

COMPONENTS AS BUILDING BLOCKS

COMPONENTS

- 👉 React applications are entirely made out of components
- 👉 **Building blocks** of user interfaces in React




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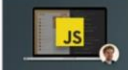
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Components are fundamental concept in REACT. React applications are entirely made out of components. Components are the building blocks of user interfaces in REACT.

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Component A

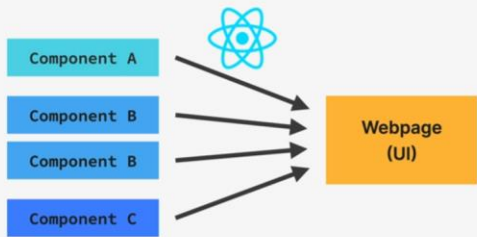
Component B

Component B

Component C



Webpage (UI)



REACT takes components and draw them on the webpage. REACT renders the view for each component and all these views together make up the user interface.

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- 👉 React applications are entirely made out of components
- 👉 **Building blocks** of user interfaces in React
- 👉 Piece of UI that has its own **data**, **logic**, and **appearance** (*how it works and looks*)

```

graph LR
    A[Component A] --> UI[Webpage UI]
    B1[Component B] --> UI
    B2[Component B] --> UI
    C[Component C] --> UI
    subgraph "Component A"
        D[Data]
        L[Logic]
        AP[Appearance]
    end
            
```

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We can also think of component as piece of user interface. Each component has its own data, JAVASCRIPT logic and appearance. Each component describes how it works and how it looks like.

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- 👉 React applications are entirely made out of components
- 👉 **Building blocks** of user interfaces in React
- 👉 Piece of UI that has its own **data**, **logic**, and **appearance** (*how it works and looks*)
- 👉 We build complex UIs by **building multiple components** and **combining** them

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In REACT, we build complex UIs by building multiple components and then combining these components like LEGO pieces.

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- 👉 React applications are entirely made out of components
- 👉 **Building blocks** of user interfaces in React
- 👉 Piece of UI that has its own **data**, **logic**, and **appearance** (*how it works and looks*)
- 👉 We build complex UIs by **building multiple components** and **combining** them
- 👉 Components can be **reused**, **nested** inside each other, and **pass data** between them

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DL

Question 2 on Challenge 2

My solution was similar to Jonas' however the answer was incorrect. Is it po...

Darryl · Lecture 115 · 13 hours ago

0

0

VP

Elegant alternative for loading markers from localStorage

A Jonas explained, we are trying to add a marker to the map right at the beg...

Vincent Giovanni · Lecture 242 · 14 hours ago

0

0

M

How to not violate the "Do not repeat yourself" principle

Hello! Could you please post a solution to this part, but in a way that we do n...

Marinella · Lecture 45 · 15 hours ago

0

1

QuestionList

Components can be reused and can be nested inside other components. So, nesting components and components reusability are the key aspects of using components in REACT.

