Pollyfill

To to make older browsers understand our new code, the new code is converted unto a older code which browser can understand called pollyfill.

Dabel do this conversion automatically.

Eg: - ES6 is the newer version of javascript.

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The working on 1999 browsers, my browser will not understand what is this my browser will not understand what is this const, new Promise etc.

So, there is a replacement for code for these functionalities which is compactible with

JSO, this is what happen when we write "browserslist" - Down code is converted to olderon

Build command

Babel

— t is a journsoript package / library used to convert code written cin newer versions of JS ECMAScript 2015, 2016, 2017 etc) unto code that Can be sun in older JS engines. Render - means updating something in the DOM.

Reconciliation

-> helps to make React applications fast and efficient by minimizing the amount of work that needs to be done to update the changes.

-DSO, you don't have to worny about what changes on every update.

- render() function as creating a bee of React elements.
- In will return a different tree of React elements.

Whenever react is updating the DOM, for eg:-

Zula Duke
 Zuke
 Villomova

Now, I introduced one child over the top.

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then react will have to do lot of efforts,

react will have to re-render everything.

That means; [react will have to change the

whole DOM bree.]

Zli7 Connecticut < lli7

Zli7 Druke < lli7

Zli7 Villanova < lli,7

Zli7 Villanova < lli,7

Als react has to re-render, everything, ut will not give your good performance.

</p>

In large-scale application, it is far too expensive.

SOLUTION - Introduction of Keys

- -> React supports 'key' attribute.
- Thus, making tree-conversion efficient

Key = 2014 > Connecticut
Key = 2015" > Duke
Key = 2016" > Villanova

Thus, react has to do very less work.
So, always use keys whenever you have multiple children.

JSX is created to empower keact.
Advantages of JSX
Developer experience
- Syntactical Sugar - Readability
TI ess code
T maintainability No Repeatition.
a to have