

# Advanced State Management

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Beyond Basic Apps & “Lifting Up State”

- ▶ The Problem Of Shared State: Prop Drilling
- ▶ Embracing **Component Composition**
- ▶ Sharing State with **Context**
- ▶ Managing Complex State with **Reducers**



# Most React Apps Consist Of Multiple Components

App

Header

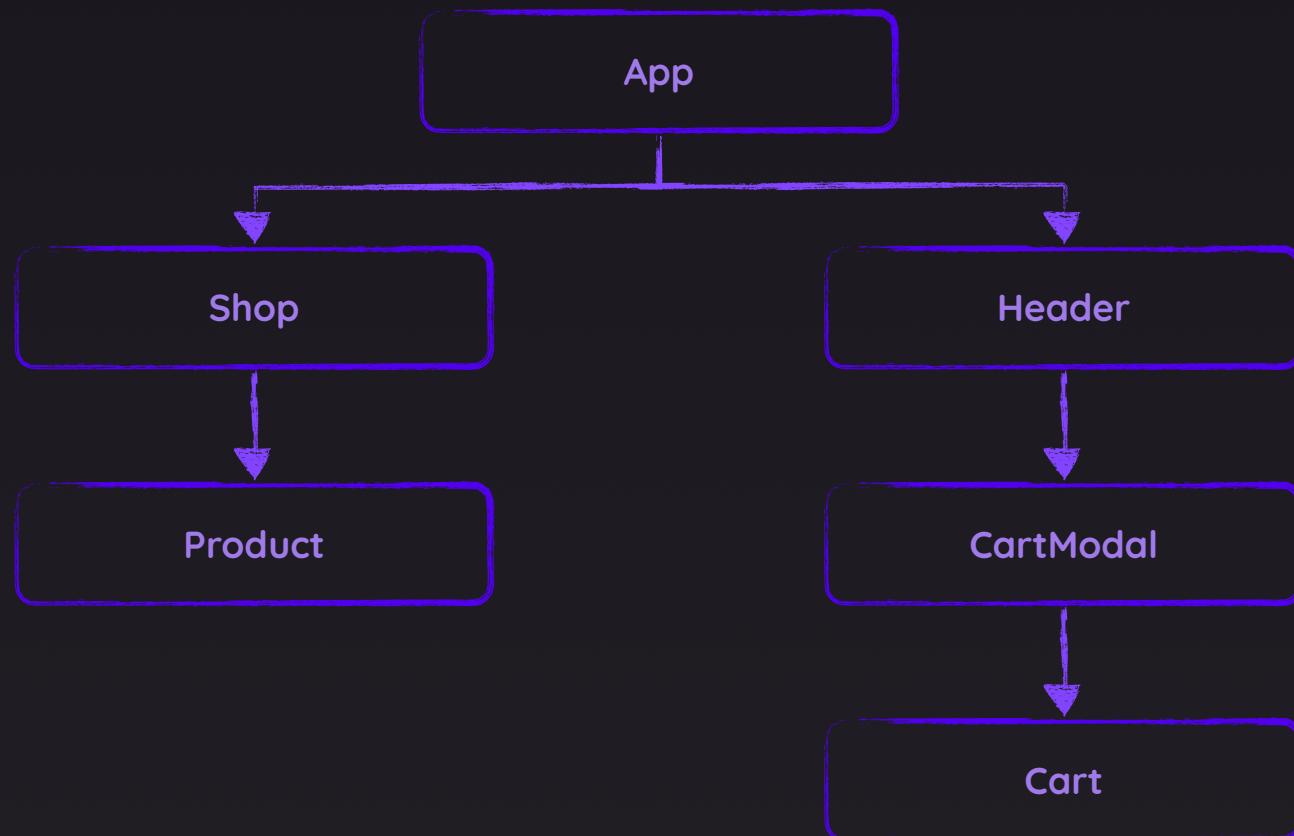
CartModal

Shop

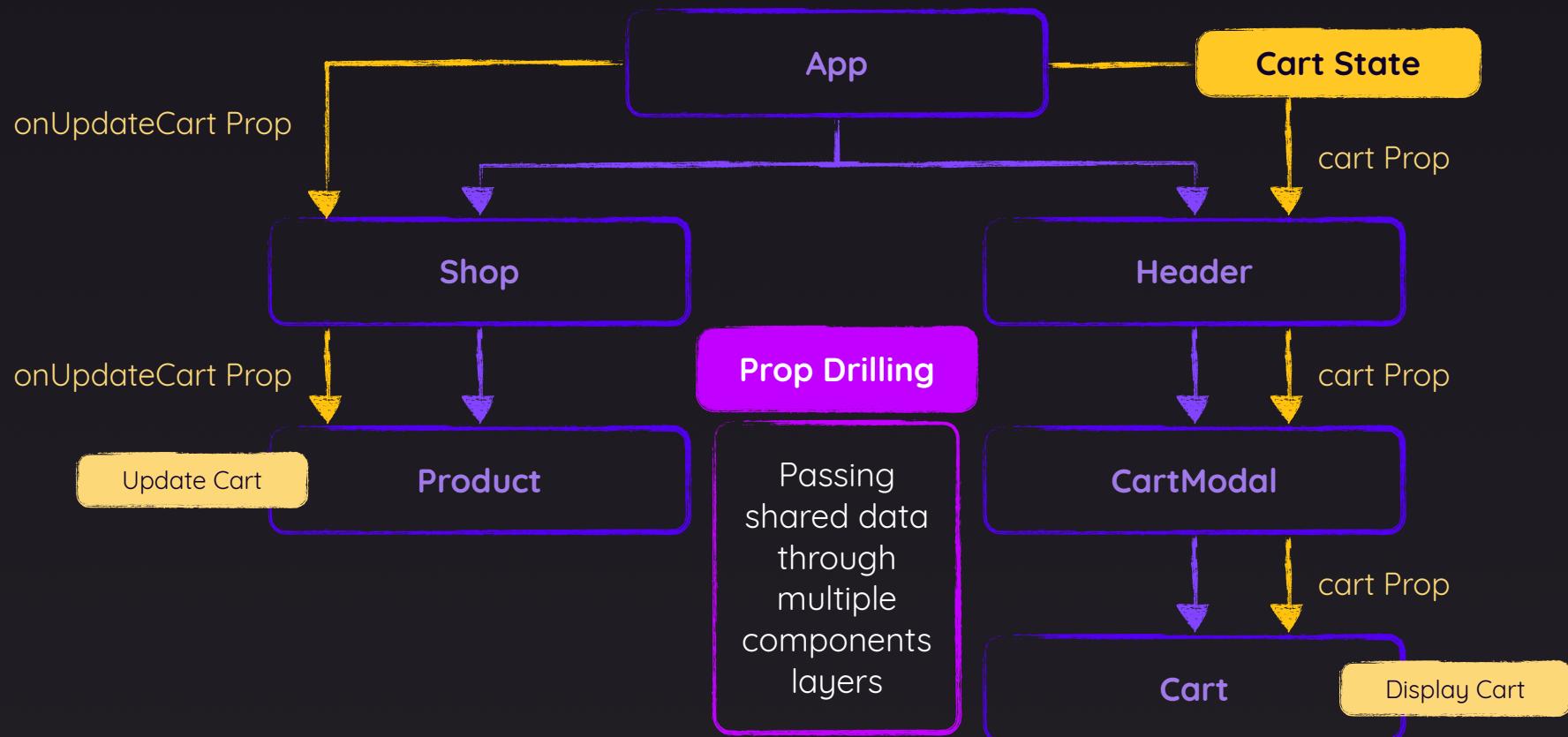
Product

Cart

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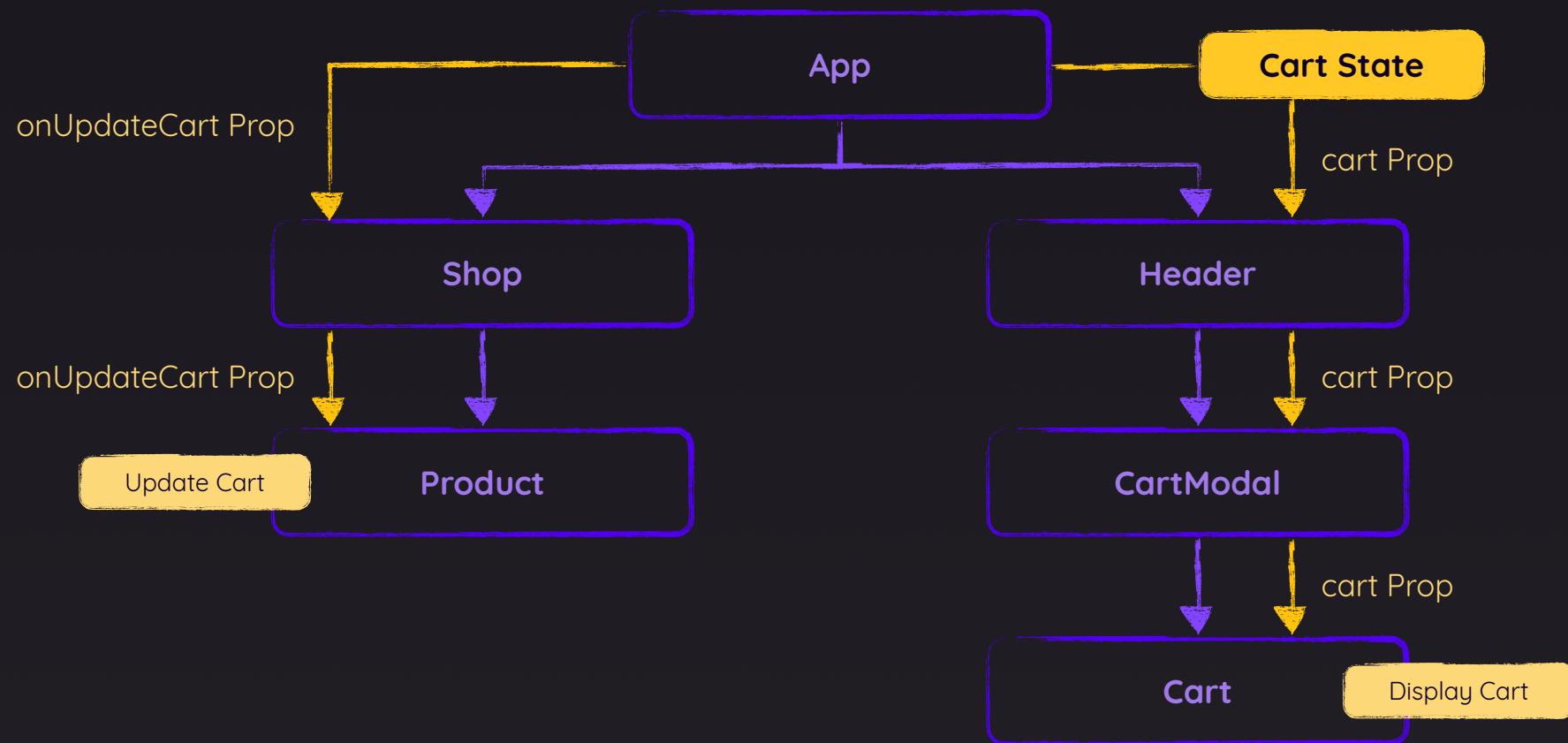
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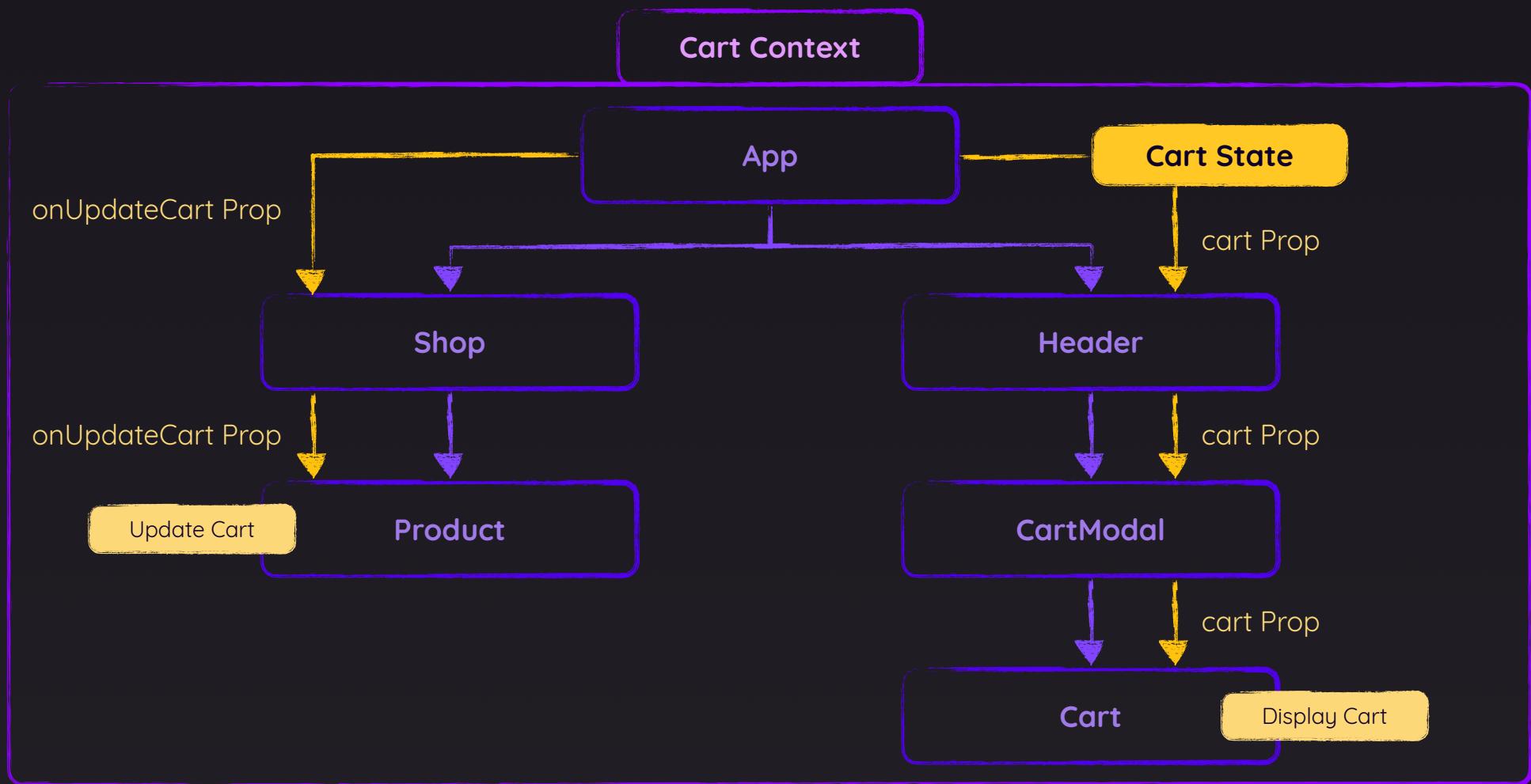
# Component Composition

# React's Context API

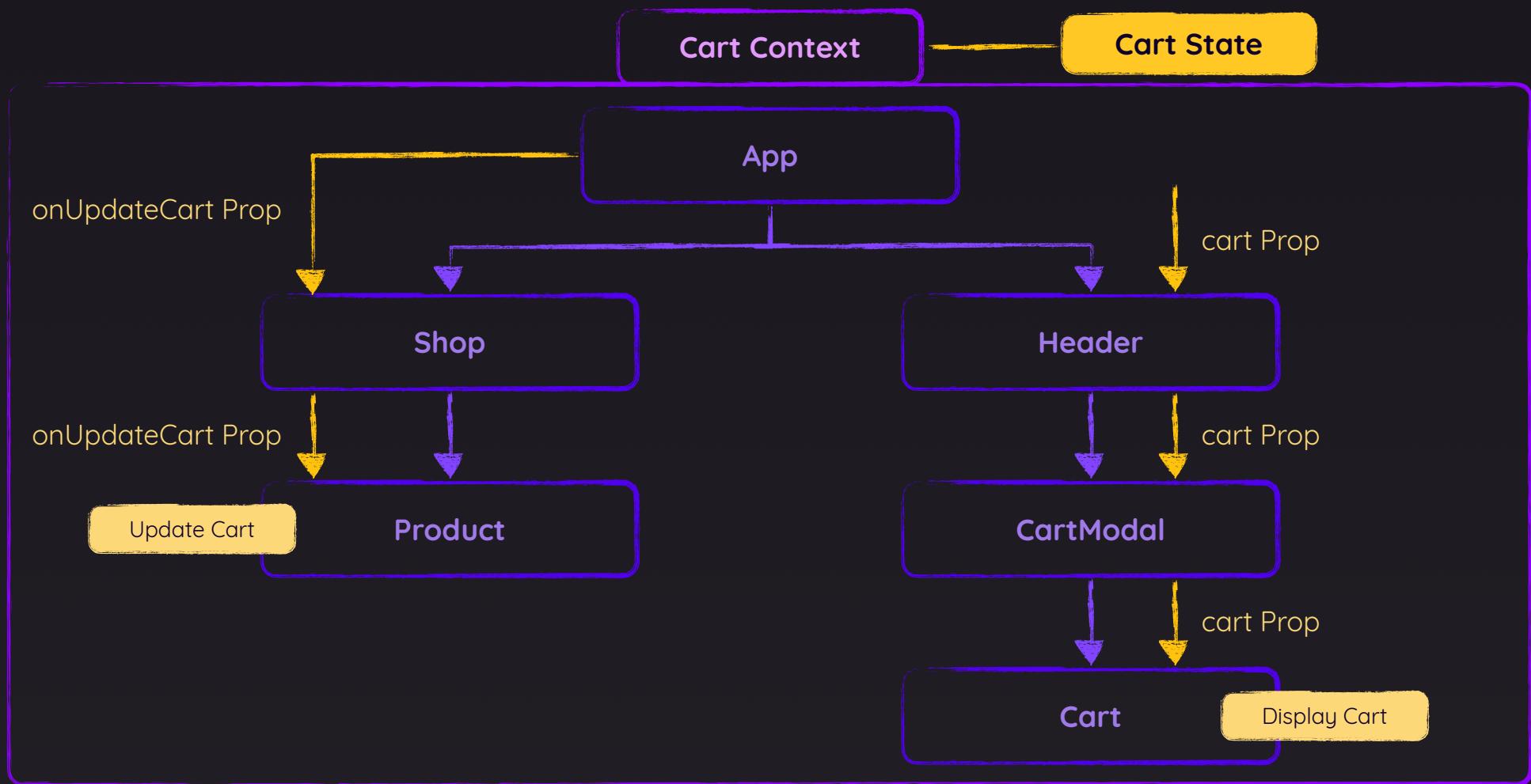
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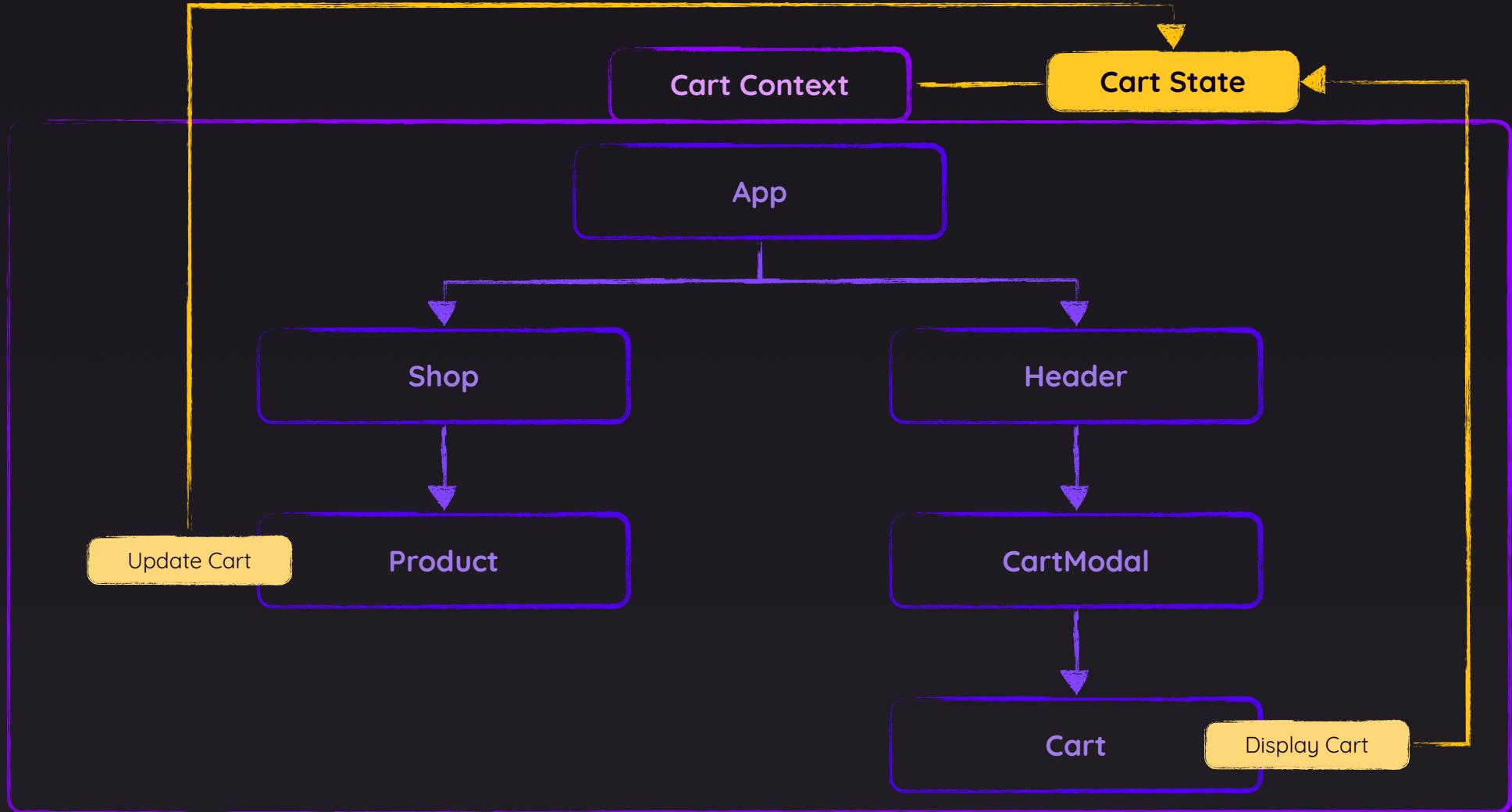
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# What's a “Reducer”?

A function that reduce one or more **complex values** to a **simpler one**

