Reactive Store Management

Highcharts API with Angular

2022 - Tech Assembly – Sopra Steria

C2 – Usage restreint

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Definition

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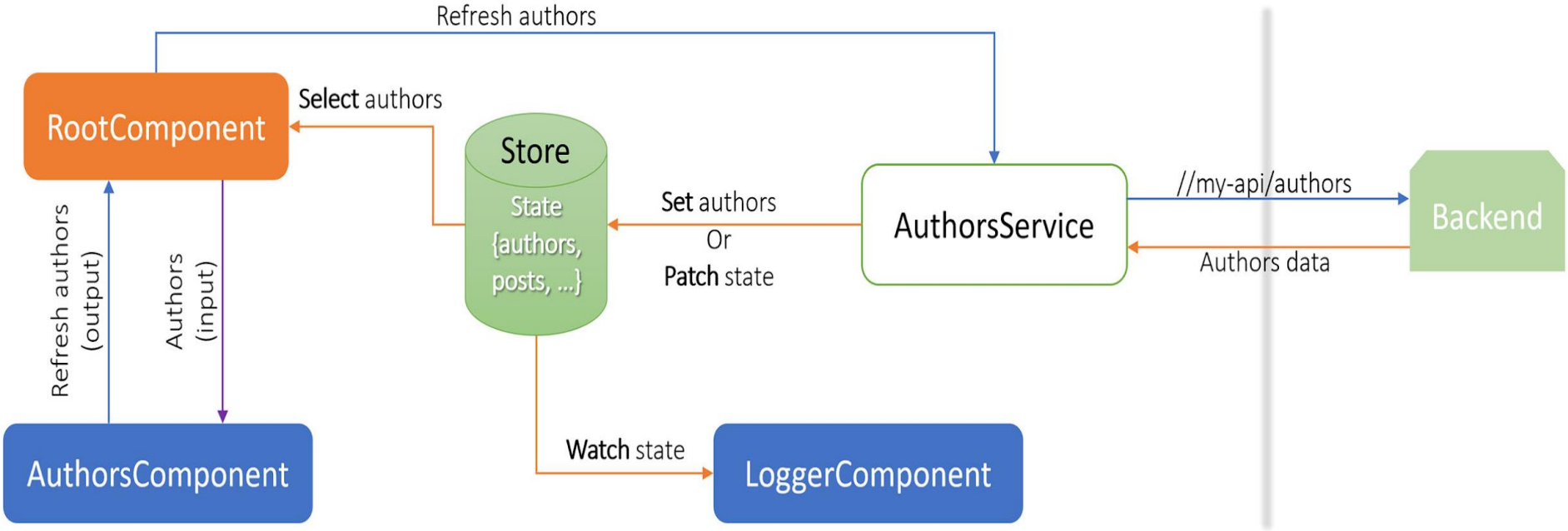
Properties

1. Single Source of Truth
2. Immutability
3. Predictability
4. One-Way Dataflow

Exemple de flux unidirectionnel de données



Implementation

NGRX

NGXS

Akita

MobX

Observable Store

Store*

Store

1

```
export interface BasicState extends State {
  post: Post | null;
  posts: Post[];
  author?: Author;
  loading: boolean;
}
```

2

```
export const INITIAL_STATE: BasicState = {
  post: null,
  posts: [],
  loading: false
};
```

3

```
export class BasicStore extends Store<BasicState> {
  constructor() {
    super(INITIAL_STATE);
  }
}
```

STORE API

1. value
2. get
3. set
4. patch
5. select
6. watch

DEMO...

References

Npm: https://www.npmjs.com/package/@elie29/store

Github: https://github.com/elie29/store

Demo: https://github.com/elie29/highcharts-store-management

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Q & R

Thank you