

# **Introducción al frontend moderno con React**

# Recap





# React

The library for web and native user interfaces

# Links

[github.com/Curies-Community/IntroReact2024](https://github.com/Curies-Community/IntroReact2024)



**React fully  
embraces  
JavaScript**

**<https://gist.githubusercontent.com/gaearon/0275b1e1518599bbeafcde4722e79ed1/raw/db72dcbf3384ee1708c4a07d3be79860db04bff0/example.html>**

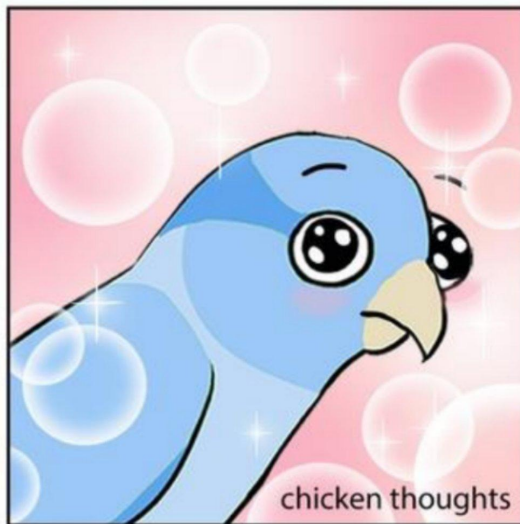
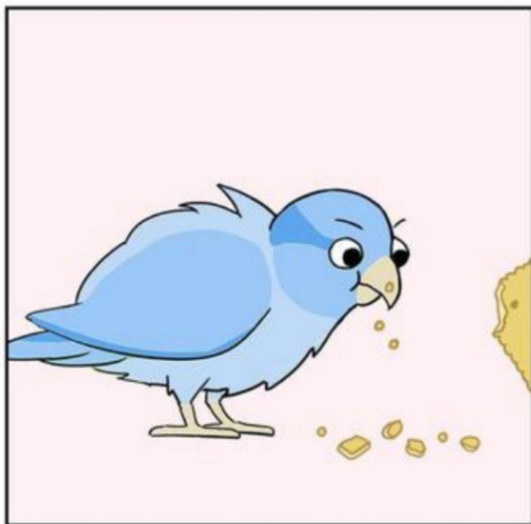
# JSX

## Describing the UI

GET THAT THING  
OUT OF MY FACE!



chomp





**babel**

# JSX

```
const ui1 = <div id="root">Hello world</div>  
const ui2 = React.createElement("div", { id: "root" }, "Hello world")
```

# JSX

```
const ui1 = <button onClick={() => {}}>click me</button>  
const ui2 = React.createElement("button", { onClick: () => {} }, "click me")
```

# Rules of JSX

Close **all** the tags

camelCase at  
**most** of the things!

transform.tools/**html-to-jsx**

Return a **single**  
root element



# Fragments

# JavaScript in JSX **with** **Curly Braces**

**Style** prop

# Components

**reusable UI elements for your app**

# Components

```
function Profile() {  
  return (  
      
  )  
}
```

# Components

```
function Profile() {  
  return (  
      
  );  
}
```

```
function Gallery() {  
  return (  
    <section>  
      <h1>Amazing scientists</h1>  
      <Profile />  
      <Profile />  
      <Profile />  
    </section>  
  );  
}
```

```
<div>  
  <p></p>  
  <form>  
  </form>  
</div>
```

HTML

```
isLoggedIn() {...}  
onClick() {...}  
onSubmit() {...}
```

JavaScript

```
Sidebar() {  
  if (isLoggedIn()) {  
    <p>Welcome</p>  
  } else {  
    <Form />  
  }  
}
```

Sidebar.js React component

```
Form() {  
  onClick() {...}  
  onSubmit() {...}  
  
  <form onSubmit>  
    <input onClick />  
    <input onClick />  
  </form>  
}
```

Form.js React component



passing **props to them**

Functions that  
**return JSX**



## Tyler McGinnis

@tylermcginnis33

Partner @reactjstraining. Developer  
Expert @google. React Newsletter.  
#reactjs #javascript

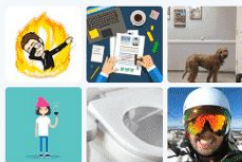
📍 Eden, Utah

🌐 tylermcginnis.com

📅 Joined September 2011

🎂 Born on May 2, 1990

📷 191 Photos and videos



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**Tyler McGinnis** @tylermcginnis33 · 1 Mar 2016

Introducing React.js Program: A linear approach to learning the @reactjs ecosystem  
[reactjsprogram.com](https://reactjsprogram.com)



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**CSS-Tricks** @Real\_CSS\_Tricks · Jan 13

A collection of 'React "Aha" Moments' ::



### React "Aha" Moments

A collection of "Aha" moments while learning React.  
[tylermcginnis.com](https://tylermcginnis.com)

👤 1 🔄 32 📁 95 📊 \*\*\*

**Tyler McGinnis** @tylermcginnis33 · Jan 12

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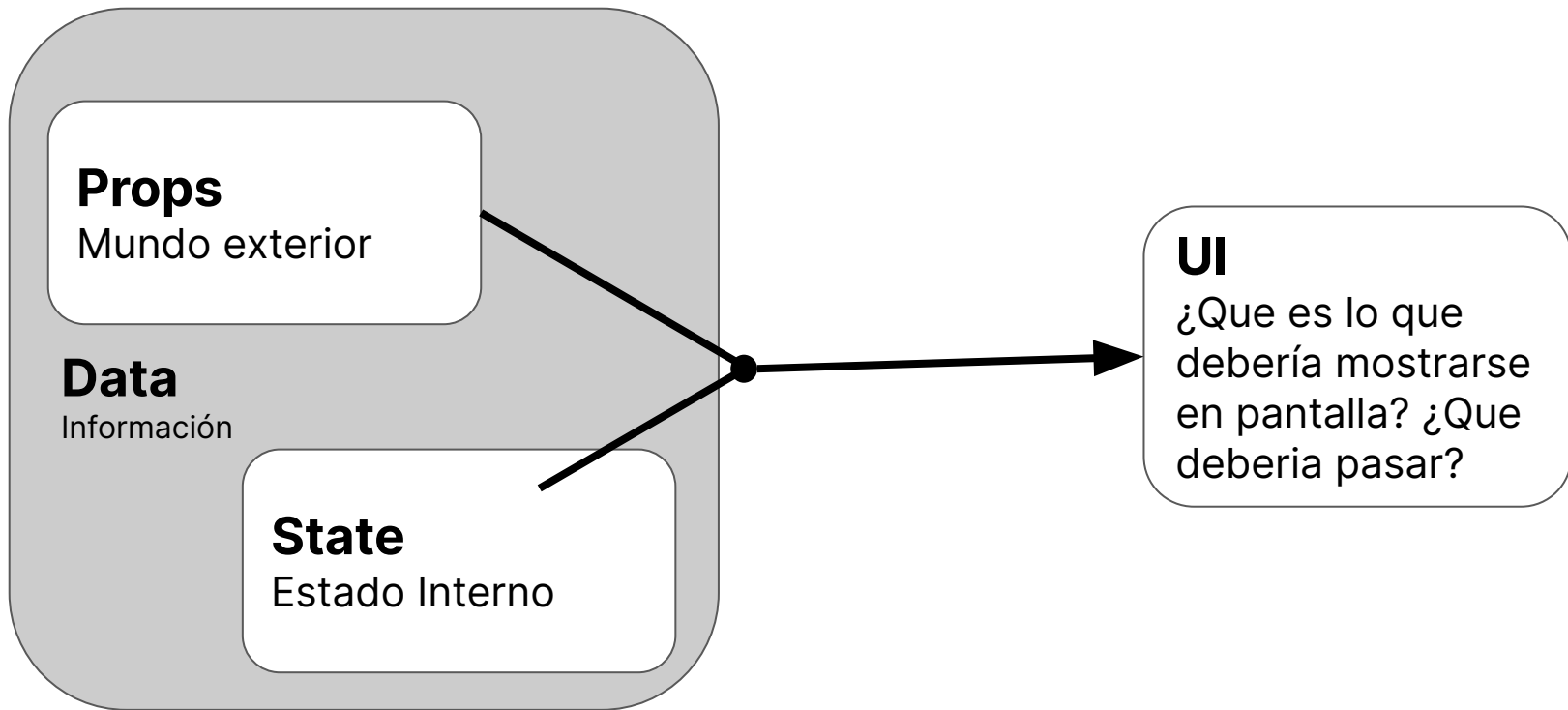
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|         |          |
|---------|----------|
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# **Conditional** Rendering

# Children & Composition



# Rendering **Arrays**

react **keys**

**react.dev**

← **Kent C. Dodds** 🚀  
105.3K Tweets



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**Kent C. Dodds** 🚀  
@kentcdodds

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📍 Pleasant Grove, UT 🔗 [kentcdodds.com](https://kentcdodds.com) 🎂 Born 1988

📅 Joined October 2011

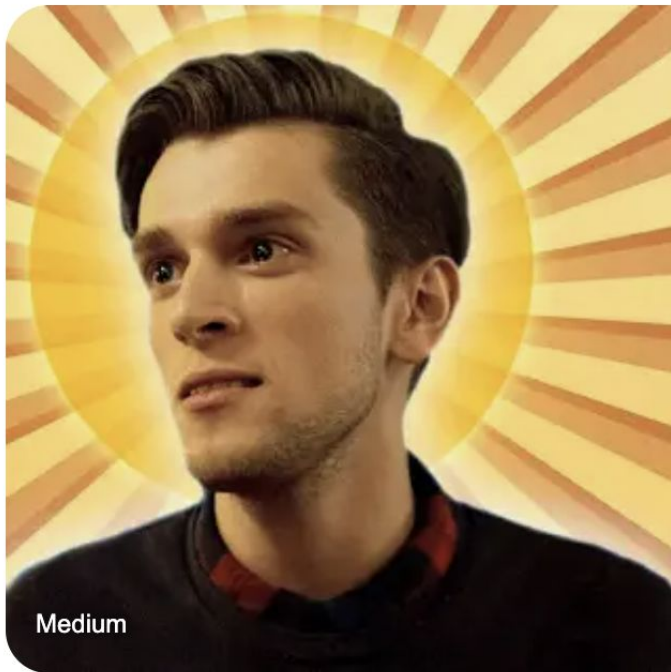
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# Dan Abramov

Software engineer :

Overview

Videos



 Overreacted.io

## overreacted — A blog by Dan Abramov

The Two Reacts · A Chain Reaction · npm audit: Broken by Design · Before You memo() · The WET Codebase · Goodbye, Clean Code · My Decade in Review · Wh...

R. Alex Anderson  @ralex1993 · Aug 21, 2019

TIL: In [#react](#), you pretty much have only three primitives:

- elements
- state
- effects

All that components do is encapsulate those three things.

Thanks [@ReactTraining](#) for giving me a bunch of new ways to think of React.

# Interactivity

event **handlers**





main ▾

3 branches

0 tags

Go to file

Code ▾



**kentcdodds** Create README.md ...



2

2b147c8 on Jan 18



32 commits



01-document-create-element.html

init

2 years ago



02-react-create-element.html

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03-jsx.html

split lesson

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12-state.html

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13-side-effects.html

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## About

The Beginner's Guide To ReactJS

[kcd.im/beginner-react](https://kcd.im/beginner-react)

react

kcd-edu

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## Releases

No releases published

## Packages

No packages published

## Contributors 2



# State

useState

state as a  
**snapshot**

react  
**batching**

arrays in  
**state**

objects in  
**state**

**forms**



controlled  
**forms**

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**derive** state

**share state**

react **keys**