



JONAS SCHMEDTMANN

# THE ULTIMATE REACT COURSE

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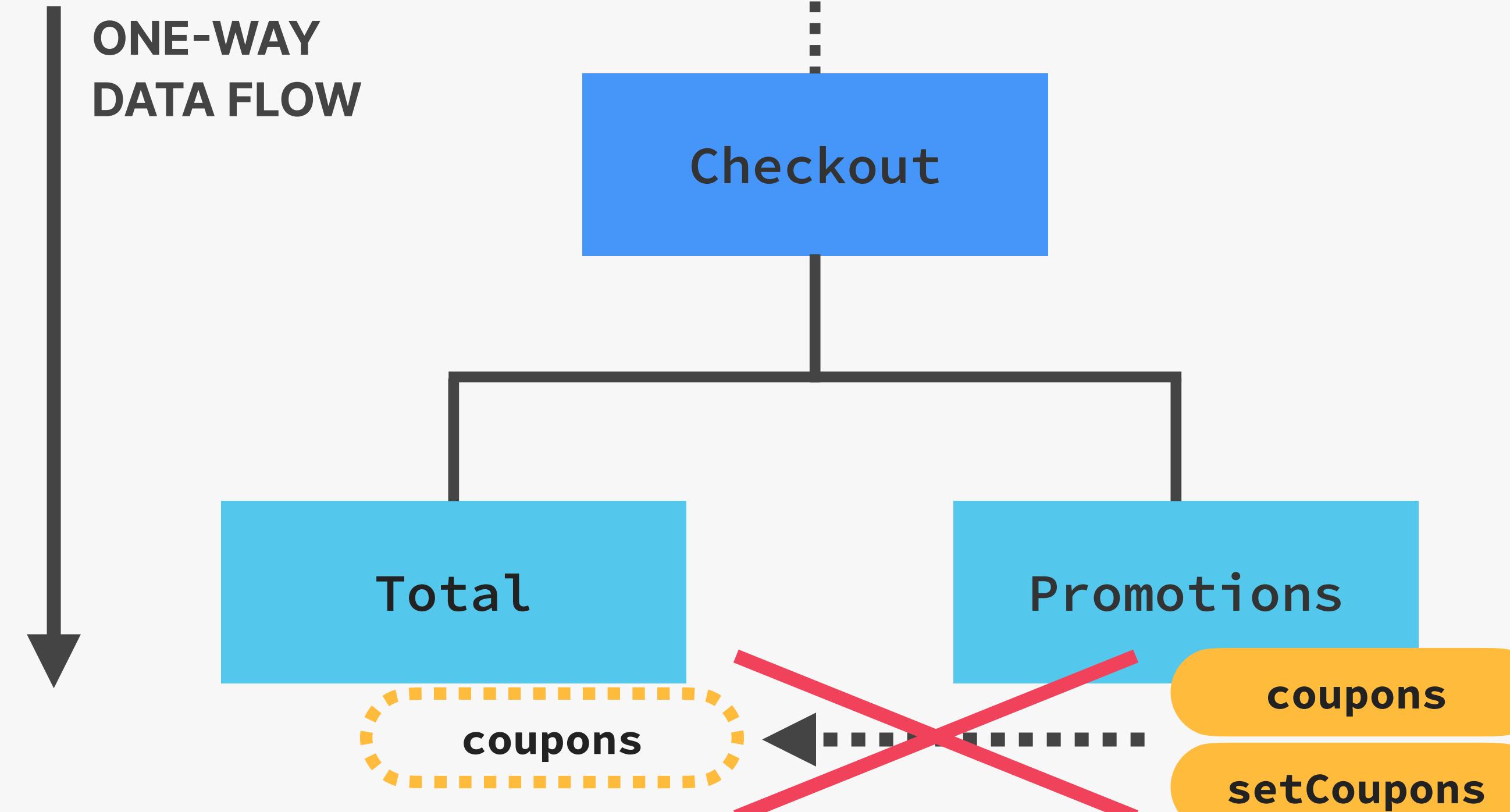
**SECTION**

THINKING IN REACT: STATE  
MANAGEMENT

**LECTURE**

REVIEWING "LIFTING UP STATE"

# PROBLEM: SHARING STATE WITH SIBLING COMPONENT

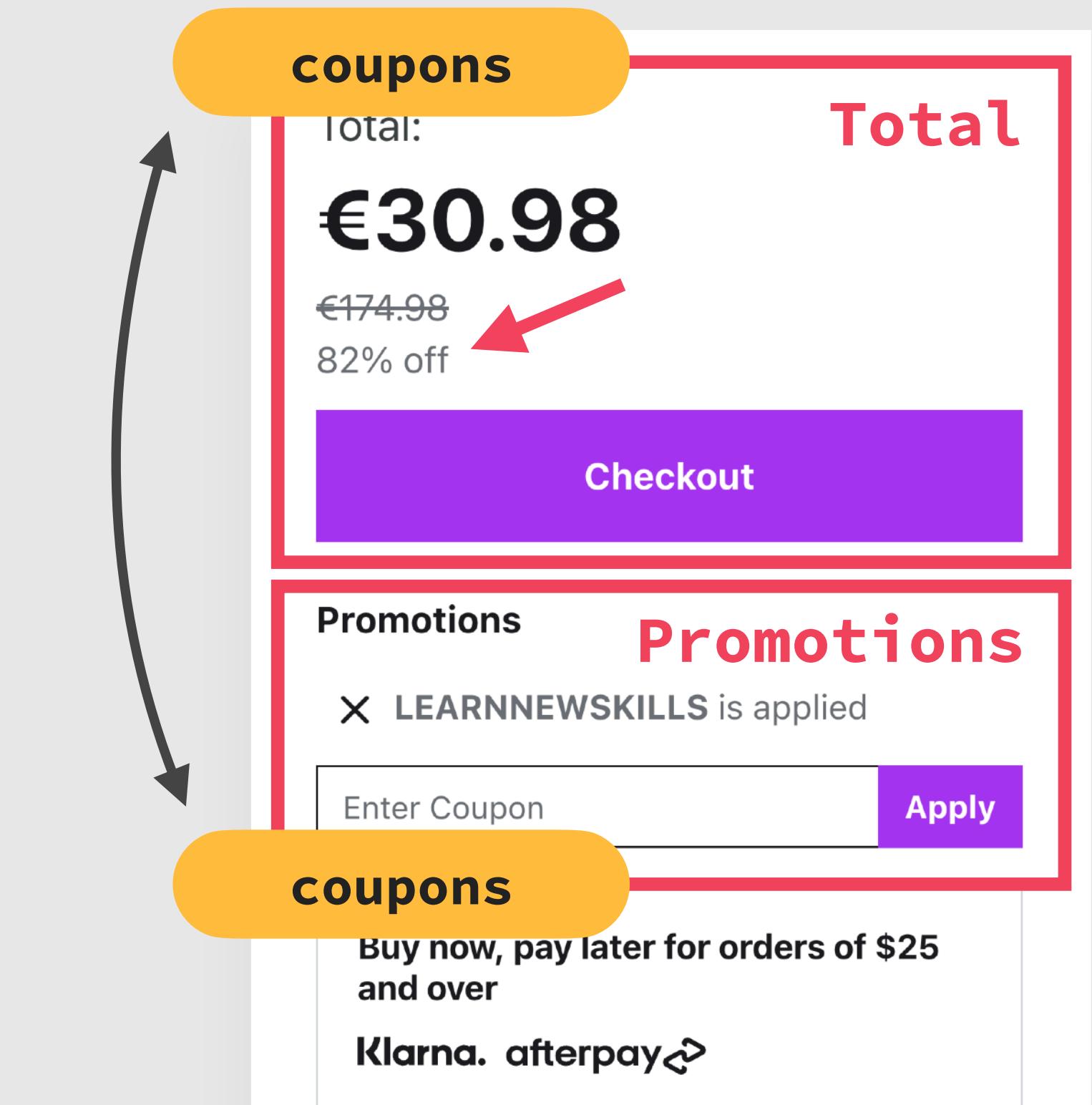


Data can only flow down to children  
(via props), not sideways to siblings

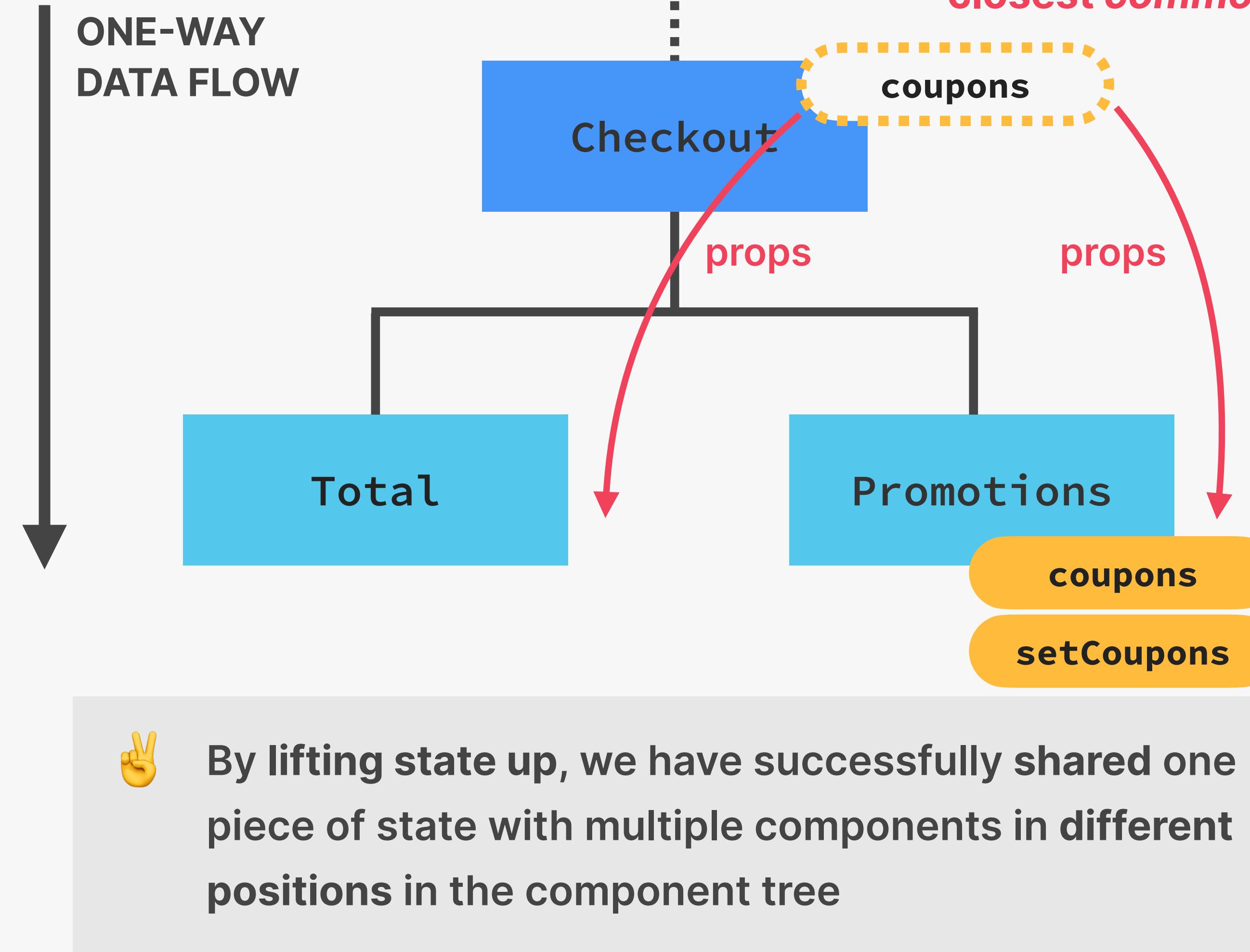


How do we share state with other components?

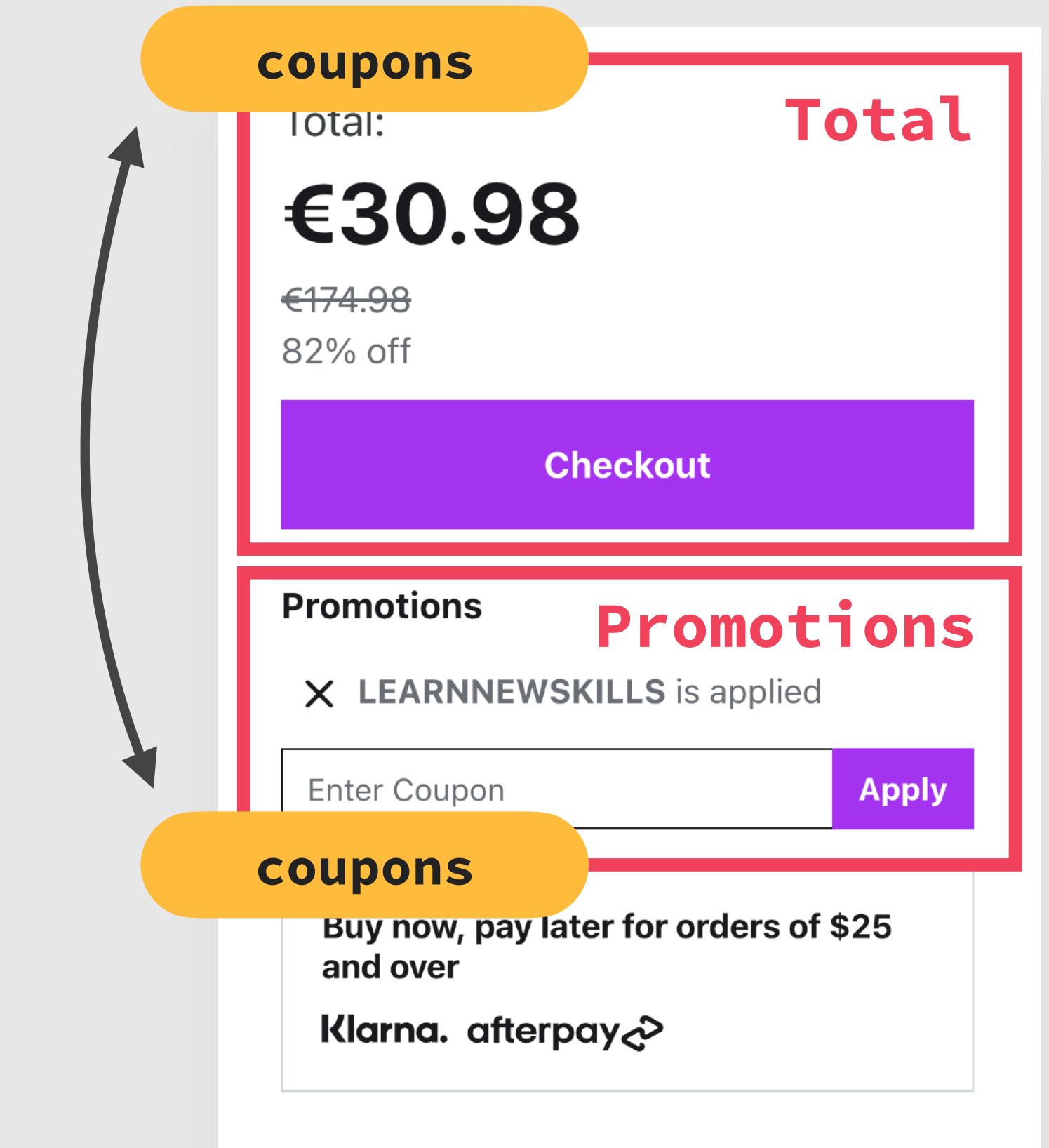
👉 Total component also needs access to coupons state



# SOLUTION: LIFTING STATE UP

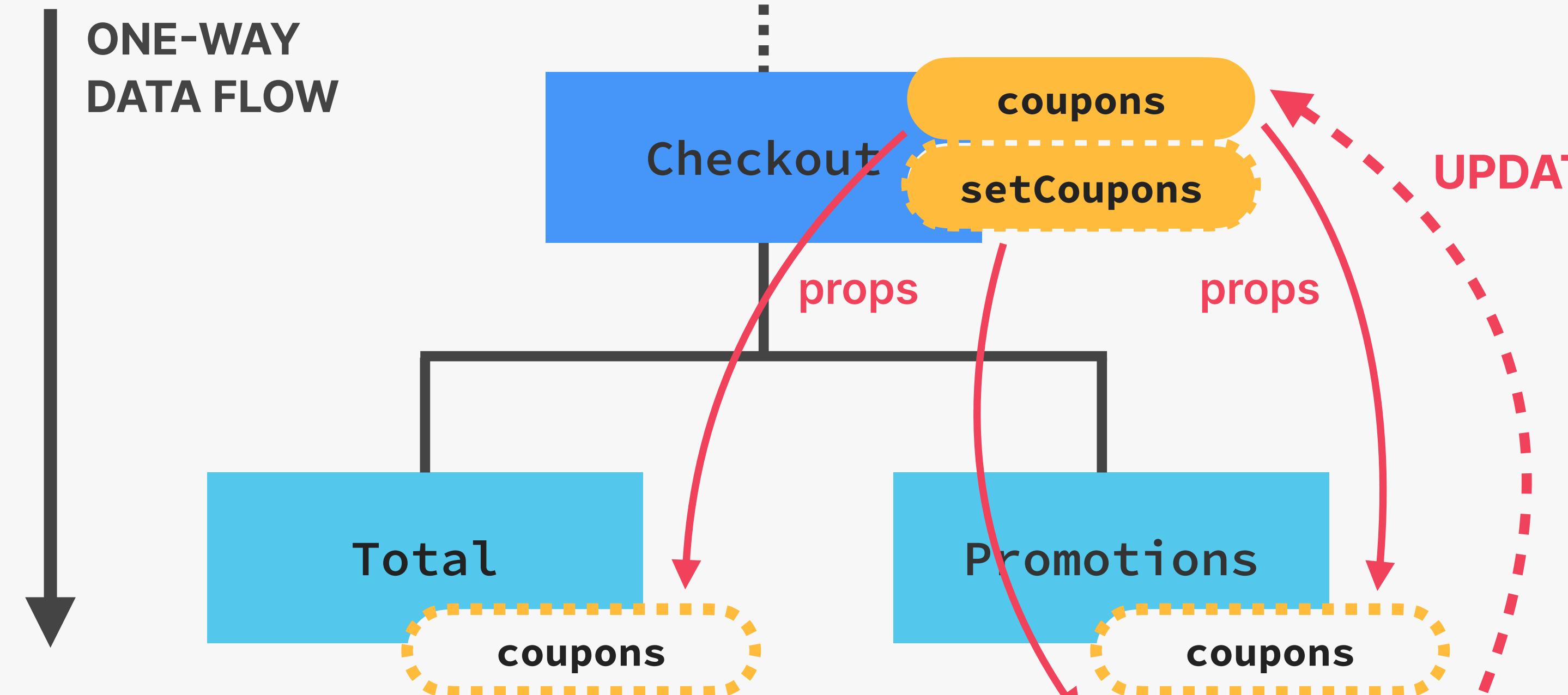


👉 Total component also needs access to coupons state



# CHILD-TO-PARENT COMMUNICATION

- 👉 Child-to-parent communication (inverse data flow): child updating parent state (data “flowing” up)



🤔 If data flows from parent to children, how can Promotions (child) update state in Checkout (parent)?

- 👉 Total component also needs access to coupons state

