



What is
Redux?

Predictable state container

- [Redux](#) is a predictable state container for [JavaScript](#) apps
- Helps you write apps that behave consistently, run in different environments, and are easy to test
- Offers live code editing combined with a time traveling debugger
- Can be used with [React](#), [Angular](#), or any other view library
- [Redux](#) is tiny (roughly 2kB), but has a large ecosystem of addons available

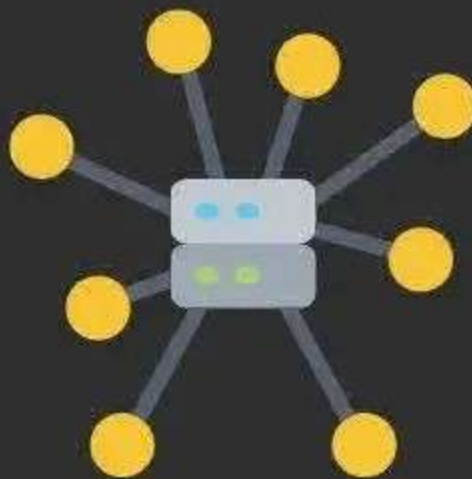


Central store

- With [Redux](#), application state is kept in a store, from which any component can access any state it needs
- State is kept in a single place, improving predictability and traceability
- In [React](#), for example, state has to live in the parent component to share data among siblings
- And so, sharing state between components that are far away from each other is hard – state will have to be lifted until a common ancestor is found
- [Redux](#) solves this issue by providing a central store holding the entire application state

Features of Redux

- Predictable - Redux helps you write apps that behave consistently
- Centralised application state and logic enables powerful capabilities, such as undo/redo, state persistence, etc
- Debuggable - Redux DevTools make it easy to trace state changes
- Time-travel debugging is also possible
- Flexible - Redux works with any UI layer



Corporate users of Redux



Instagram



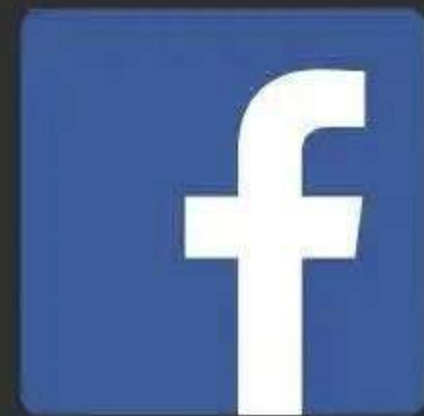
Amazon



Robinhood



Revolut



Facebook