

@Jack_Franklin



PUSHER

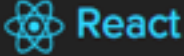
A JavaScript library for building user interfaces

Jack

← → ↻ 🏠

https://facebook.github.io/react/

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 **React**

DocsSupportDownloadBlog

GitHubReact Native

React

A JAVASCRIPT LIBRARY FOR BUILDING USER INTERFACES

Get StartedDownload React v0.14.3

JUST THE UI

Lots of people use React as the V in MVC. Since React makes no assumptions about the rest of your technology stack, it's easy to try it out on a small feature in an existing project.

VIRTUAL DOM

React abstracts away the DOM from you, giving a simpler programming model and better performance. React can also render on the server using Node, and it can power native apps using **React Native**.

DATA FLOW

React implements one-way reactive data flow which reduces boilerplate and is easier to reason about than traditional data binding.

A Simple Component

React components implement a `render()` method that takes input data and returns what to display. This example uses an XML-like syntax called JSX. Input data that is passed into the component can be accessed by `render()` via `this.props`.

JSX is optional and not required to use React. Try clicking on "Compiled JS" to see the raw JavaScript code produced by the JSX compiler.

Live JSX EditorCompiled JS

Hello John

Components

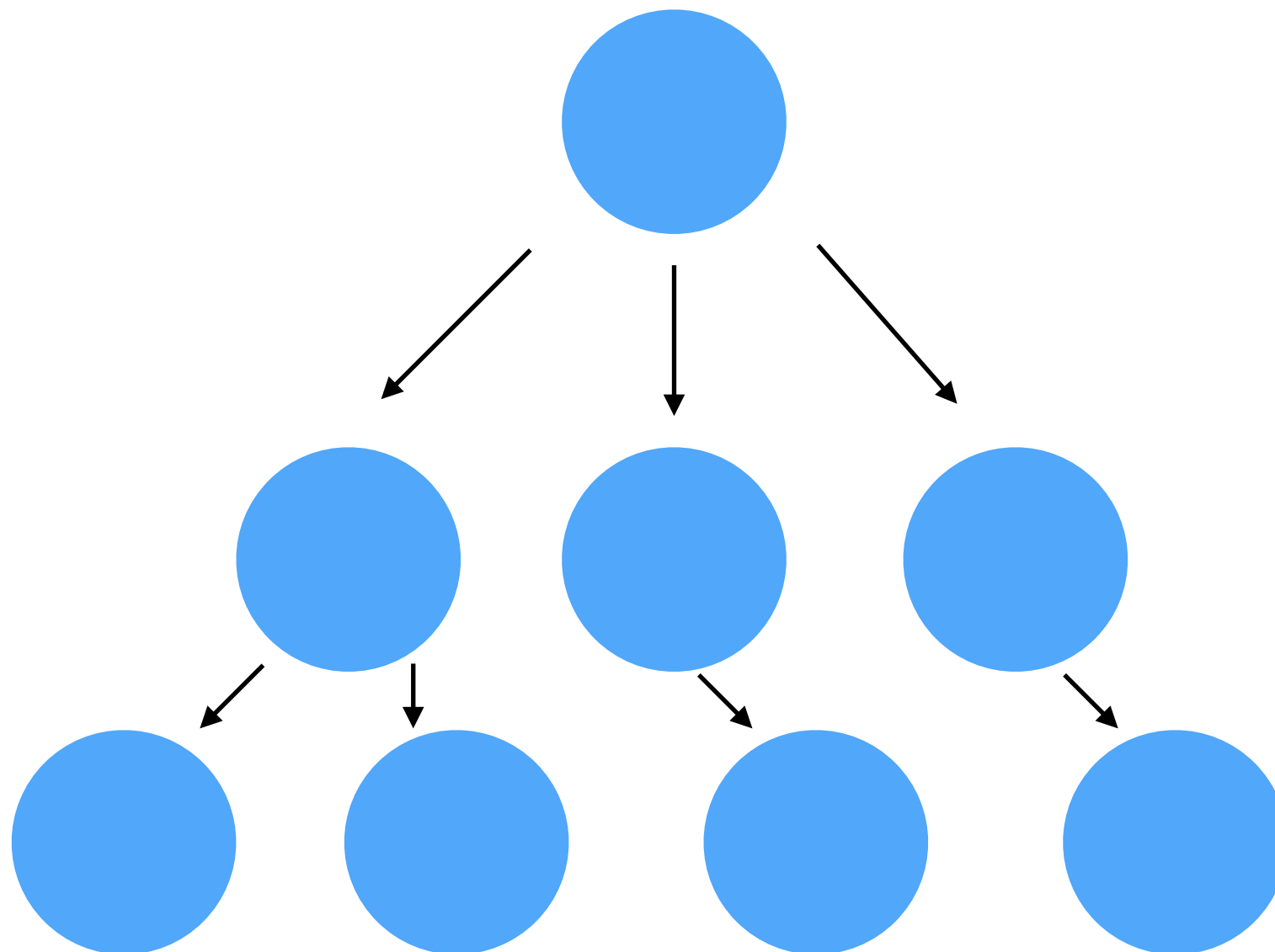
Header

Nav

News Feed

Chat
with
Alice

React Components



Facebook

https://www.facebook.com/?_rdr=p

Jack

Home

Search for people, places and things

Jack Franklin

Edit Profile

FAVOURITES

News Feed

BCSS - Bath Comp...

Messages

Events

Bath Uni Computer ...

Bath CompScis 20...

BCSS Committee ...

UK Student Compu...

UKSCS Committee

Media Exec 11/12

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Saved

APPS

Games

On This Day

Blackjack

Profile Banner

Games Feed

GROUPS

Les Arcs Skiing 2015

DevEvangelists

New Groups

Create group

FRIENDS

Close Friends

Update Status

Add Photos/Video

Create Photo Album

What's on your mind?

Friends

Post

James Jackson at Jamaica Inn.

29 mins · Launceston ·

Four day stay coming to an end. It's been over a year since I last made it down to visit my Dad's business, the beautiful Jamaica Inn.

Although glued to my laptop the whole time it's been awesome to table hop here and sneak an hour or two in the evenings for dinner & a chat with my Dad & Richard who I see far too little off!



Like

Comment

Share

You, Yoshio Takeuchi and 4 others like this.

Write a comment...

Keith Edwards shared AdMe.ru's photo.

4 events this week

TRENDING

London Underground: Muslim Man Reportedly Forced Off Train After Complaint of 'Suspicious' iPad Use

Kanye West: Singer's March Lecture at Oxford University Released Online

Liverpool Street Station: Terminal Redepens After Suspected Terror Threat Turns Out to Be False Alarm

See more

SUGGESTED GROUPS

Bath Snowsport's Best Lookalikes

8 friends · 94 members

Join

Dark Sphere Warhammer 40,000: Conquest

2 friends · 57 members

Join

See All

FRIEND REQUESTS

Sarah Forster

Zoe Hollingum is a mutual friend.

Confirm friend

Amelia Munsey shared a link.

Katrina Kelly likes Kara Leigh Ford Ceramics's photo.

Djamila Grace Bousksou likes Amelia Fleur Moss's photo.

Olivia French likes Emma Smith's post.

Grant Heywood

2m

Hannah Thompson

12h

Katie Raettig

Isaac Seymour

3m

James Dowdall

24m

Dan Pope

51m

Will Luscombe

Lesley Warren

Ollie Jennings

15h

Lisa Wong

12h

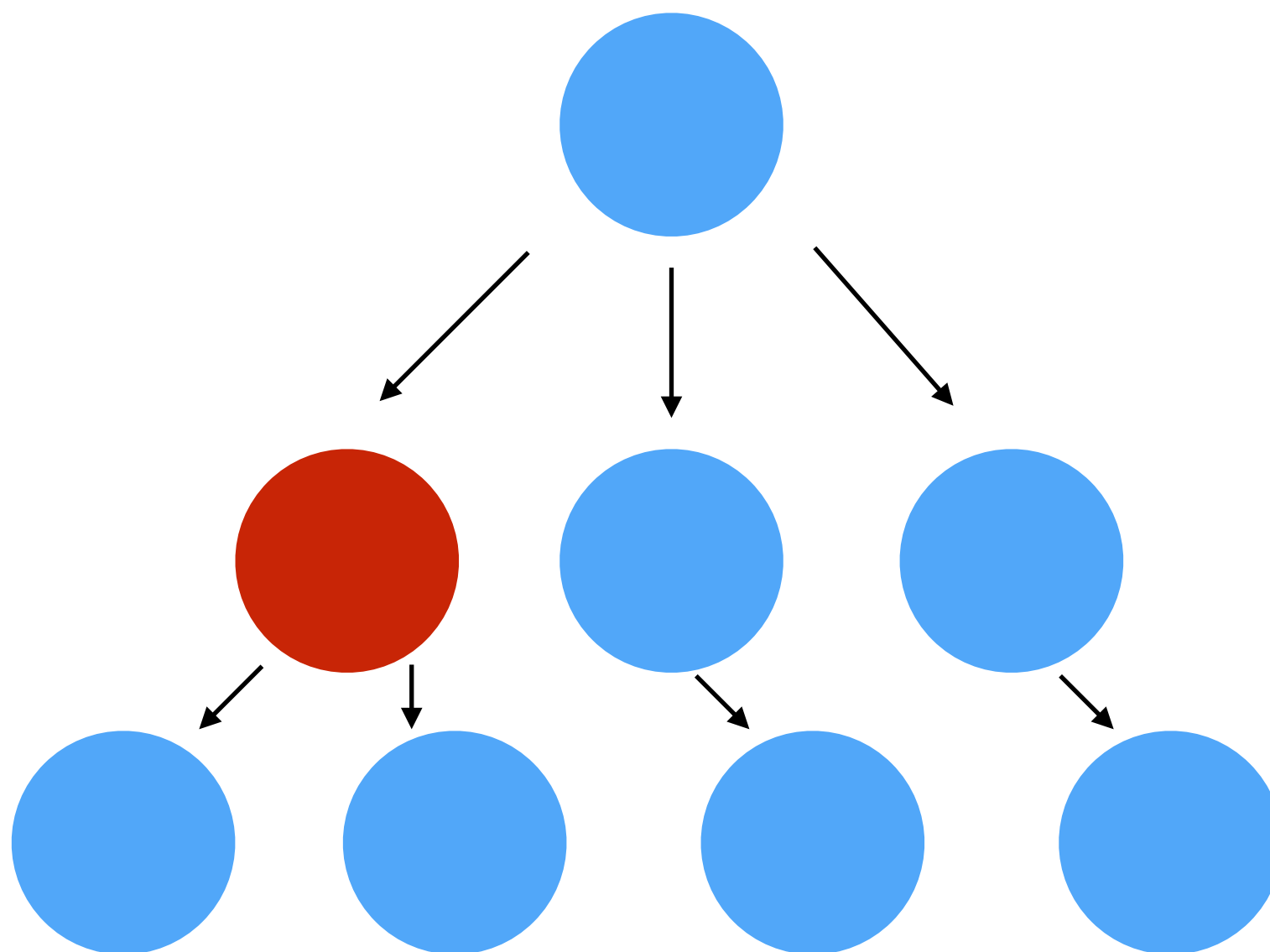
James Cunningham

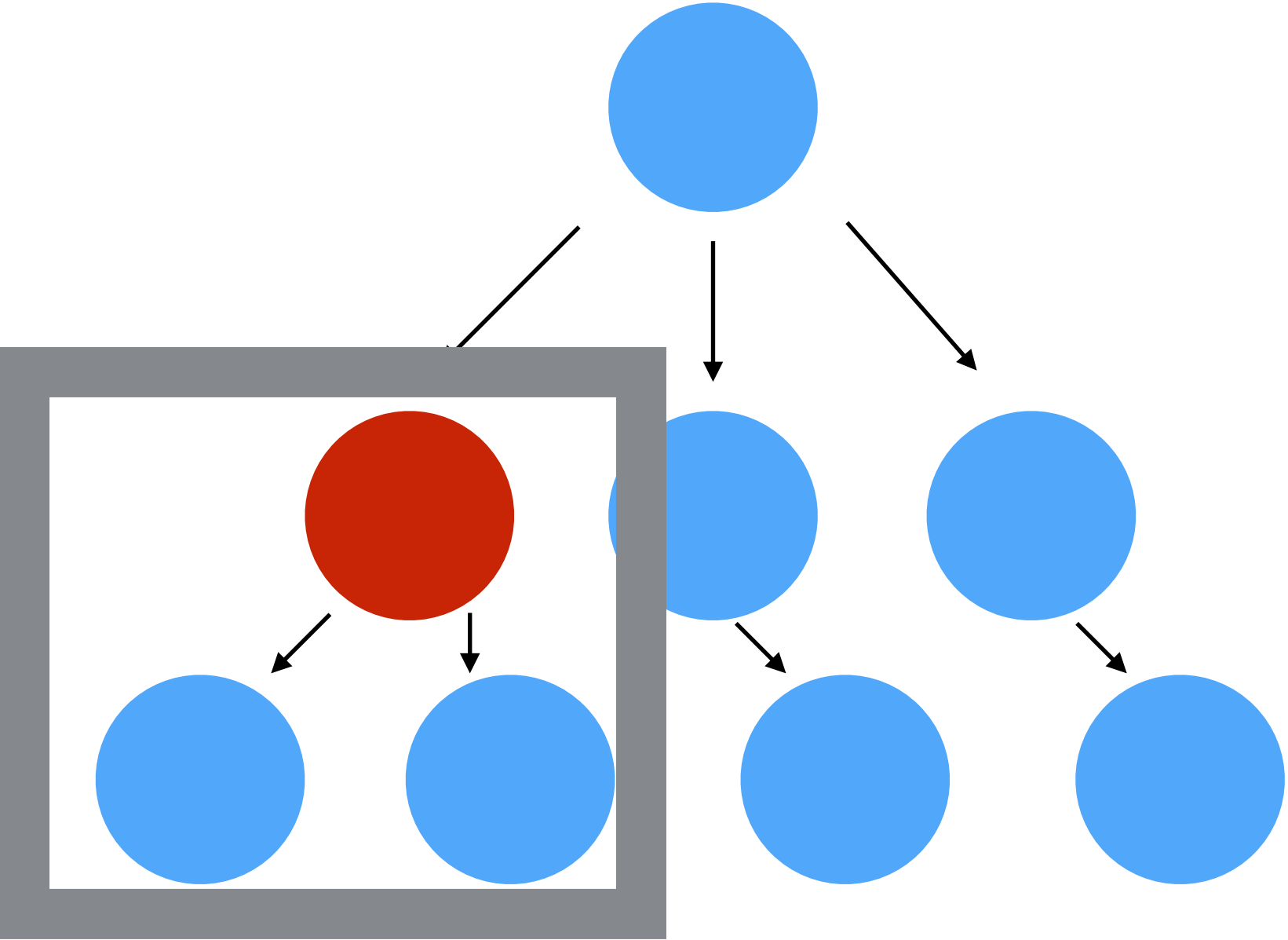
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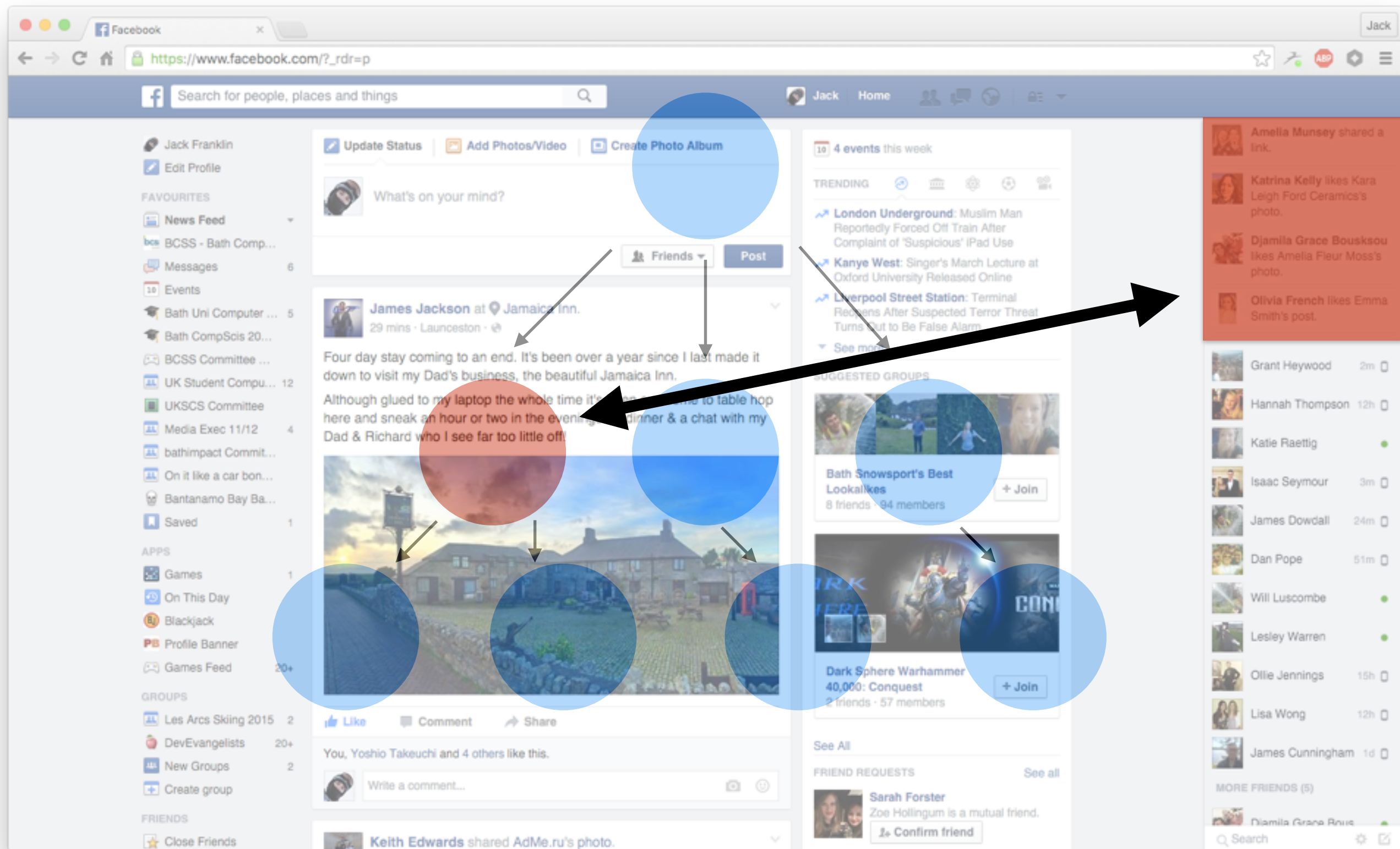
MORE FRIENDS (5)

Diamila Grace Bousksou

Search



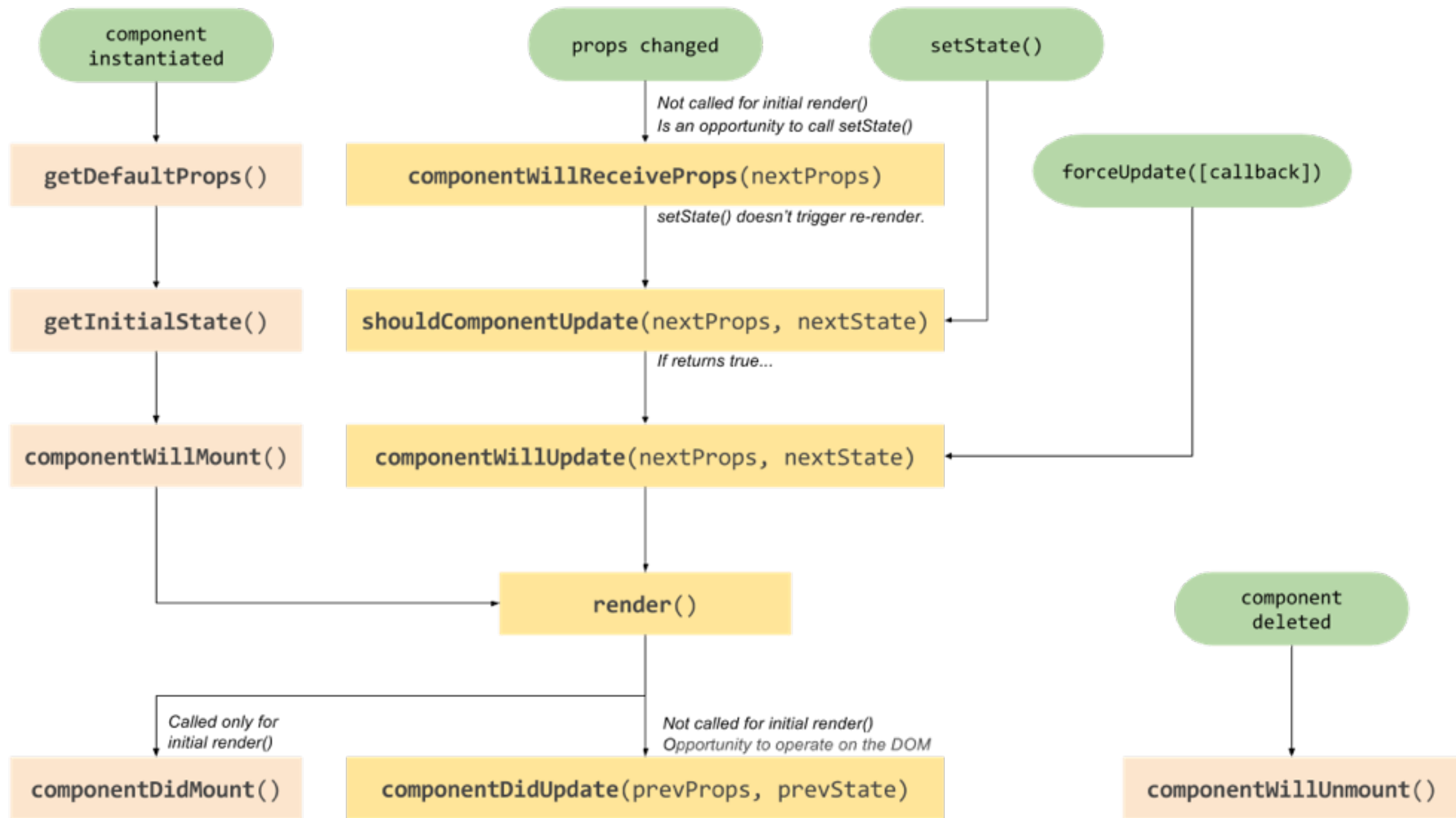




virtual dom

<https://facebook.github.io/react/docs/reconciliation.html>

lifecycle



[https://docs.google.com/drawings/
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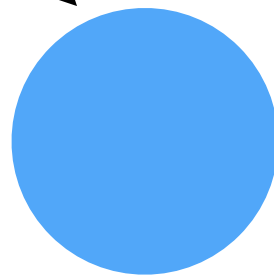
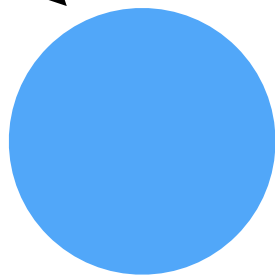
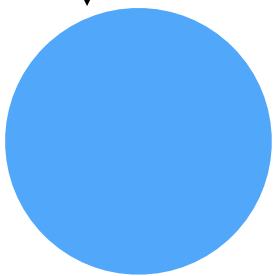
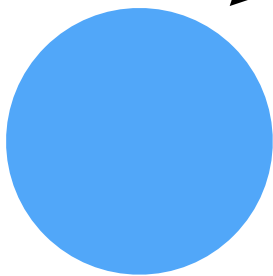
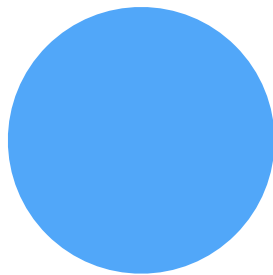
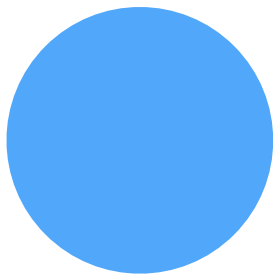
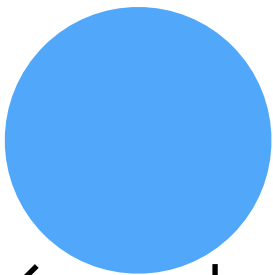
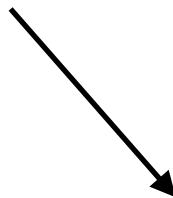
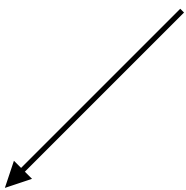
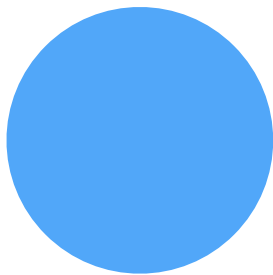
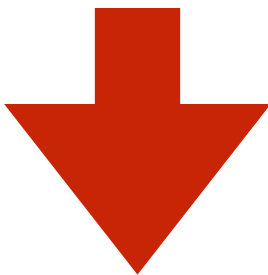
[https://facebook.github.io/
react/docs/thinking-in-
react.html](https://facebook.github.io/react/docs/thinking-in-react.html)

Large applications

<http://redux.js.org/>

As the requirements for JavaScript single-page applications have become increasingly complicated, our code must manage more state than ever before

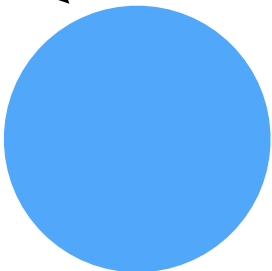
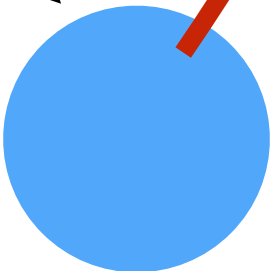
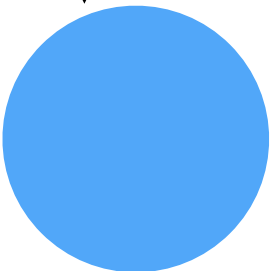
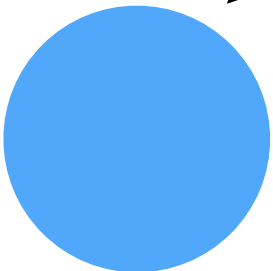
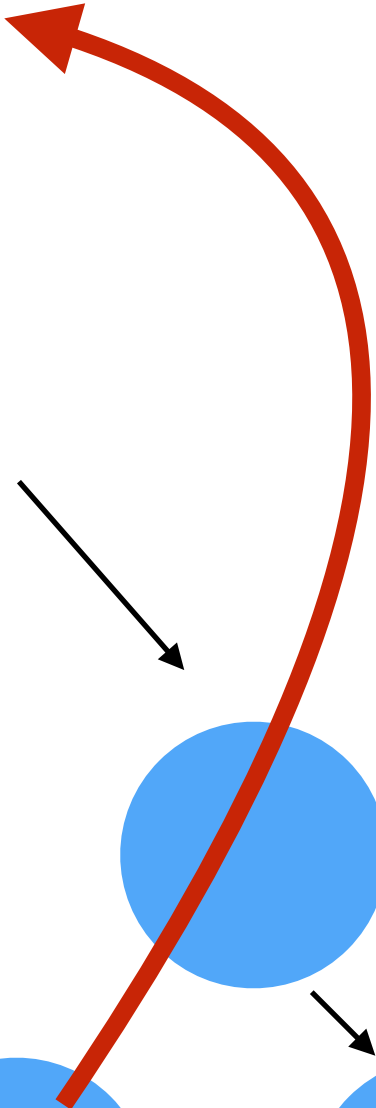
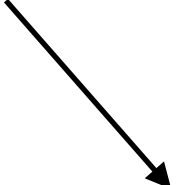
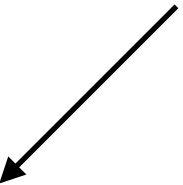
STATE



STATE



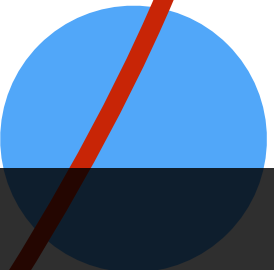
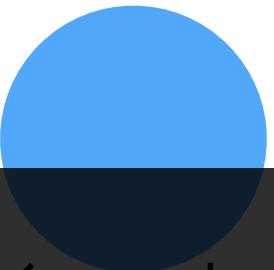
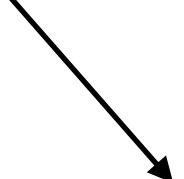
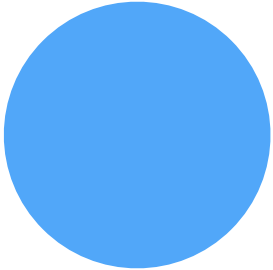
STORE



STATE



STORE



Uni-directional data flow

