



Storybook Driven Development

presented to you by **Kevin Jin**

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본 슬라이드는 배포용으로 제작된 pdf파일이며 실제 발표 내용과 다를 수 있음을 알려드립니다.

Seoul.js

Vue

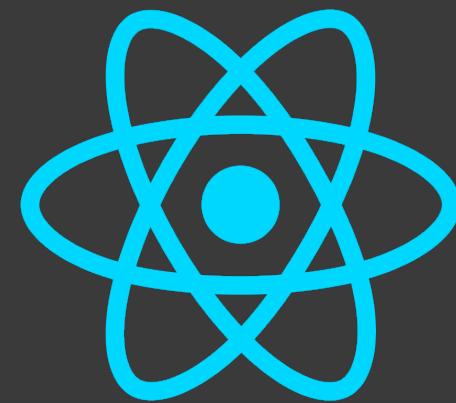
React

React



진 겸(Kevin Jin)
Foreseer co. | SW Engineer → 백수





React는 View용 Library이다

State Management

Container
Component
architecture

Mobx

Flux

State Management

ImmutableJS

Redux-thunk

Redux-Observable

RxJS

Redux-Saga

Redux

Tool

Jest

Snapshots

Flow

TypeScript

Enzyme

Testing

Mocha

What about the view?

눈에 보이는게 다가 아니다.

눈에 보이는게 다가 아니다.

눈에 보이는것도 (~~가끔 보이는게 더?~~) 중요하다

눈에 보이는게 다가 아니다.

눈에 보이는것도 (사실 보이는게 더) 중요하다

중요한 걸 눈에 잘 보이게 하면서 개발하면 더 좋지 않을까?



Storybook is a UI development environment for your UI components. With it, you can visualize different states of your UI components and develop them interactively.

**스토리북은 UI 컴포넌트를 위한 간단한
scaffolder 이자 UI 테스팅 툴이다.**

Storybook

https://lonelyplanet.github.io/backpack-ui/?knob-Next%20article=%7B"title"%3A"See%20the%20gorgeous%20street%20art%20along%20GI... ☆ :

STORYBOOK

Filter

Iconography

Accordion

Album thumbnail image

Amenities

Article author

ART AND CULTURE

New York's most iconic buildings
reimagined on deserted streets

A new exhibition in New York of the city's most "iconic" buildings shows them in a new light, with the bustle of modern life stripped out. Photographer

KNOBS ACTION LOGGER

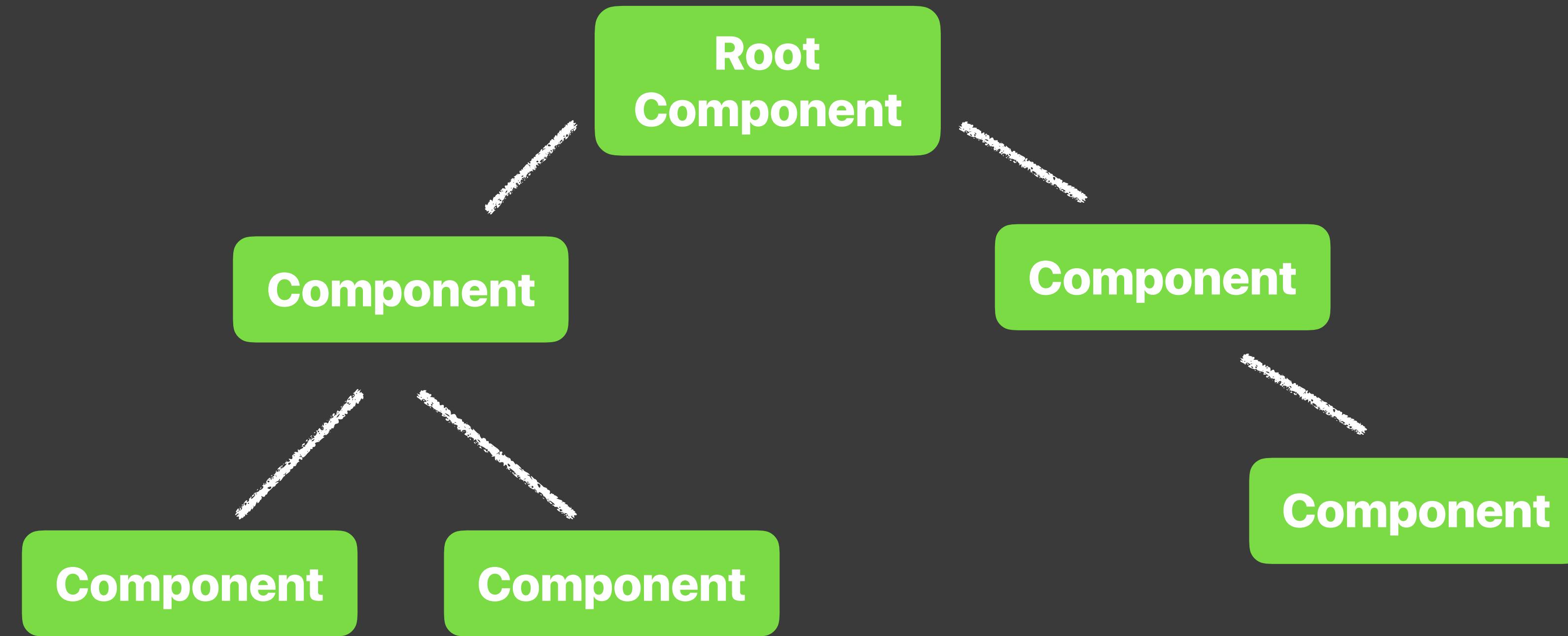
CLEAR

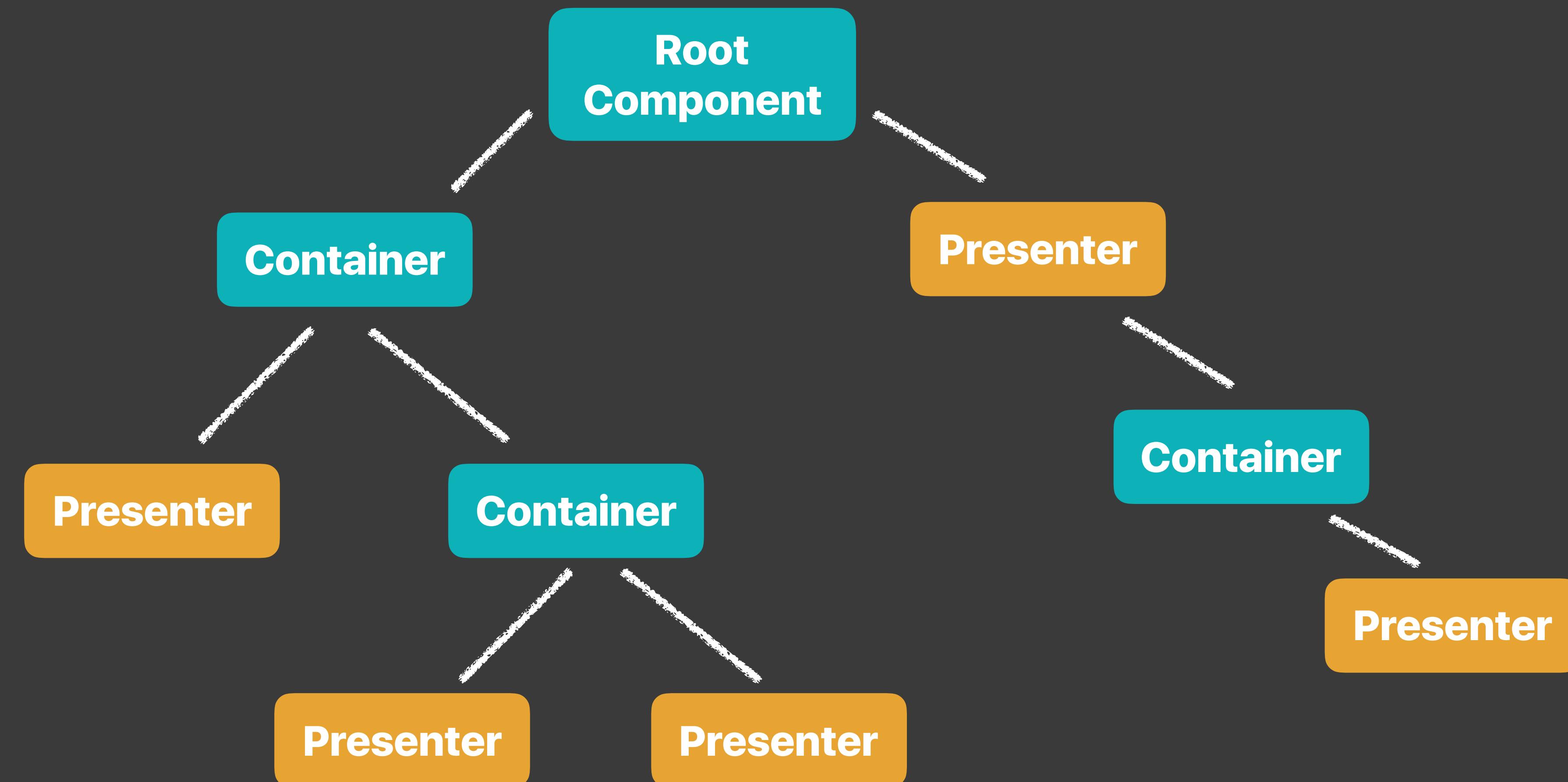
The screenshot shows a Storybook interface for a UI component named 'backpack-ui'. On the left, a sidebar lists various UI elements: 'Iconography', 'Accordion', 'Album thumbnail image', 'Amenities', 'Article author', 'ART AND CULTURE' (highlighted in blue), 'Article pagination item', 'Article pagination nav', 'Article preview' (highlighted in bold black), 'Default', 'Author', 'Author name', 'Avatar', 'Avatar marker', 'Avatar upload', and 'Bookmark button'. The main content area displays a preview of the 'Article preview' component. It features a large gray placeholder image labeled '410 x 230'. Below it, the category 'ART AND CULTURE' is shown in blue. The title 'New York's most iconic buildings reimaged on deserted streets' is displayed in large, bold, dark gray font. A portion of the article content is visible: 'A new exhibition in New York of the city's most "iconic" buildings shows them in a new light, with the bustle of modern life stripped out. Photographer'. At the bottom of the preview, there are tabs for 'KNOBS' and 'ACTION LOGGER', and a 'CLEAR' button.

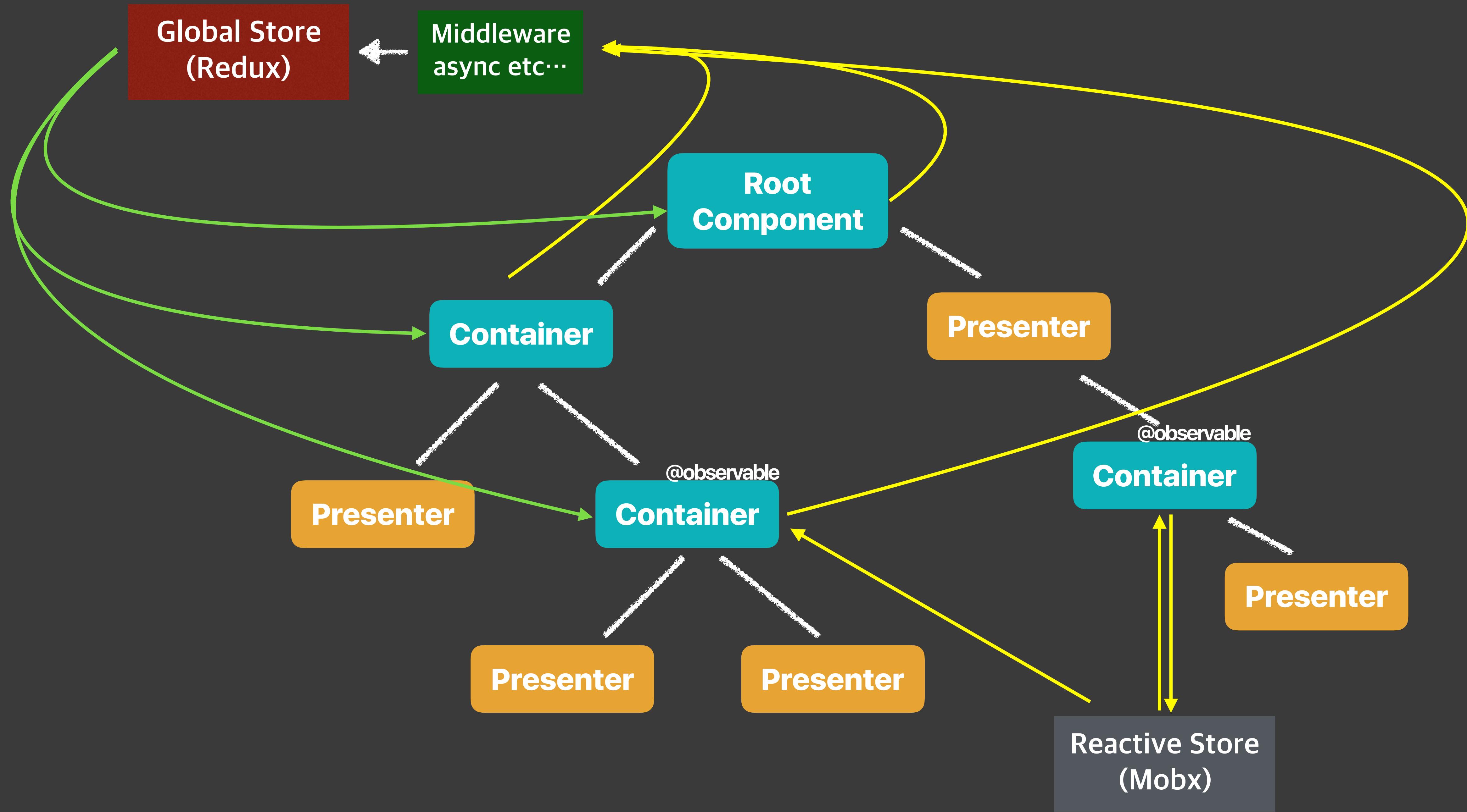
'Isolated' 된 환경

App.js

**Root
Component**



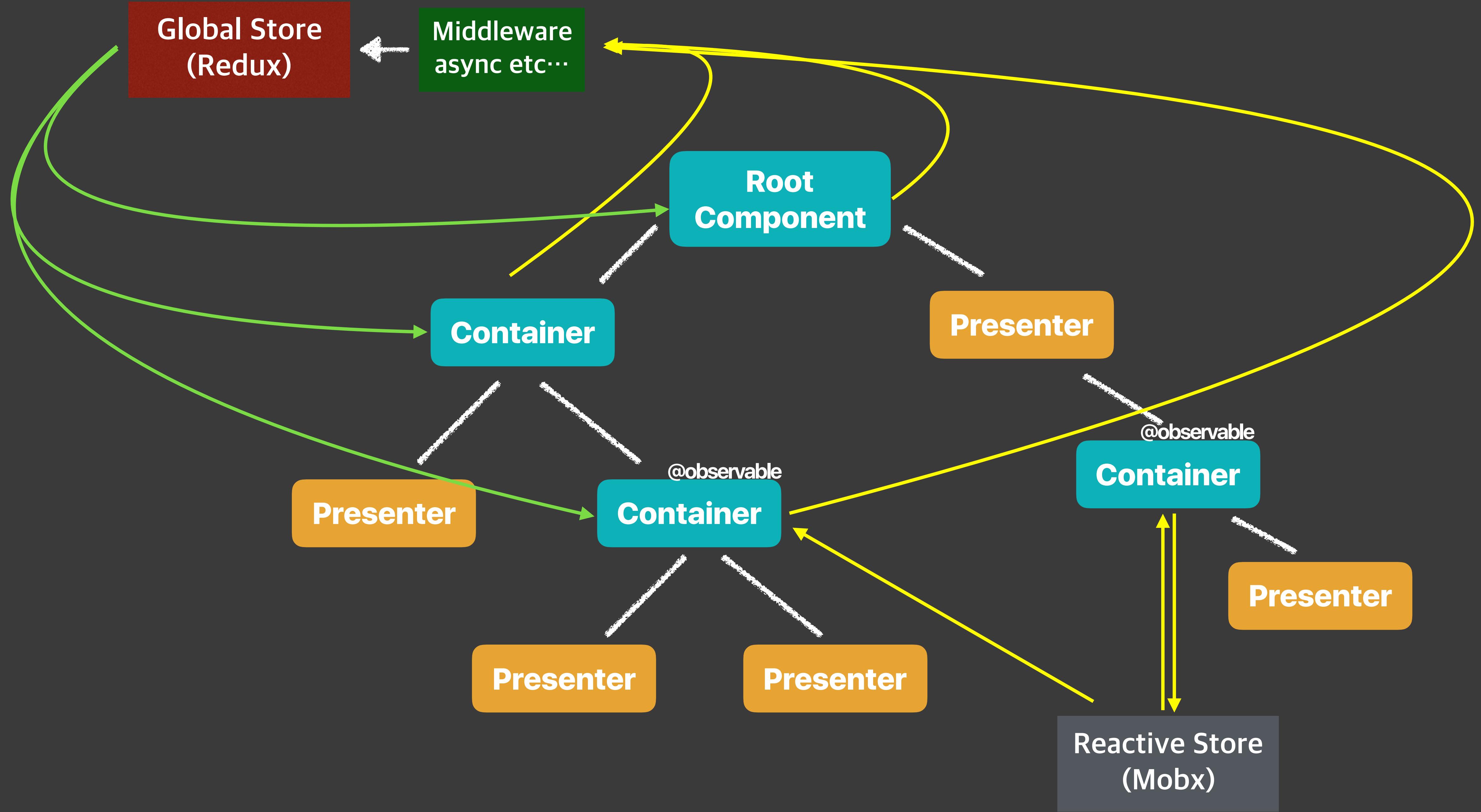




```
return (
  <div>
    <Picker
      value={selectedPost}
      onChange={this.handleChange}
      options={['hello', 'goodbye']}
    />
    <p>
      {lastUpdated &&
        <span>
          Last updated at {new Date(lastUpdated).toLocaleTimeString()}.
          {' '}
        </span>}
      {!isFetching &&
        <a href="#" onClick={this.handleRefreshClick}>
          Refresh
        </a>}
    </p>
    {isFetching && posts.length === 0 && <h2>Loading...</h2>}
    {!isFetching && posts.length === 0 && <h2>Empty.</h2>}
    {posts.length > 0 &&
      <div style={{ opacity: isFetching ? 0.5 : 1 }}>
        <Posts posts={posts} />
      </div>}
  </div>
)
```

```
return (
  <div>
    <Picker
      value={selectedPost}
      onChange={this.handleChange}
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    />
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      {lastUpdated &&
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    {posts.length > 0 &&
      <div style={{ opacity: isFetching ? 0.5 : 1 }}>
        <Posts posts={posts} />
      </div>}
  </div>
)
```

```
const PrivateRoute = ({ component, ...rest }) => (
  <Route {...rest} render={props => (
    Authstore.isAuthenticated ? (
      <Component {...props}/>
    ) : (
      <Redirect to={{
        pathname: '/login',
        state: { from: props.location }
      }}/>
    )
  )} />
)
```



Storyboard

Presenter

Presenter

Presenter

Presenter

Presenter

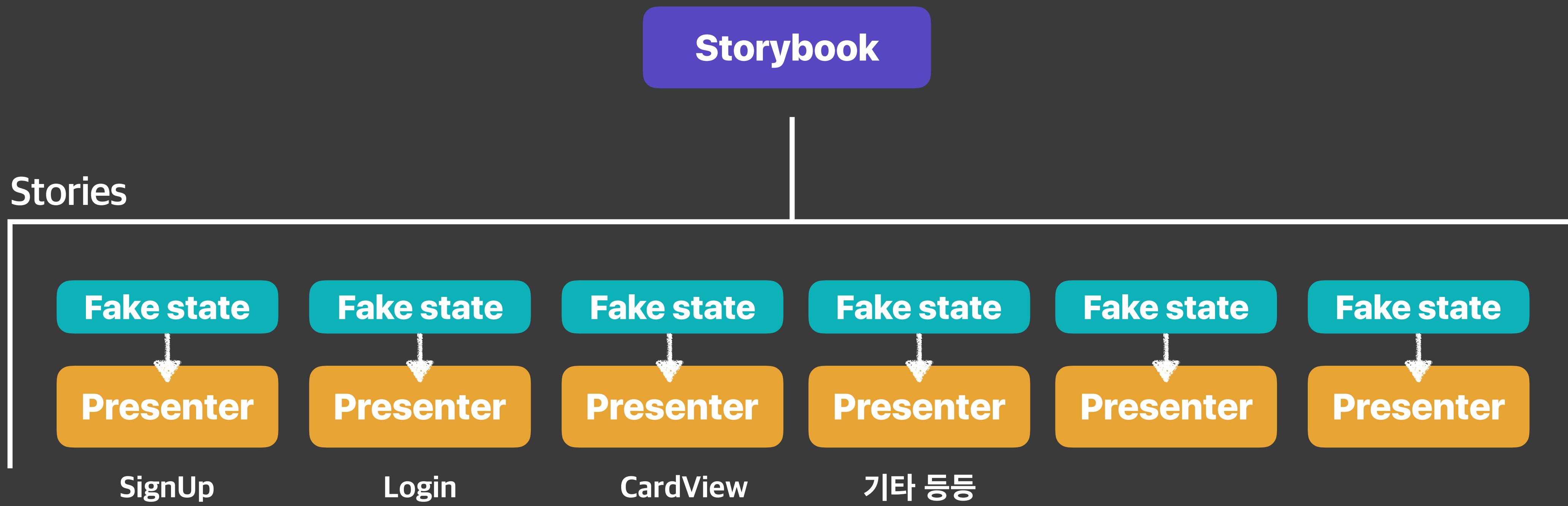
Presenter

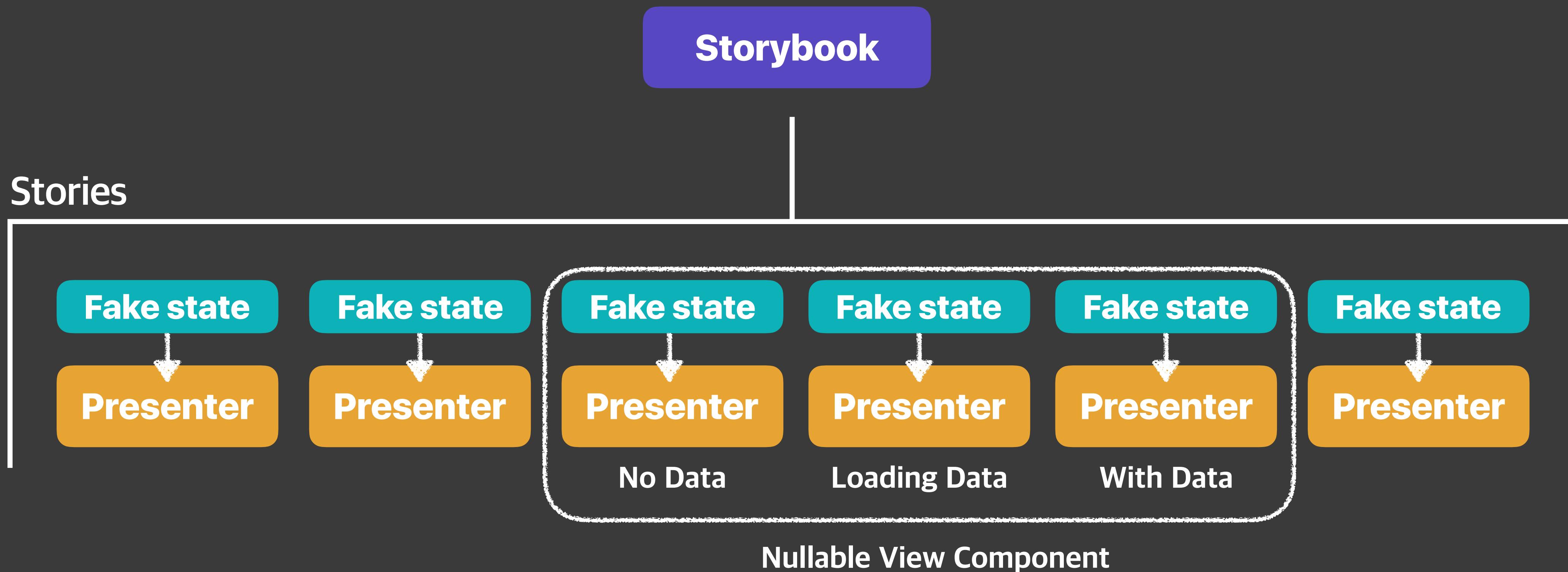
SignUp

Login

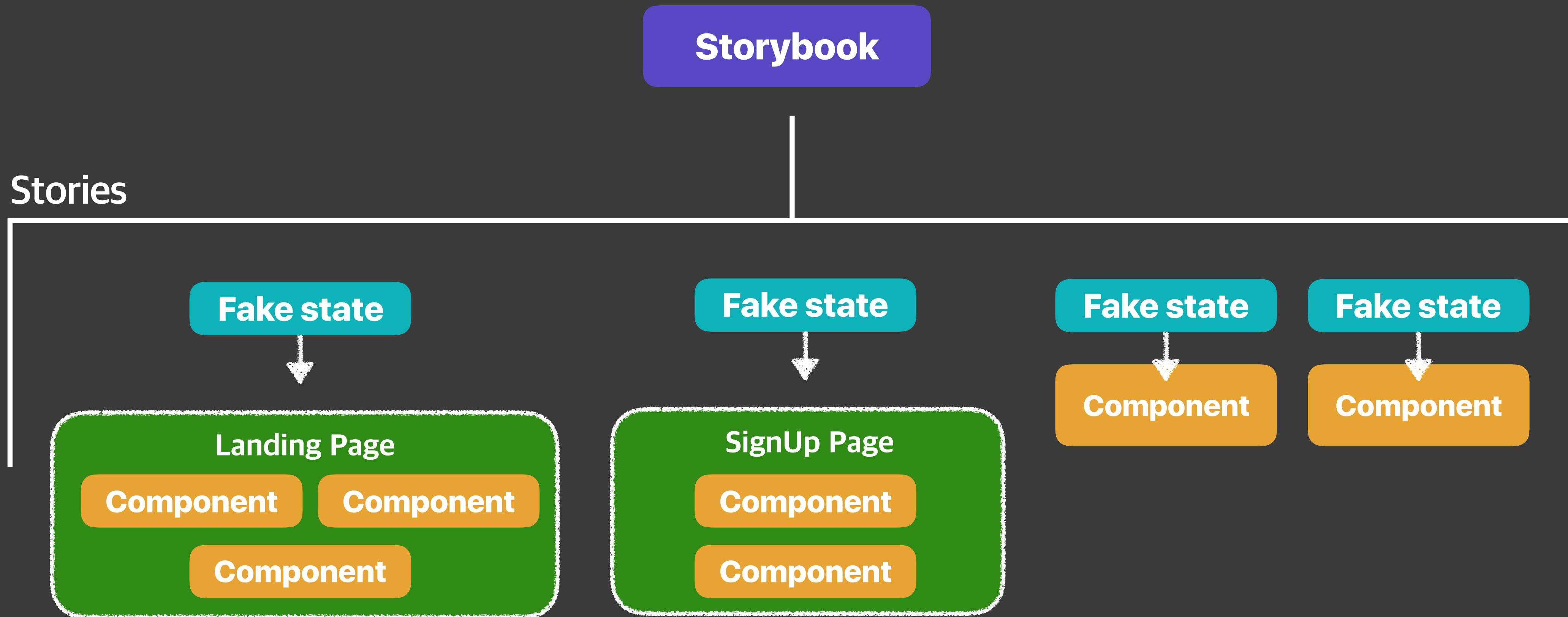
CardView

기타 등등

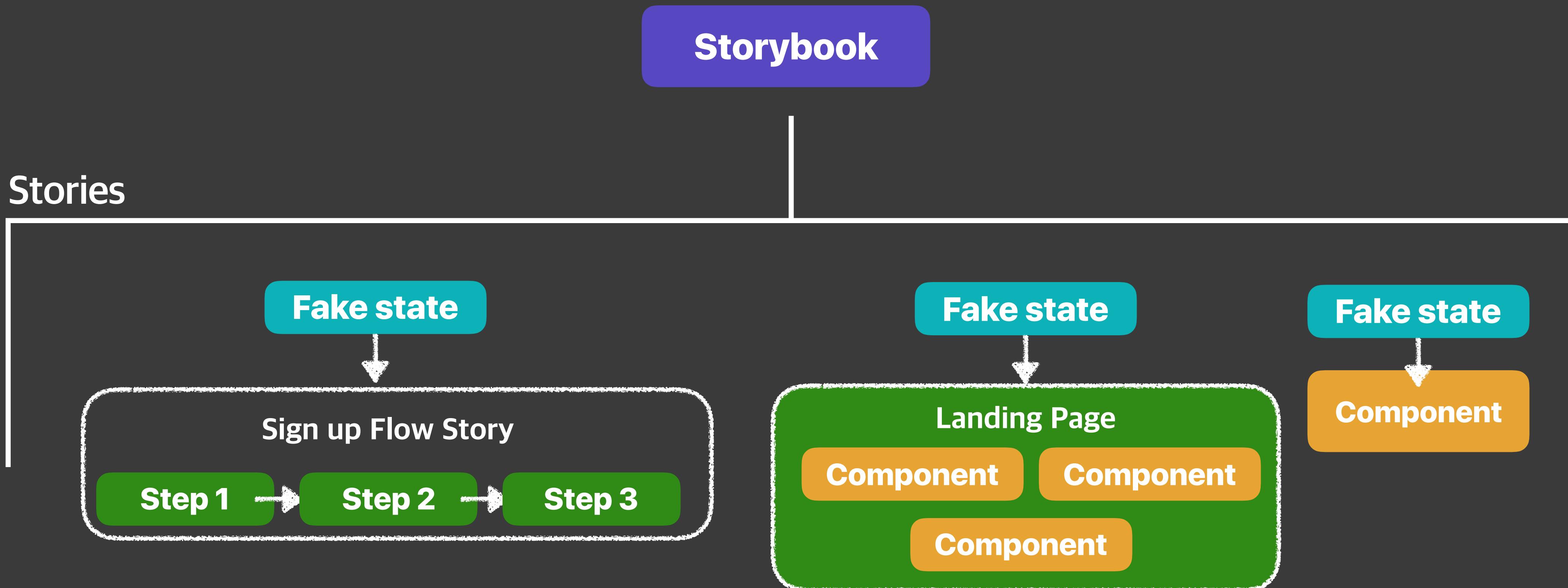




Atomic 설계



Flow 설계



Storybook Kevin

react.carbondesignsystem.com/?selectedKind=Card&selectedStory=card...

STORYBOOK Show Info

Filter

- > Accordion
- > Breadcrumb
- > Buttons
- > Card
 - card
 - card with example functions**
 - basic card
- > Checkbox
- > CodeSnippet
- > ContentSwitcher
- > CopyButton
- > DatePicker
- > DetailPageHeader
 - without tabs
 - with tabs
- > Dropdown
 - with default text
 - with item preselected

App Title 1
<http://myapp.mybluemix.net>

Running

ACTION LOGGER

6 ► onChange: [Object]
► onChange: [Object]

CLEAR

Storybook Kevin

안전하지 않음 | react.carbondesignsystem.com/?selectedKind=Form&selec... ☆

STORYBOOK

Filter

- DetailPageHeader
 - without tabs
 - with tabs
- Dropdown
 - with default text
 - with item preselected
 - disabled
 - with pre-selected value
- FileUploader
- Footer
- Form
 - Default**
 - Icon
- InteriorLeftNav
 - Default
- Link
- Lists
- Loading
- Modal

Radio Button

Standard Radio Button Default Selected Radio Button Disabled Radio Button

Search

Search Bluemix Offerings

Select

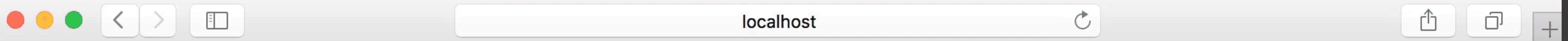
Option 3

Text Input

ACTION LOGGER

```
▶ onChange: ["default-selected", "radio-button-group", "[SyntheticEvent]"]  
▶ onChange: ["standard", "radio-button-group", "[SyntheticEvent]"]
```

CLEAR



REACT STORYBOOK ⌘

Filter

Welcome

Button

with text

with some emoji

█

ACTION LOGGER

CLEAR

Hello Button

1. Component를 isolated 된 환경에서 개발
2. 바로바로 보면서 Interactive 하게 개발
3. 컴포넌트 별 라이브러리화해서 브라우징 가능
4. 이로 인해서 React의 큰 장점인 재사용가능 컴포넌트를 만들게 해줌

Storybook

Setup

```
cd my-project-directory
yarn add global @storybook/cli
getstorybook
```

```
yarn storybook
```

스토리북은 앱 밖에서 따로 돈다

src/components/...

src/stories/WhateverStory.js

```
import React from 'react';
import { storiesOf } from '@storybook/react';
import { action } from '@storybook/addon-actions';

storiesOf('Button', module)
  .add('with text', () => (
    <button onClick={action('clicked')}>Hello Button</button>
  ))
  .add('with some emoji', () => (
    <button onClick={action('clicked')}>😊 😎 🤗 💯</button>
  ));

```

Demo & Use Cases

1. 모듈화 된 라이브러리를 만들 때
2. 그냥 앱을 만들 때

Airbnb's React-dates

Wix Style React

1. 모듈화 된 라이브러리를 만들 때
2. 그냥 앱을 만들 때



이벤트를 등록할 수 있는 작은 공간

How To develop driven by storybook

1. Make the behavior flow

- 1. Make the behavior flow**
- 2. Put components as stories**

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- 2. Put components as stories**
- 3. Embody atoms, pages, flows in stories**

- 1. Make the behavior flow**
- 2. Put components as stories**
- 3. Embody atoms, pages, flows in stories**
- 4. Happy Coding!**

Testing

TDD vs SDD

TDD

복잡한 것을 잘게 분할해서
생각할 수 있게 만들어 줌

test case를 다 짜고
코드가 통과를 시키도록 만듦

TDD

복잡한 것을 잘게 분할해서
생각할 수 있게 만들어 줌

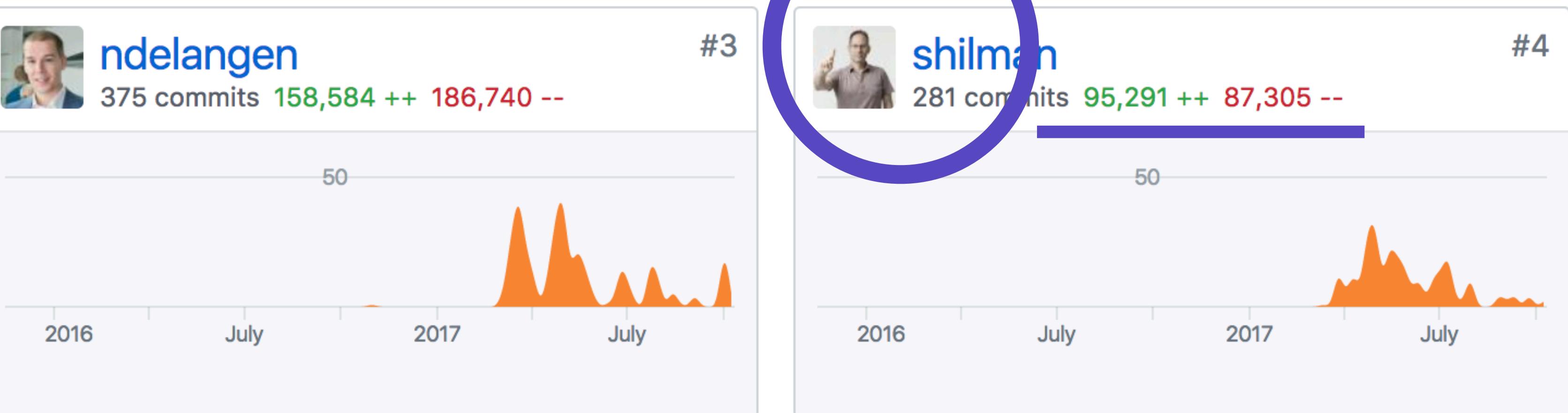
test case를 다 짜고
코드가 통과를 시키도록 만듦

SDD

복잡한 컴포넌트들을 분할해서
모듈화 해줌

Story를 다 정의하고, 그거에
맞추어 UI를 개발함

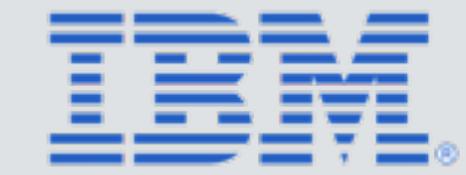
Hesitance



리얼 코어 컨트리뷰터 만나고 왔어요



De-facto standard in U.S.



... and many more!



400k+/mo



13k+ ★'s

What's Next?

Storybook as a Platform

"We're all stories, in the end."

— Steven Moffat —

"Apps are stories, in the end."
— Kevin Jin —

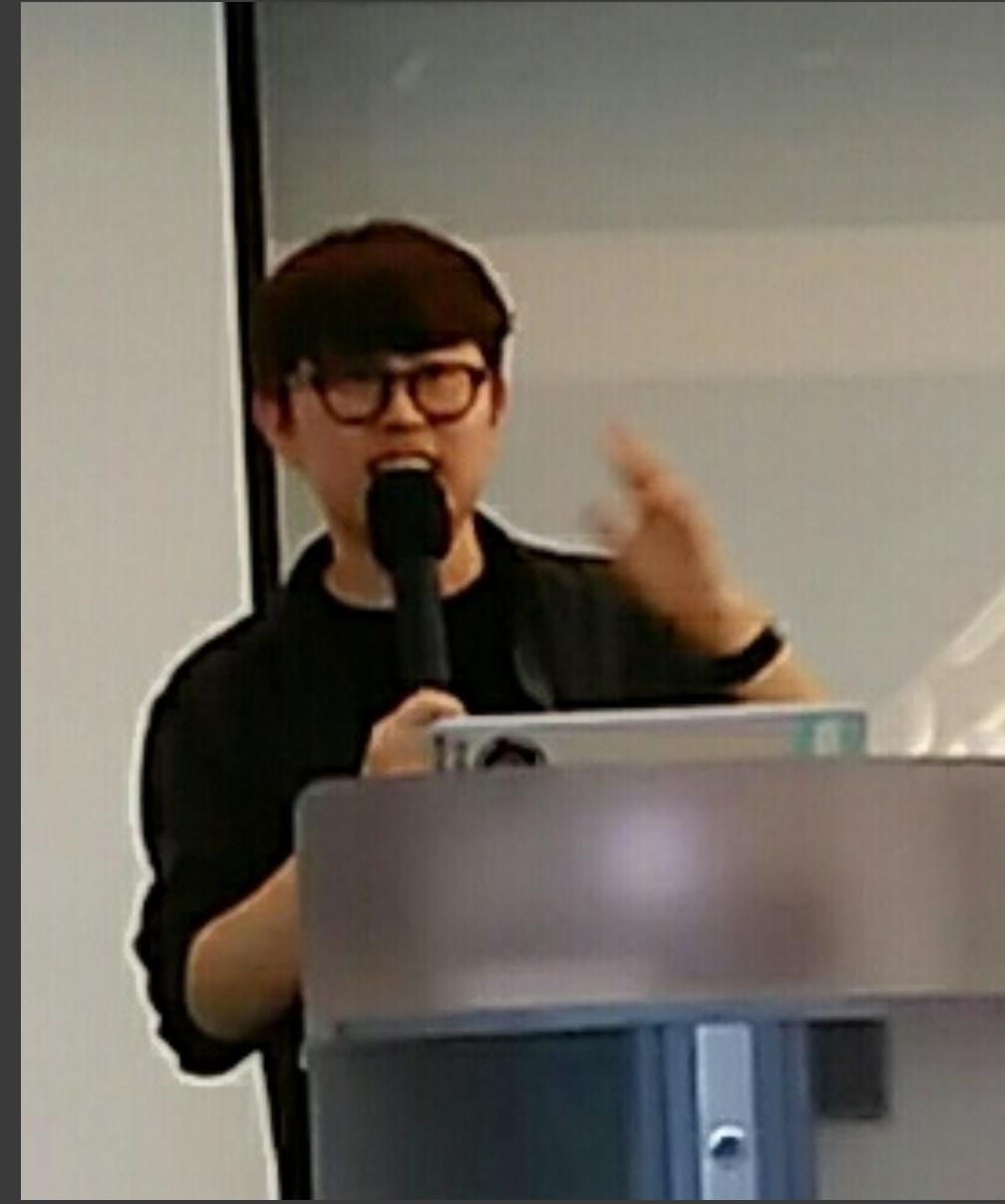


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Micheal Shilman
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Special thanks to...



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