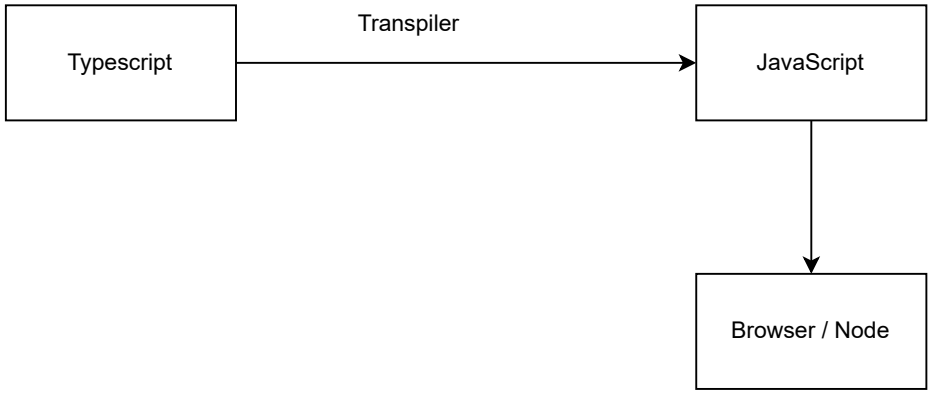
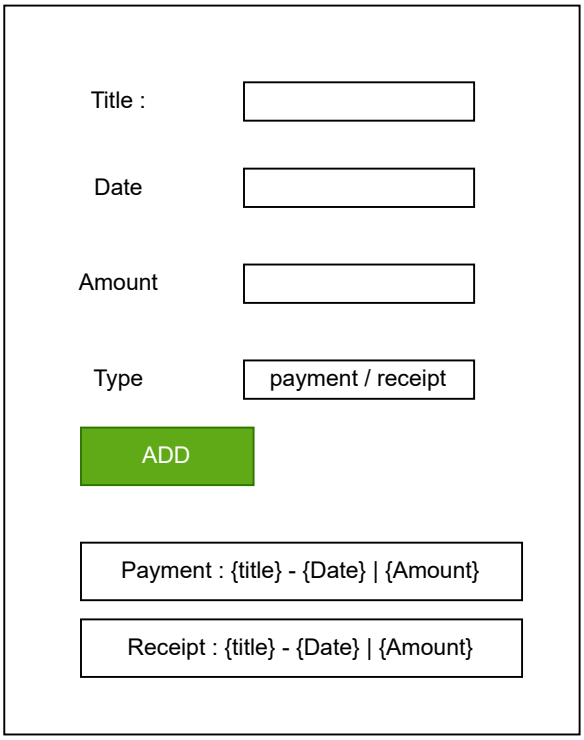
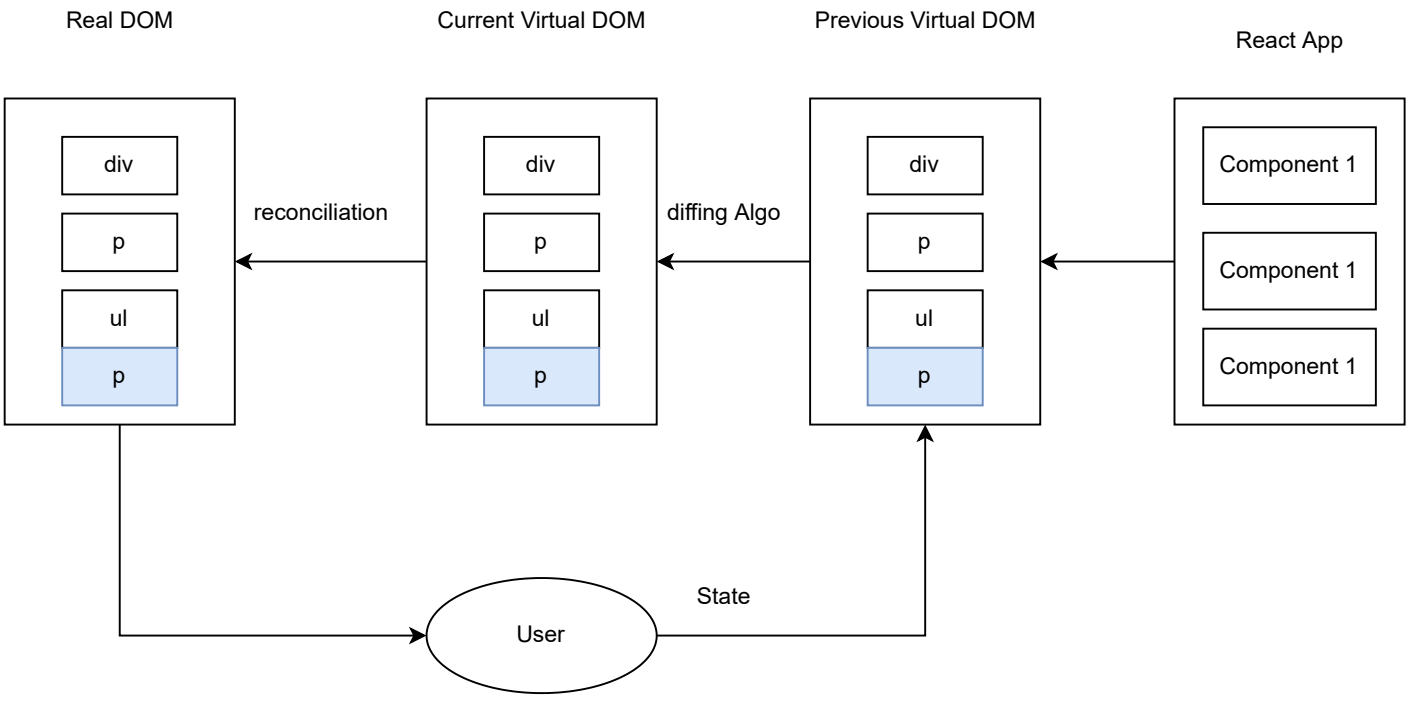

Typescript
Transpiler
JavaScript
Browser / Node

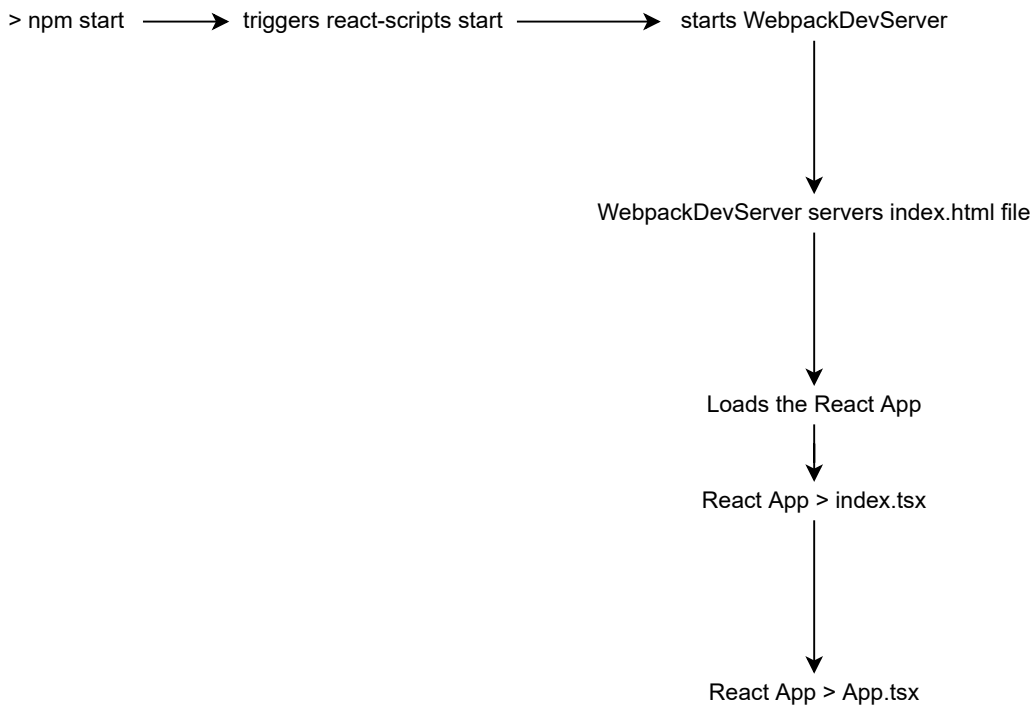
Money Book App



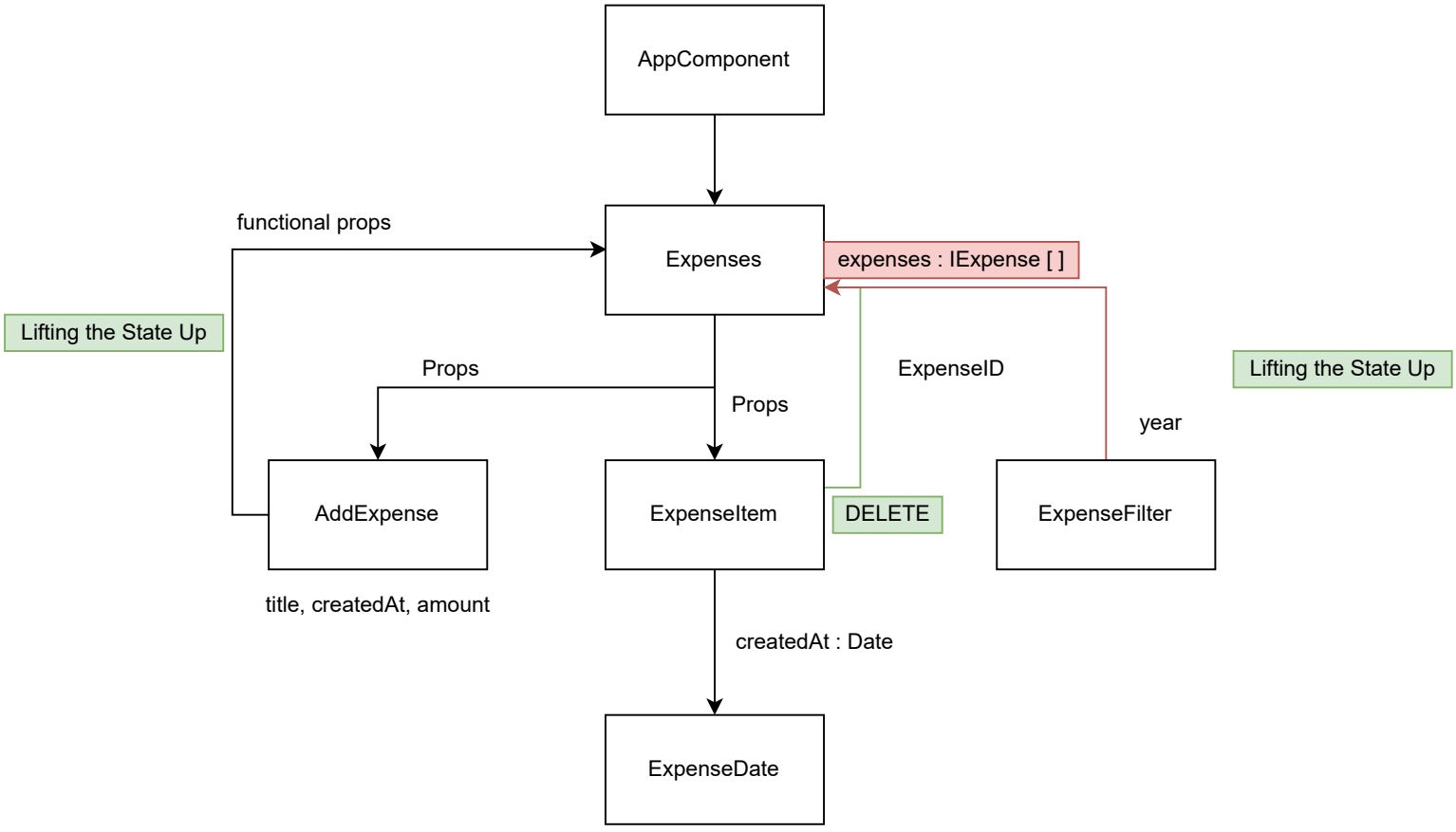
Virtual DOM Update Process



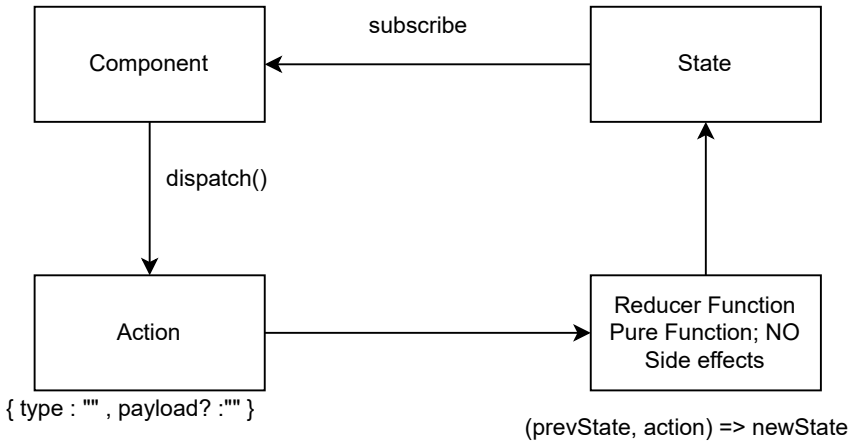
React App Bootstrap Process



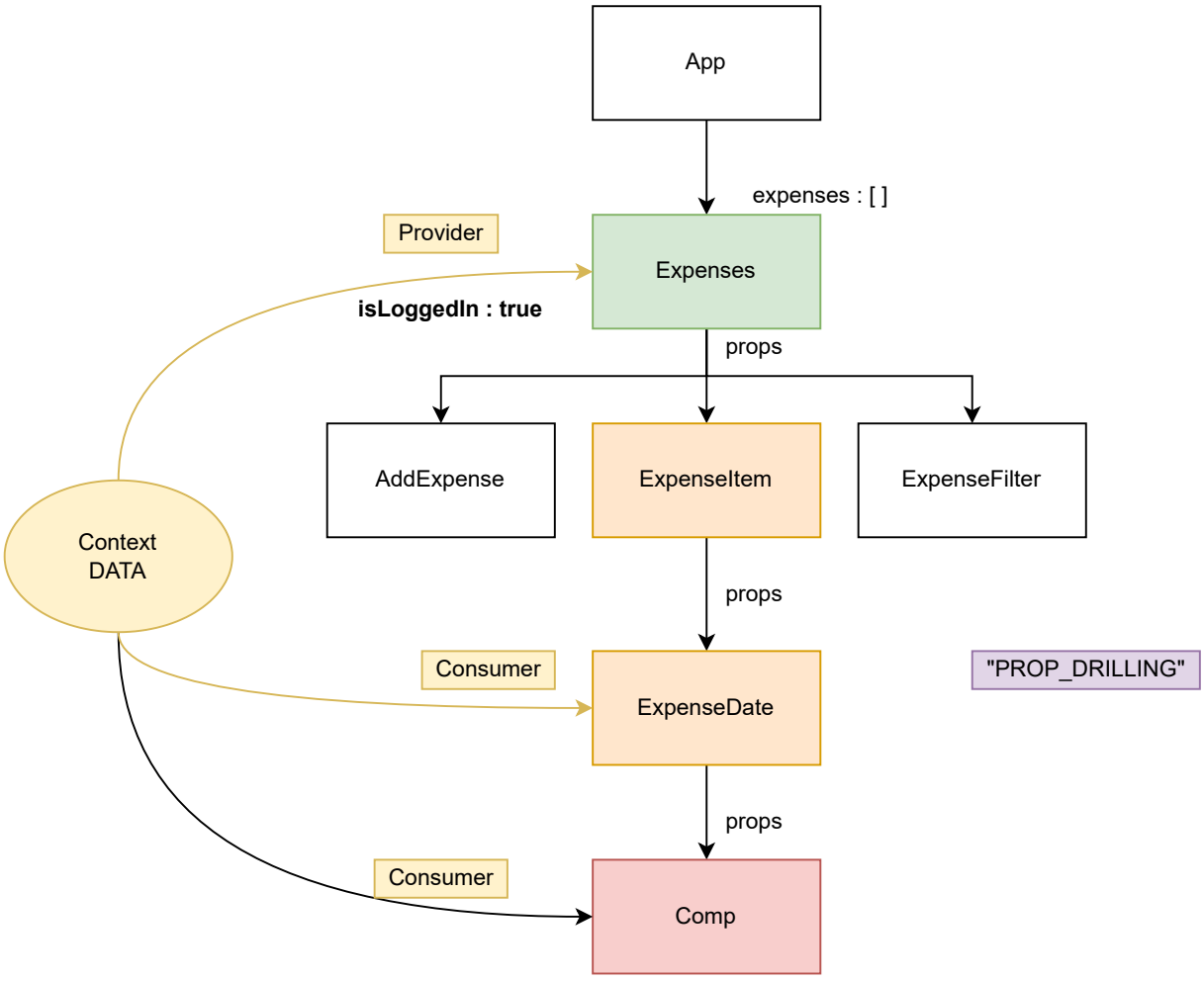
Working with Props

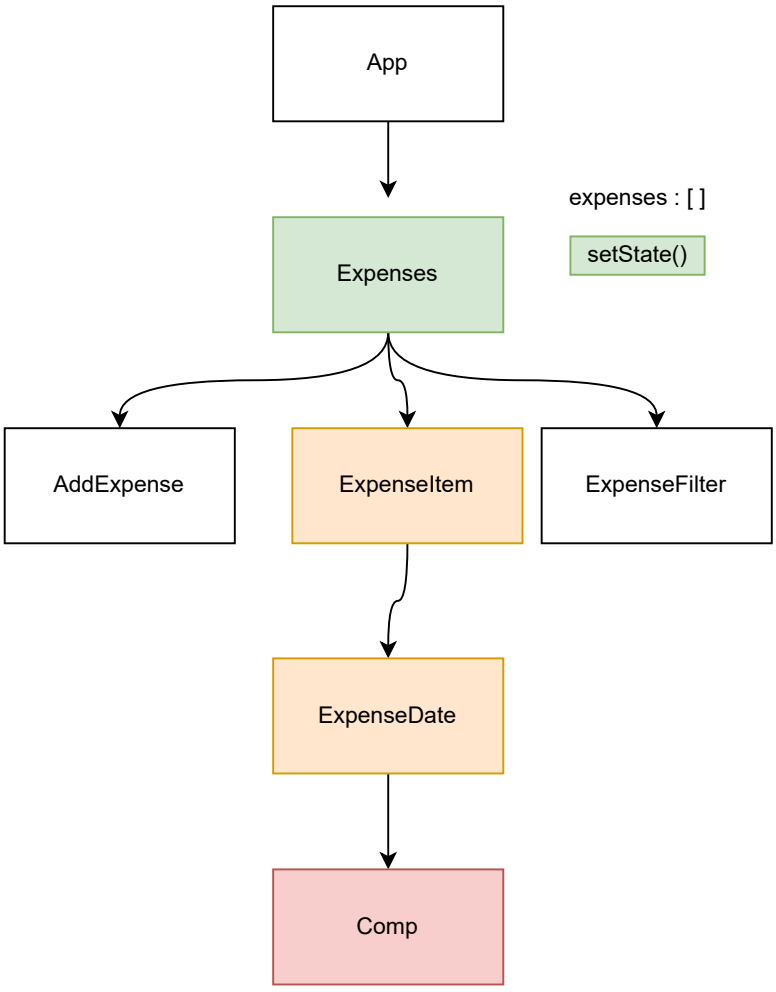


Reducer / Redux Pattern - unidirectional data flow

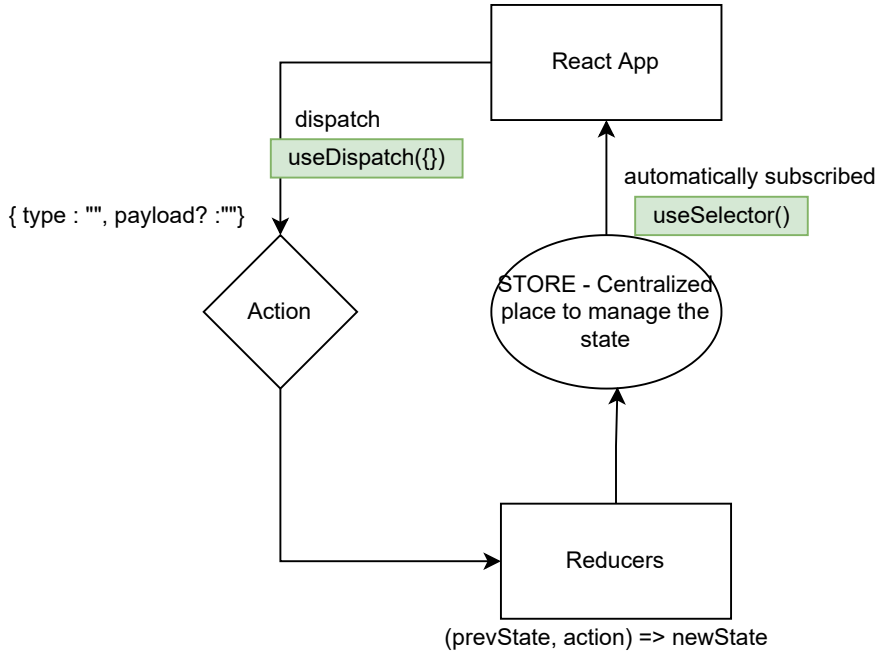


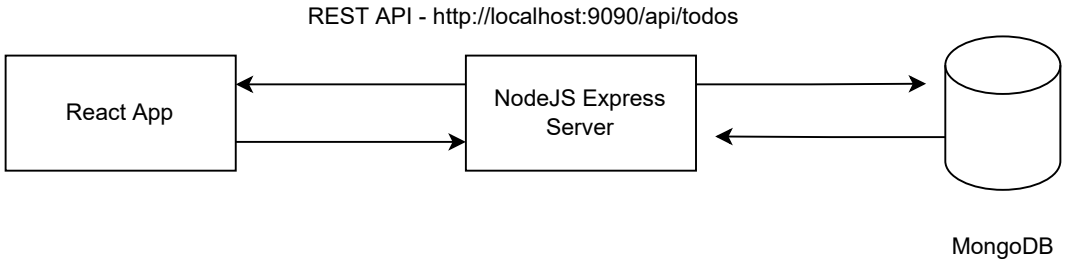
Context API


App
expenses : [ ]
Provider
Expenses
isLoggedIn : true
props
AddExpense
ExpenseItem
ExpenseFilter
Context
DATA
props
Consumer
ExpenseDate
"PROP_DRILLING"
props
Consumer
Comp


App
expenses : [ ]
Expenses
setState()
AddExpense
ExpenseItem
ExpenseFilter
ExpenseDate
Comp

Redux Unidirectional Data Flow




REST API - http://localhost:9090/api/todos
React App
NodeJS Express Server
MongoDB