

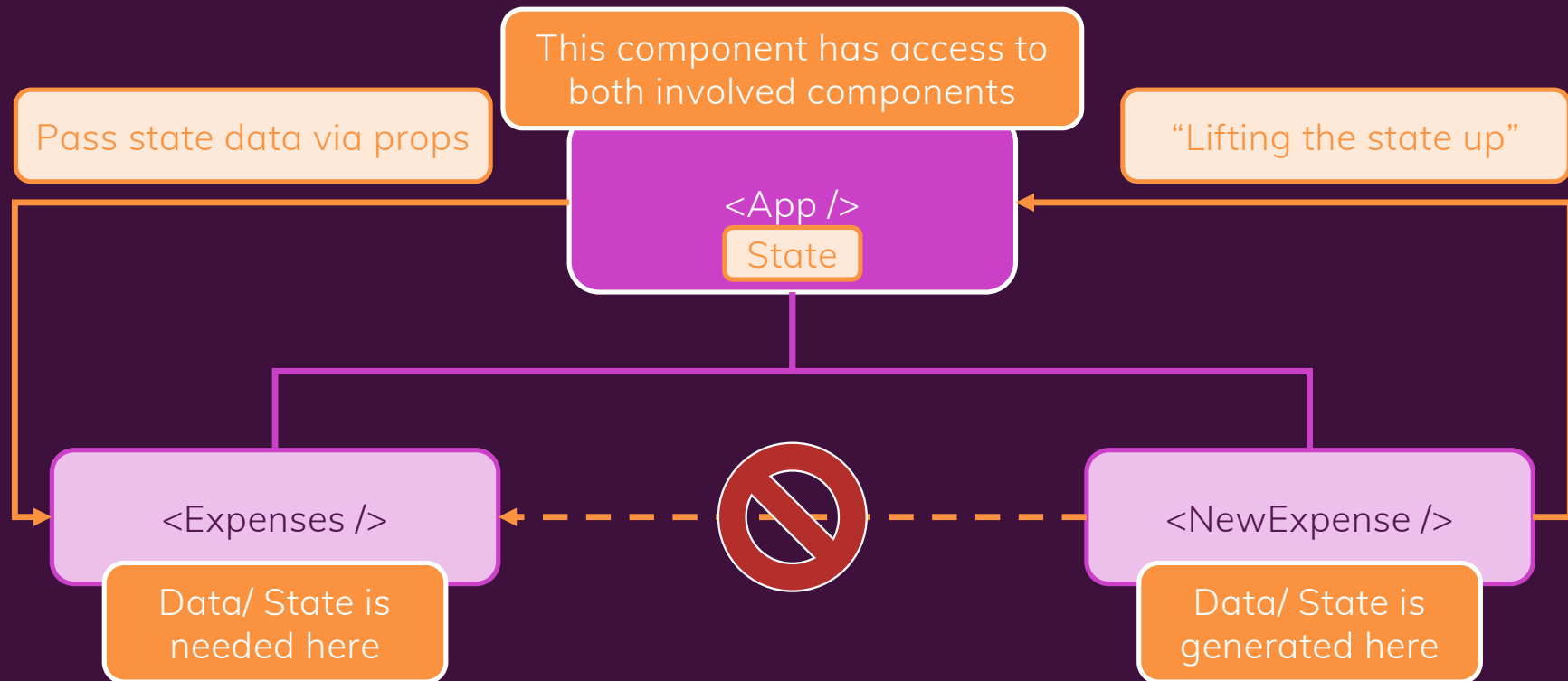
Updating Data via “State”

By default, React **does not care about changes** of variables inside of components. It does **not re-evaluate** the component's JSX markup.

“State” is data **managed by React**, where changes of the data do **force React to re-evaluate** (“re-render”) the component where the data changed.

Child components of components where state changed are **also re-evaluated**.

Lifting State Up



Stateful vs Stateless Components

Stateful Components

React components that manage internal state

Typically, you have only a couple of these

Also called “smart” components or “containers”.

Stateless Components

React components which only (possibly) use props, output JSX and add styling.

Typically, you have plenty of these.

Also called “dumb” or “presentational” components.

An Alternative Way Of Building Components

Functional Components

JavaScript Functions which return JSX

React executes them for you (initially and upon state changes)

Use "React Hooks" for state management

Class-based Components

JavaScript classes as blueprints for components.

render() method for outputting JSX (called by React)

Historically (React <16.8), the only way of managing state!