

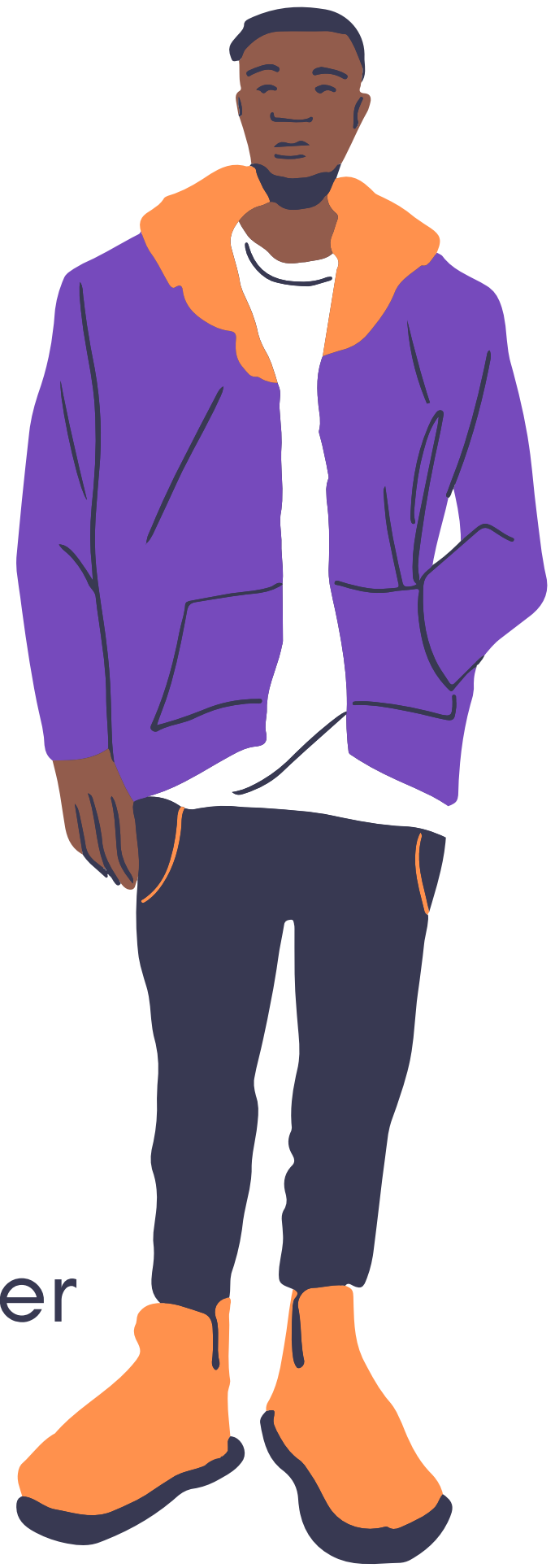


Redux

Explained for Absolute Beginners



Save For Later



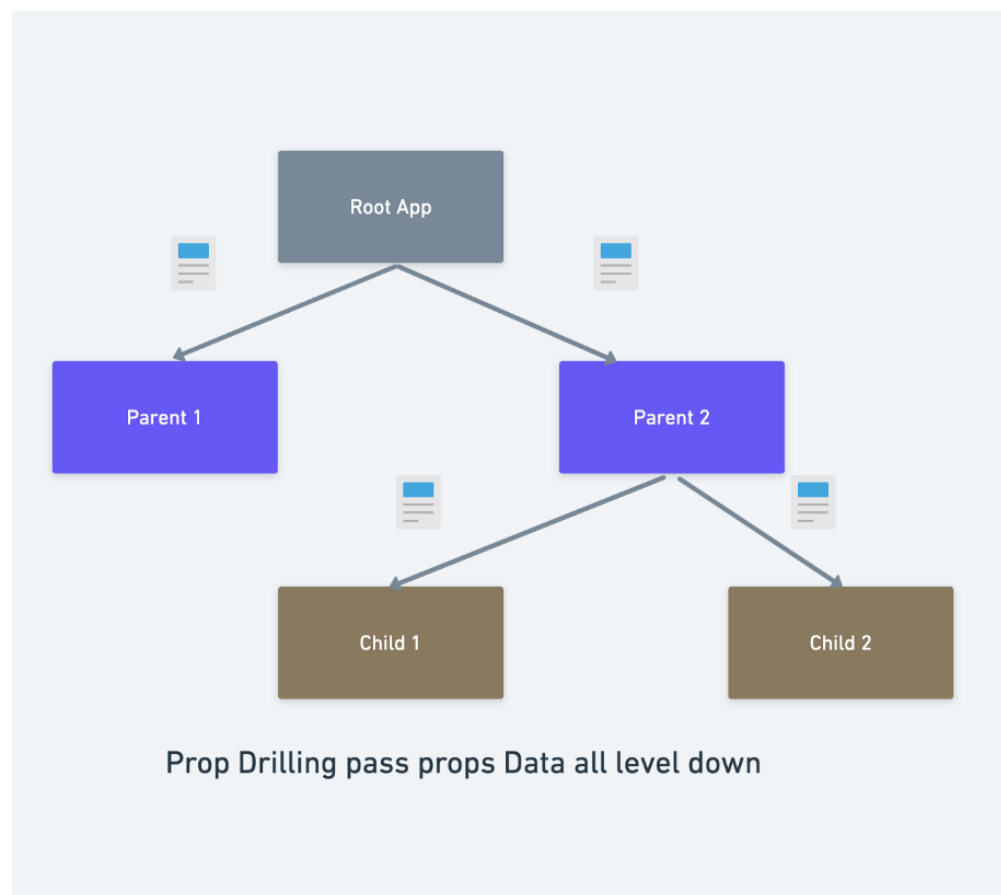
Redux is a global state container for **JavaScript** applications.

It can be used with any **JavaScript** application be it **vanilla JS, React, Vue**, or any other.



Why do we need Redux?

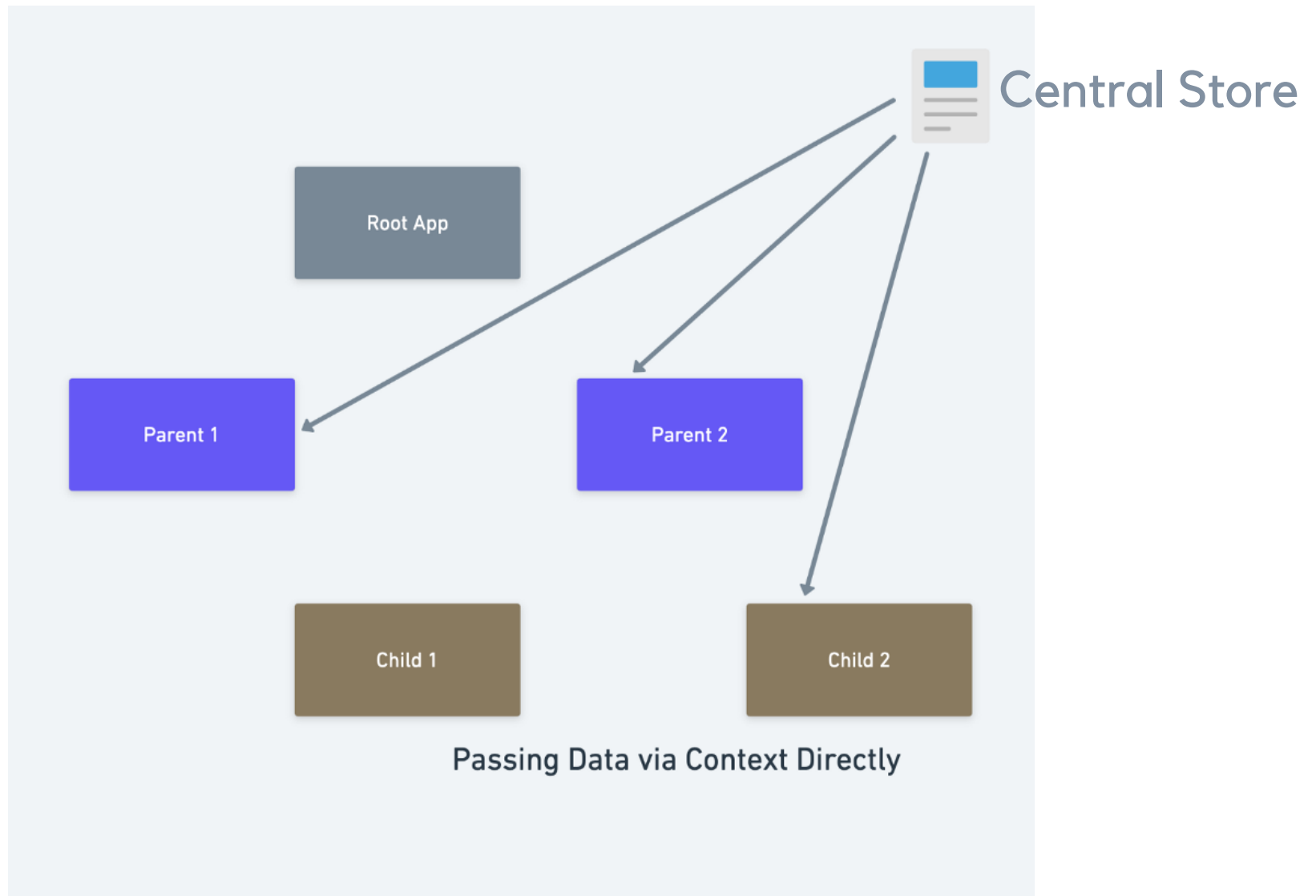
Suppose you have a React App with a component tree similar to the given image...



...and you want to share some state of **'Parent 1'** to **'Child 2'**, in this situation you have to use **prop drilling**. This means, first you have to lift your state up into **Root**, and then you can pass it to **'Child 2'** via **'Parent 2'**.



Now, what if you have a **central place to store and share all of your states.**




So this is the solution that **Redux** provides us, it basically makes things easy to store all your **state** as a **global state**, so that you can use it across your whole **component tree**.



Redux is a beautiful library,
it is used in many large-scale
applications.

To use it in your **React**
application, you can install it
via npm or simply hook its
script.js file in your vanilla JS
project.



You might have heard of **Redux Toolkit**, which is a wrapper around **Redux** core to provide opinionated ways to use Redux logic and it is an official recommended approach for writing Redux logic.



You can also go for pure **Redux** implementation as well, which is my favorite way to use Redux.

Hope you understood the almighty **Redux**!



Thoughts on Redux?

Comment below.

