

Intro to Flux



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What is **Flux**?

Framework?

What is **Flux**?

~~Framework?~~

Library?

What is **Flux**?

~~Framework?~~

Library? Kinda :)

What is **Flux**?

Architecture Pattern

What is **Flux**?

Architecture Pattern
One Way Data Binding

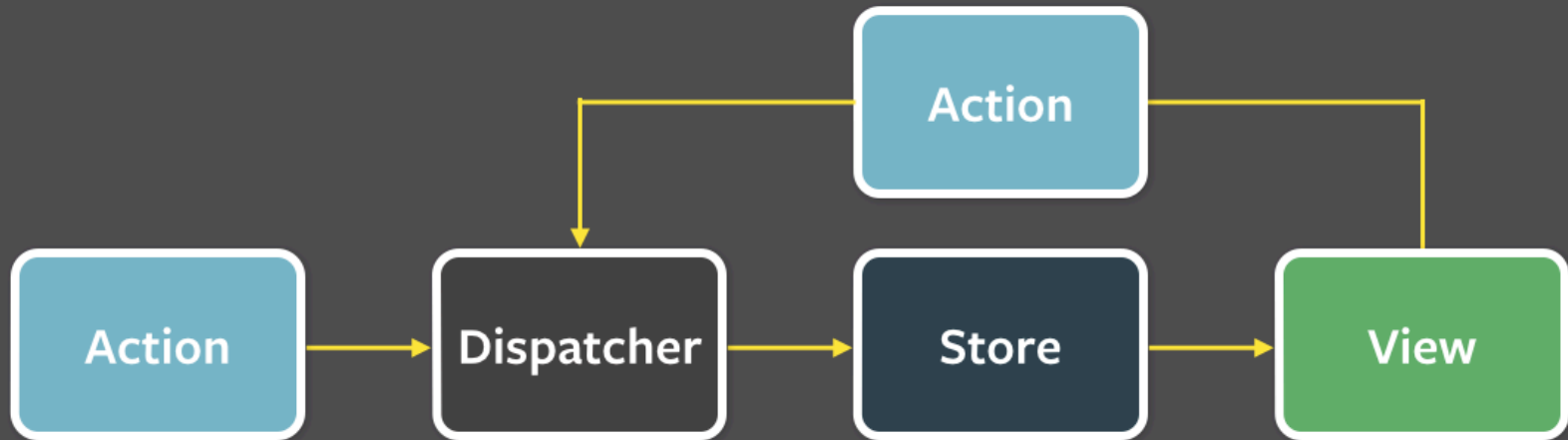
What is **Flux**?

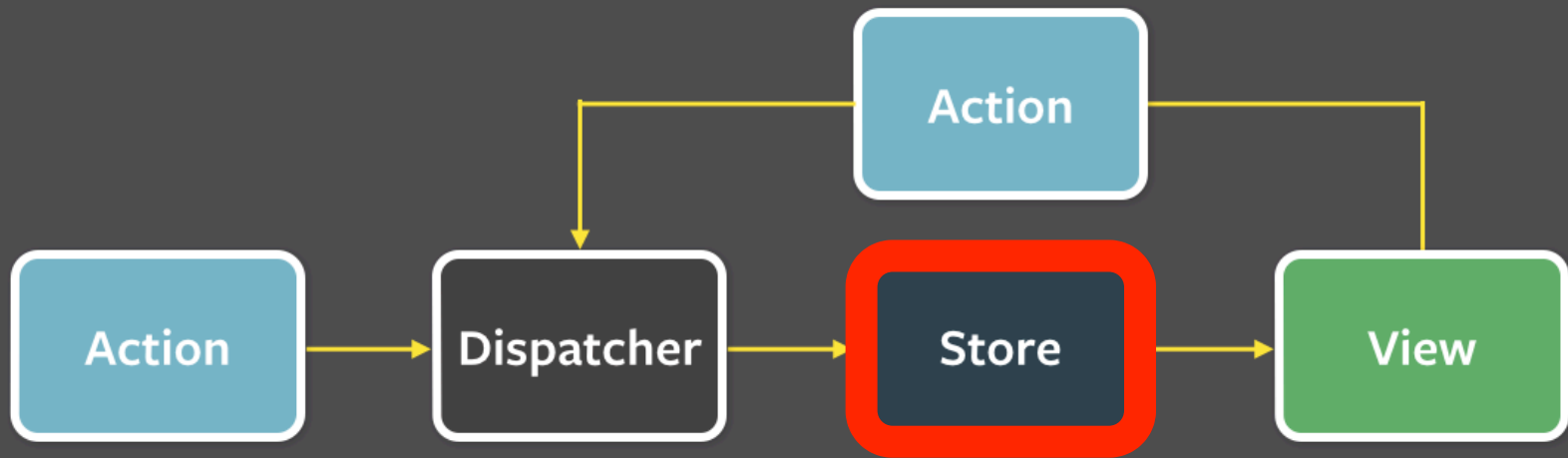
Architecture Pattern
One Way Data Binding
Framework Agnostic

What is **Flux**?

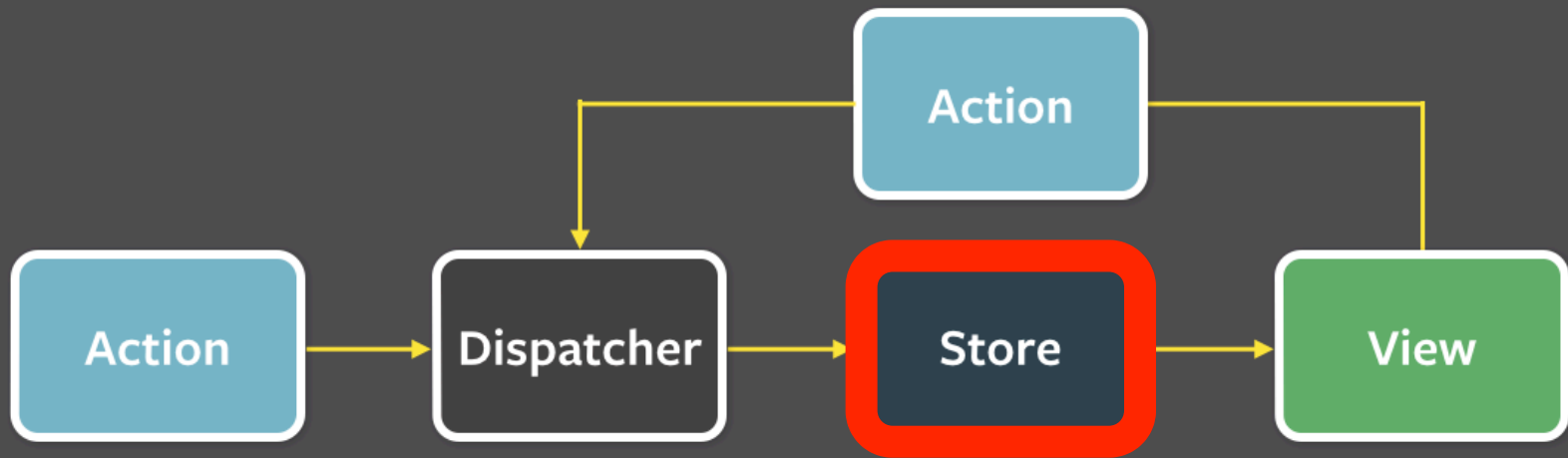
Architecture Pattern
One Way Data Binding
Framework Agnostic
Not MVC :)

What is Flux?

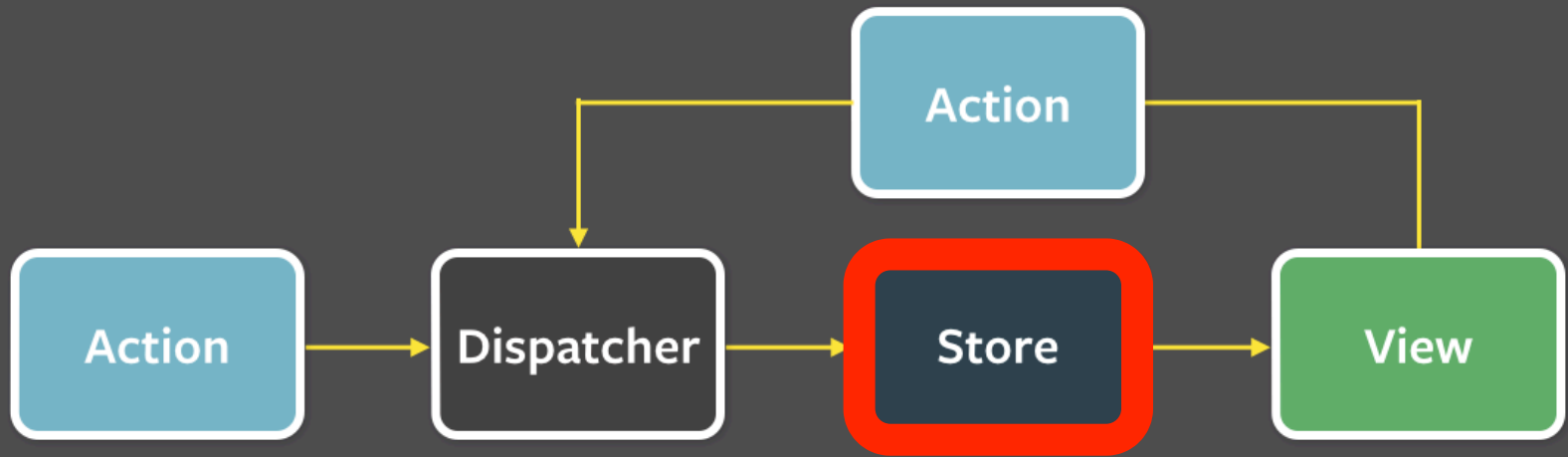




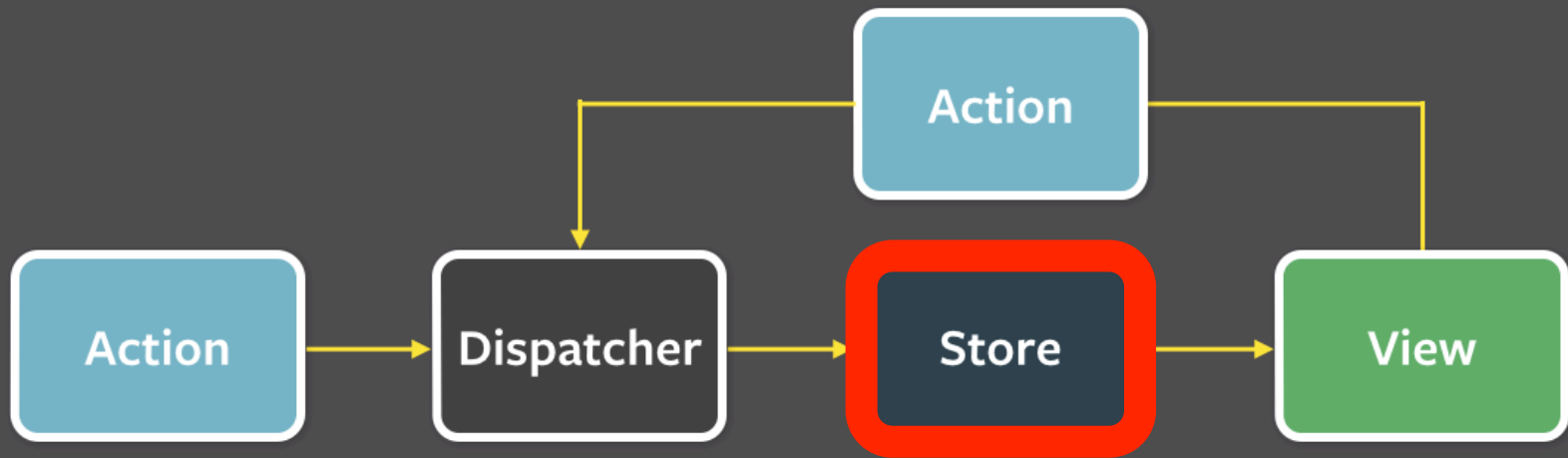
Model?



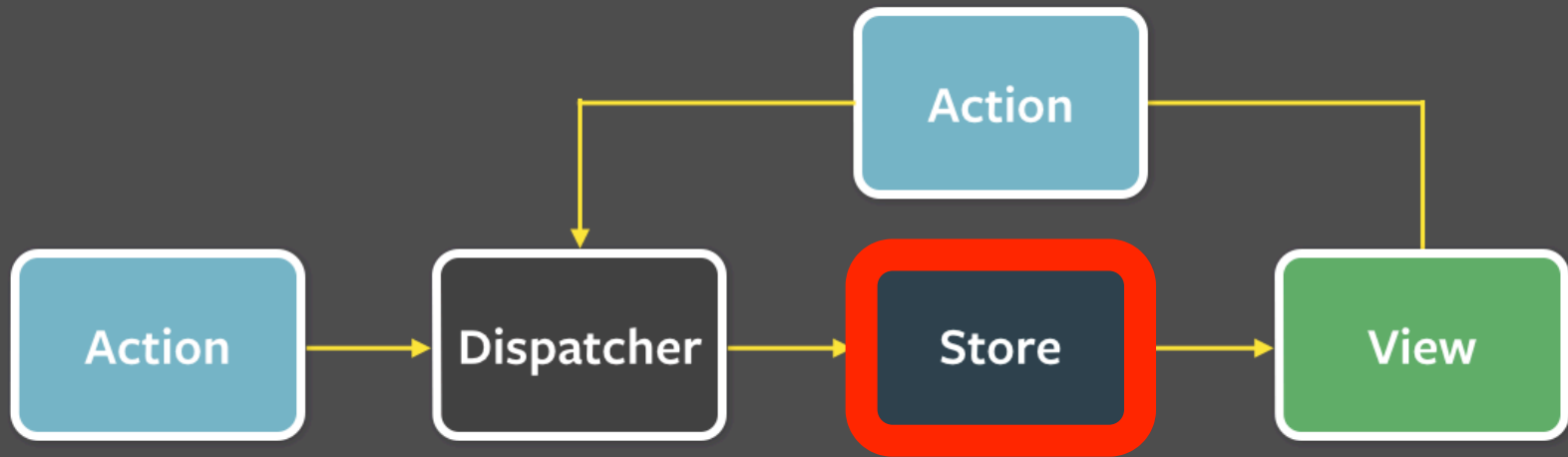
Model?



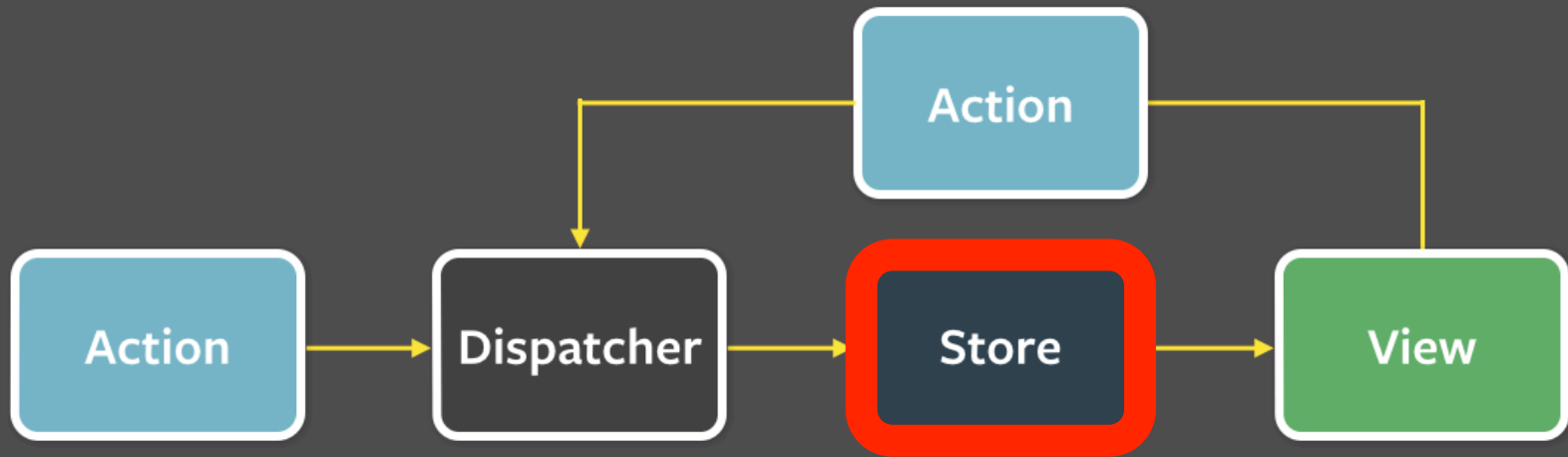
~~Model?~~
Collection?



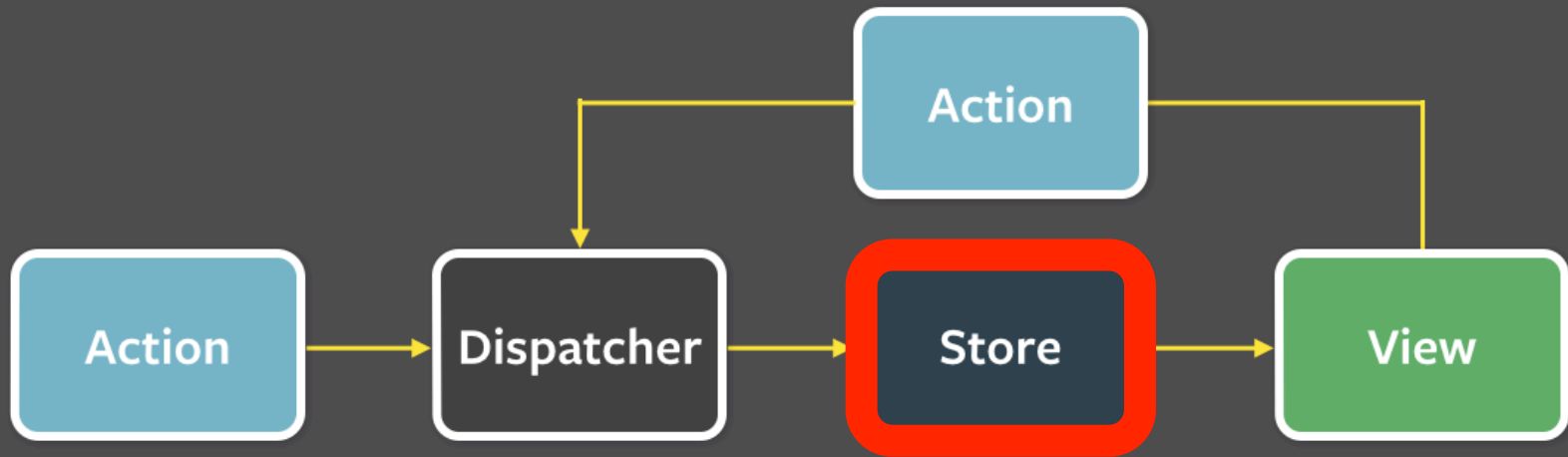
~~Model?~~
~~Collection?~~



Application **State** Container



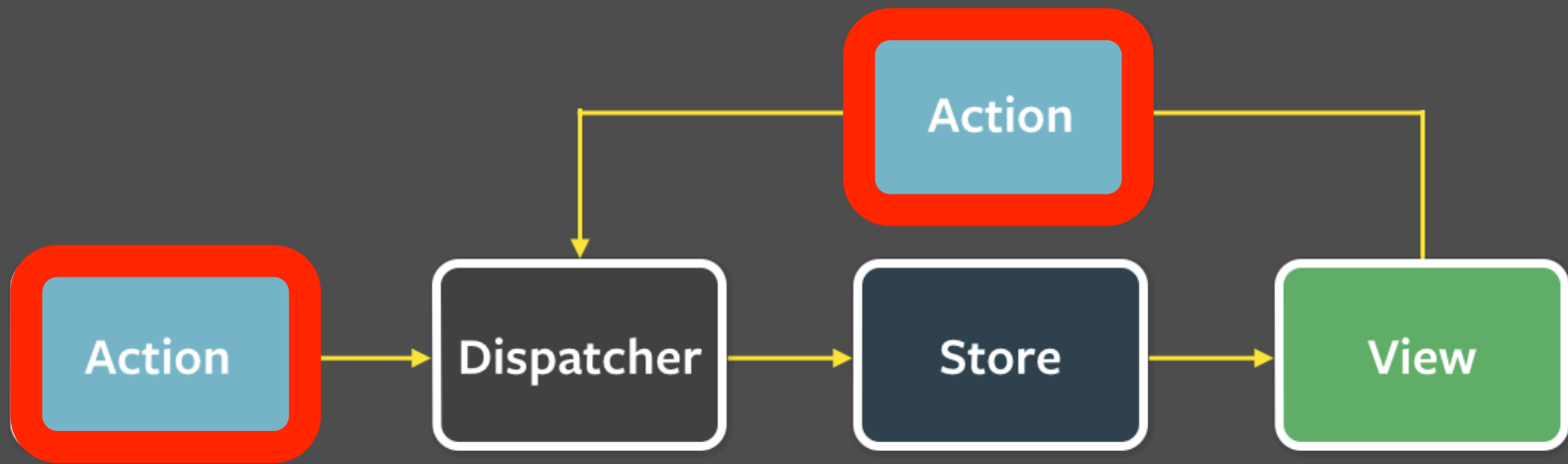
Application **State** Container
Can be used with **ORM**



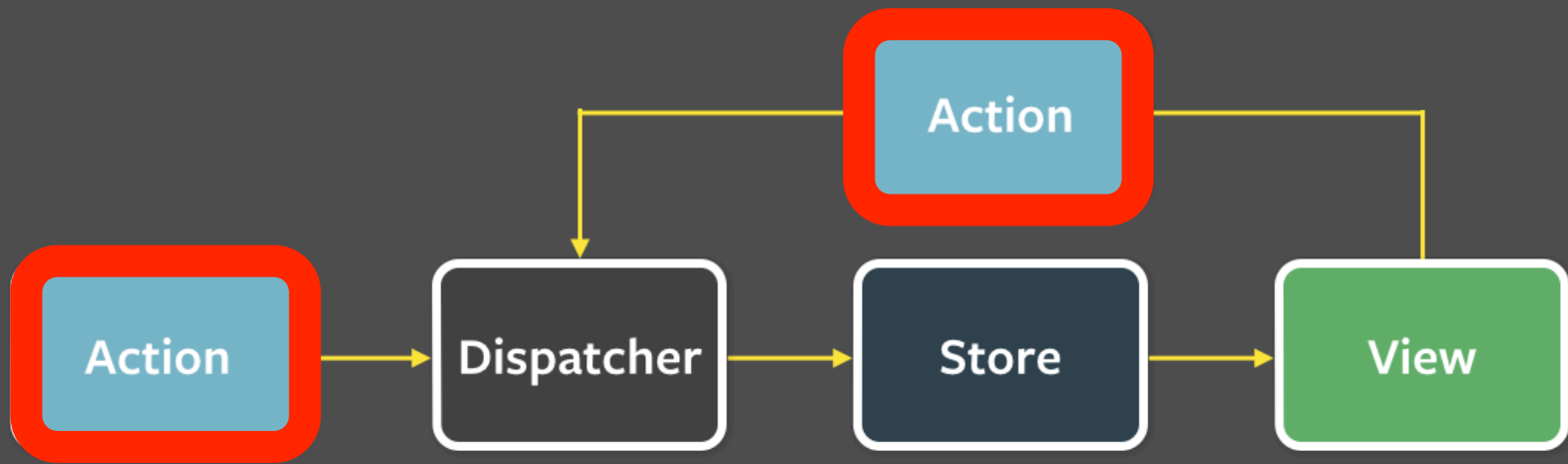
Application **State** Container

Can be used with **ORM**

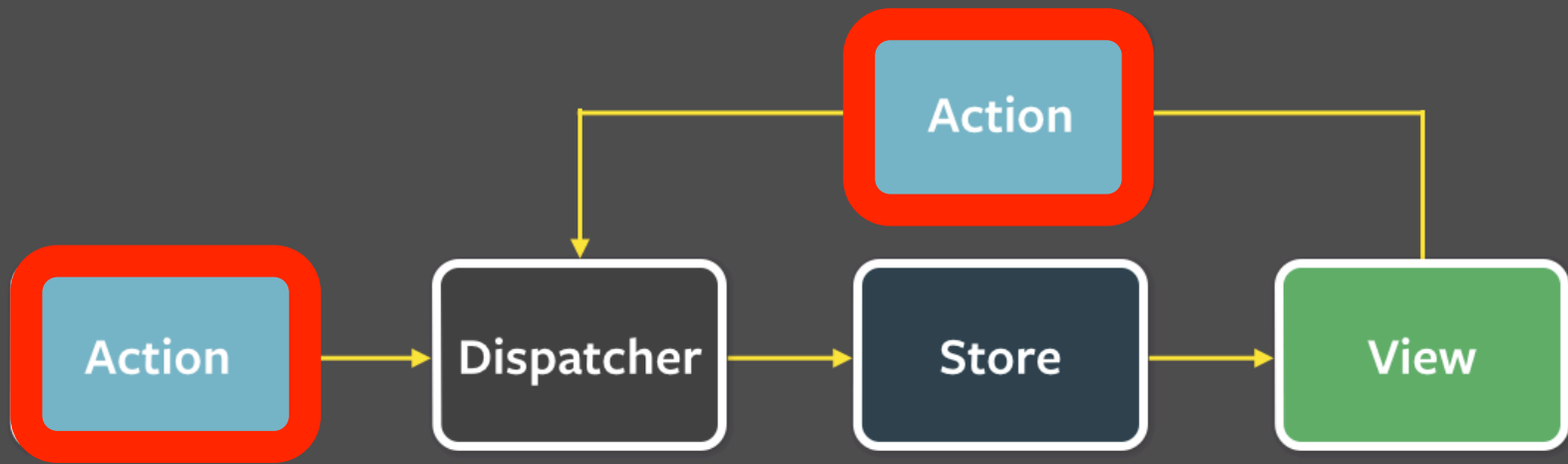
Simple JavaScript object enhanced by **EventEmitter**
or **MicroEvent**



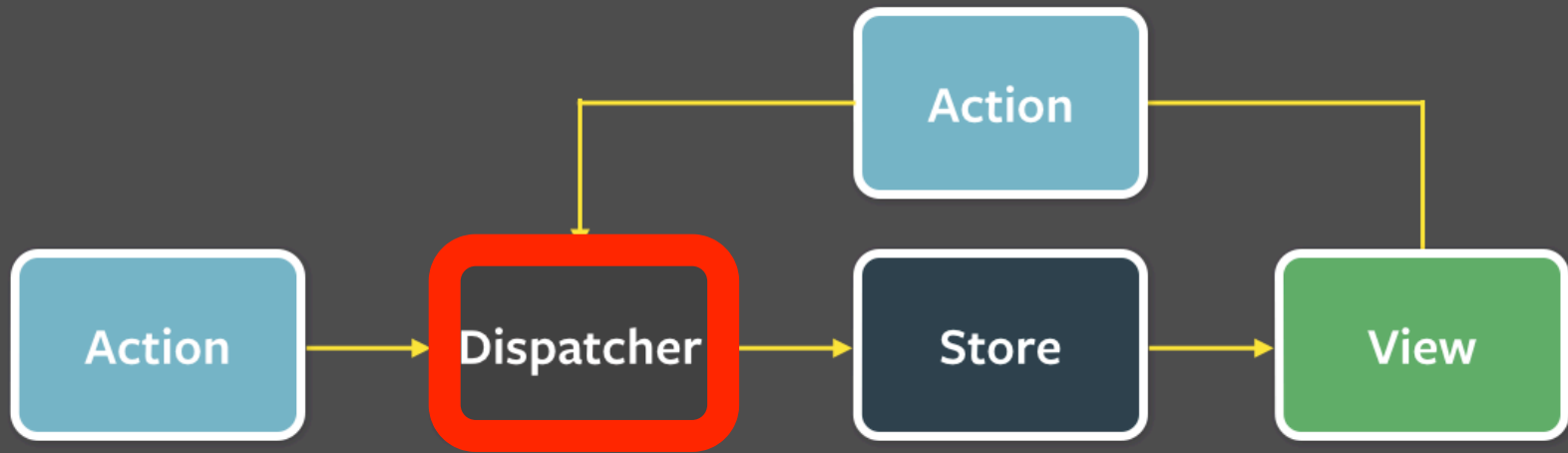
Used to invoke **Change** of state



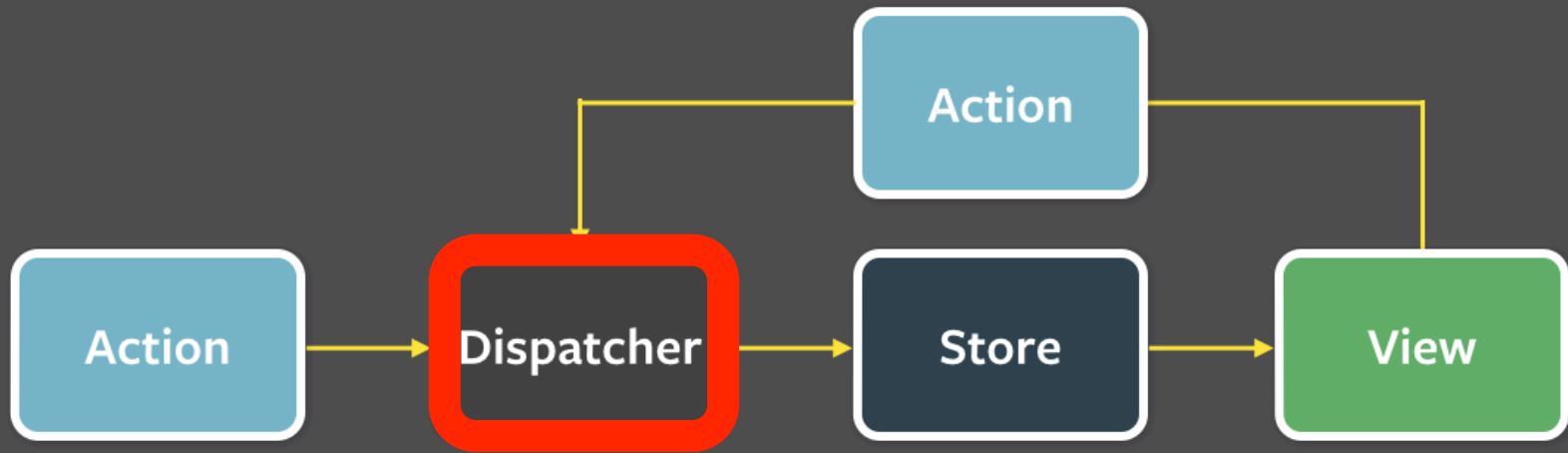
Used to invoke **Change** of state
Invoked from **Views** (Components in React)



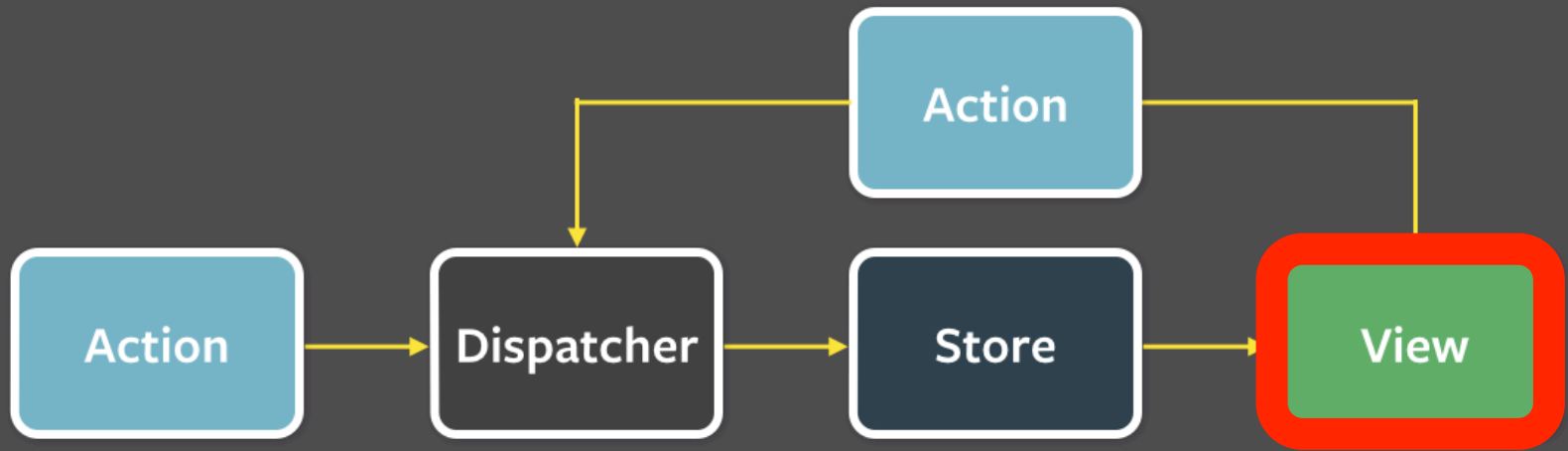
Used to invoke **Change** of state
Invoked from **Views** (Components in React)
They pass arguments (payload) to **Dispatcher**



There can be only **one!**

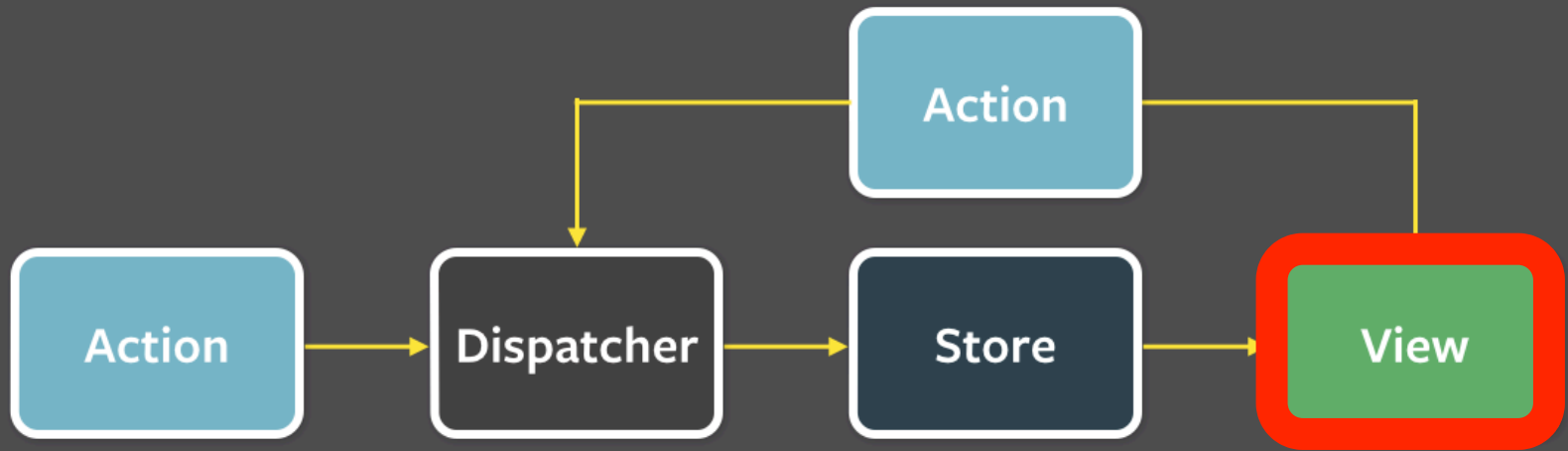


There can be only **one!**
Dispatches **Actions** to the **Store**



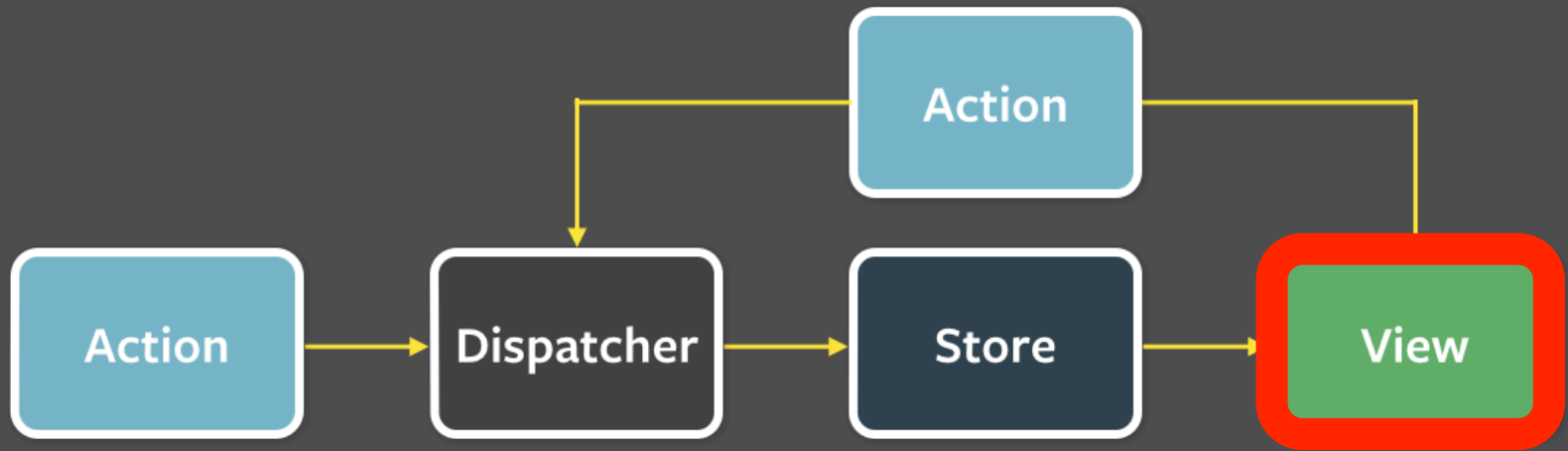
Smart Components

Aware of **Store**



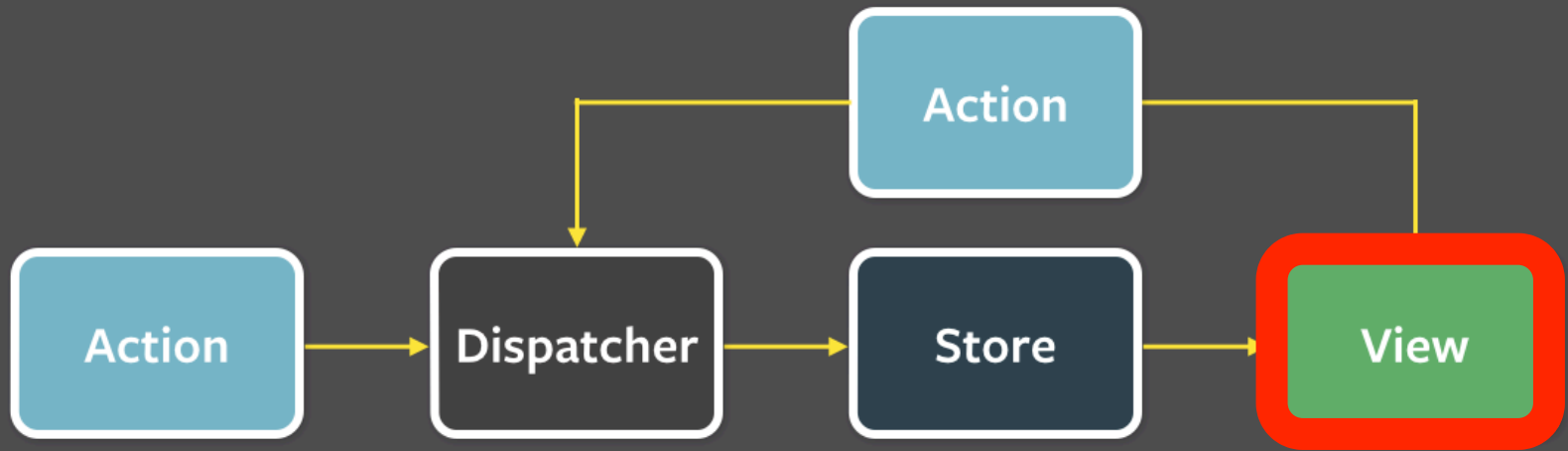
Smart Components

Aware of **Store**
Listen for **Store** change



Smart Components

Aware of **Store**
Listen for **Store** change
Data is in **State**



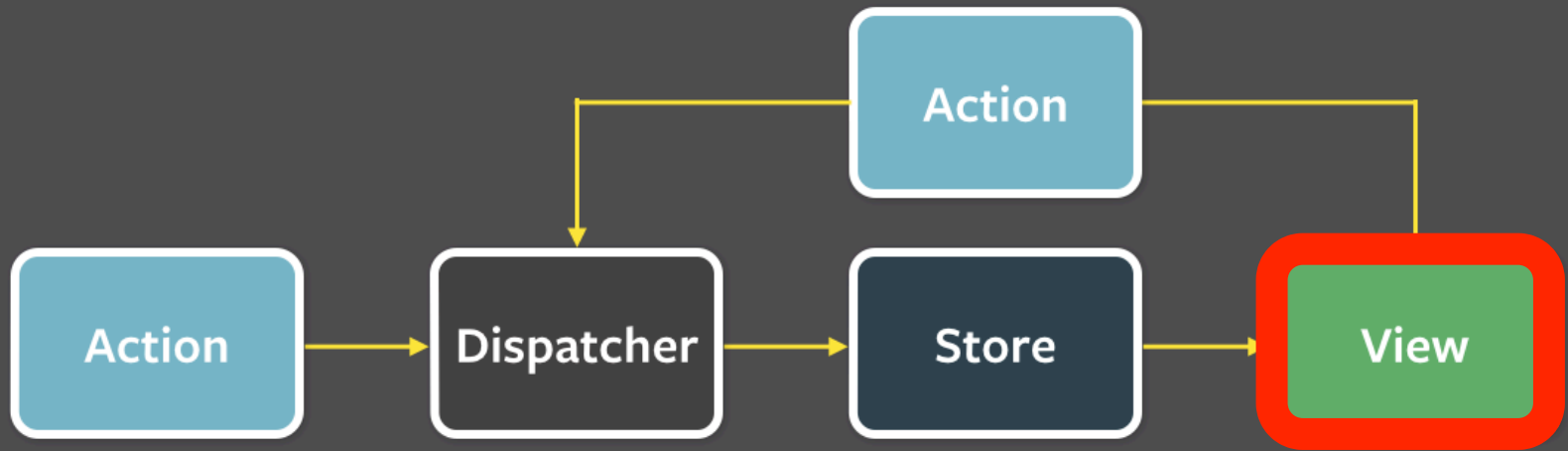
Smart Components

Aware of **Store**

Listen for **Store** change

Data is in **State**

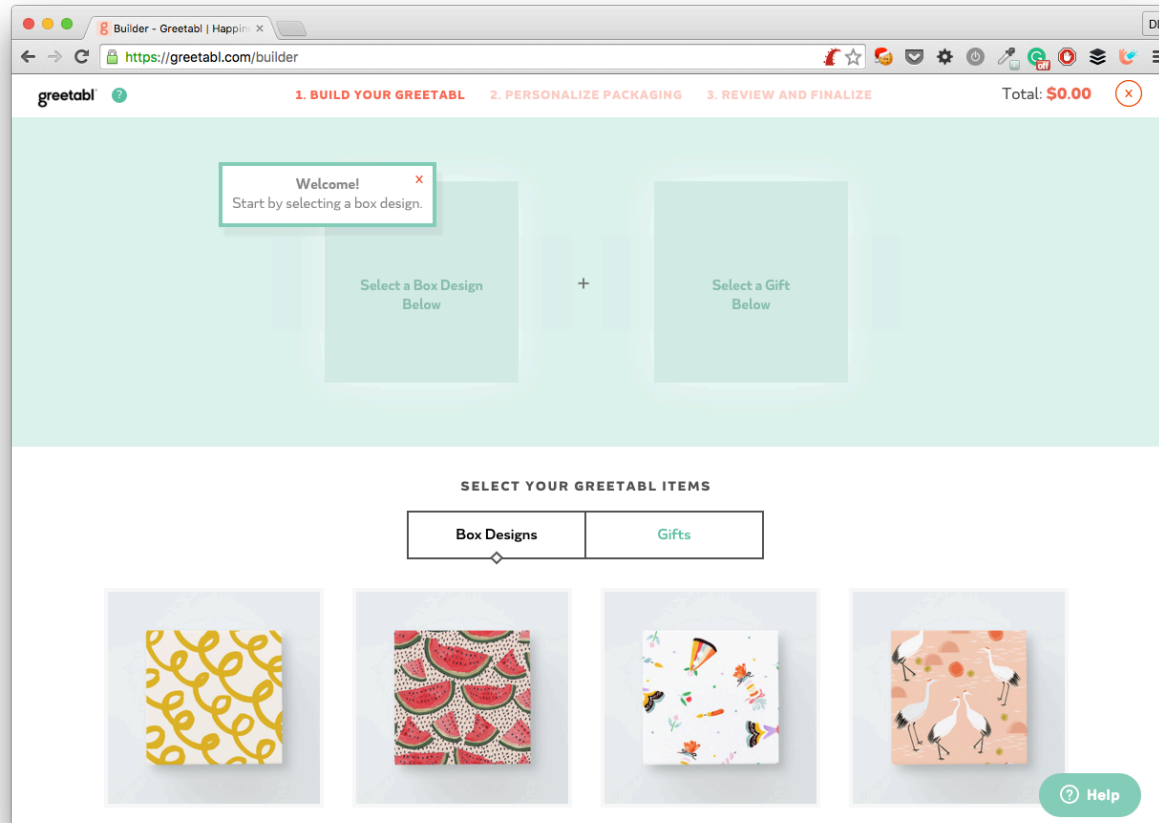
Pass data via props to Dumb Components



Dumb Components

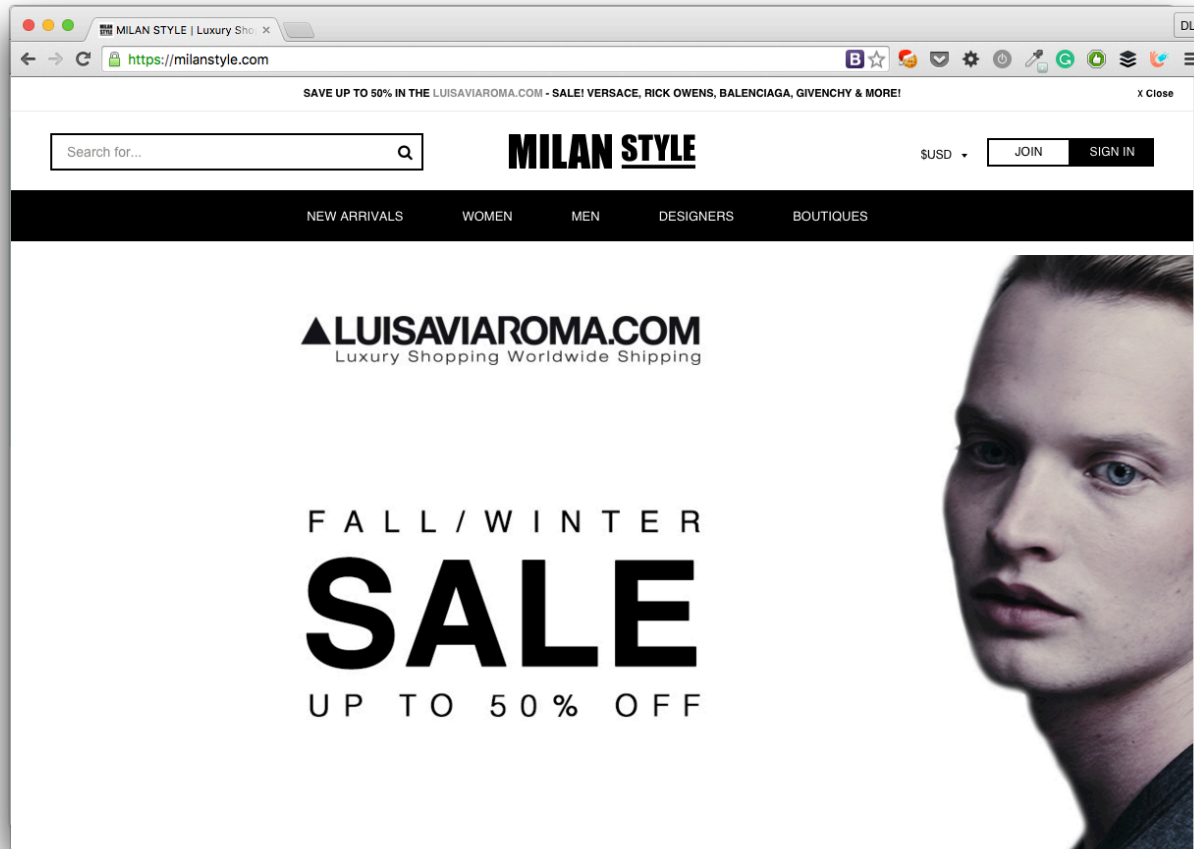
Only display data passed in **props**

Single Page App Example



<https://greetabl.com/builder>

Web App Example



<https://milanstyle.com>

When to use **Flux**?

Single Page App
Complex UI
Real World apps :)

When not to use **Flux**?

Learning React :)

Simple components enhancing static site

What is **Flux** implementation use?

Short Answer
REDUX

What is **Flux** implementation use?

Long Answer

What is **Flux** implementation use?

1. Start with official Facebook one
2. Choose between more conventional ones (Reflux, Alt) or bleeding edge Redux

Future reading List

1. <https://facebook.github.io/flux/docs/overview.html#content>
2. <http://blog.andrewray.me/flux-for-stupid-people/>

Thanks for your attention!

About us

We are your Ruby on Rails & Spree Commerce developers.

We offer eCommerce development, integration, customization, migration but also high quality Ruby on Rails application & website development services for heavy loads and demanding users.

Spark Solutions founders are both experienced web entrepreneurs.

We often assist our clients in a CTO role.

