# Context API

* Allows Components anywhere in the COMPONENT TREE to access a State that is shared by a **CONTEXT**

## What is Context API?

* A system to pass data through the app without **manually passing props**
* It allows us to **BROADCAST GLOBAL STATE**

## Context API parts

1. The **PROVIDER**
   1. Gives all child components access to value
   2. Common to be placed at the very top
   3. We pass the value we want to be broadcasted into the provider
2. The **CONSUMERS**
   1. All components that read the **PROVIDED value**

When the **context VALUE** changes, **ALL CONSUMERS WILL BE RE-RENDERED**

# Creating and Providing Context