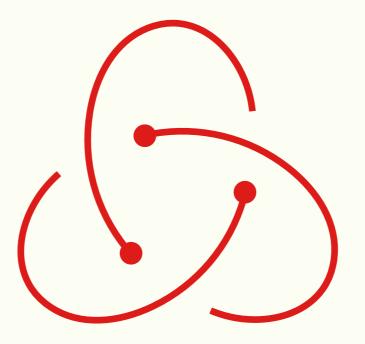
Interaktion

Optimierung

zwen

Zweitag Generator

Zwenerator



redux.js.org

github.com/faceyspacey/redux-first-router

redux-form.com

egghead.io/courses/getting-started-with-redux

medium.com/@dan_abramov/you-might-not-need-redux-be46360cf367