Atomic State

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Overview

What is atomic state?

Why is it useful?

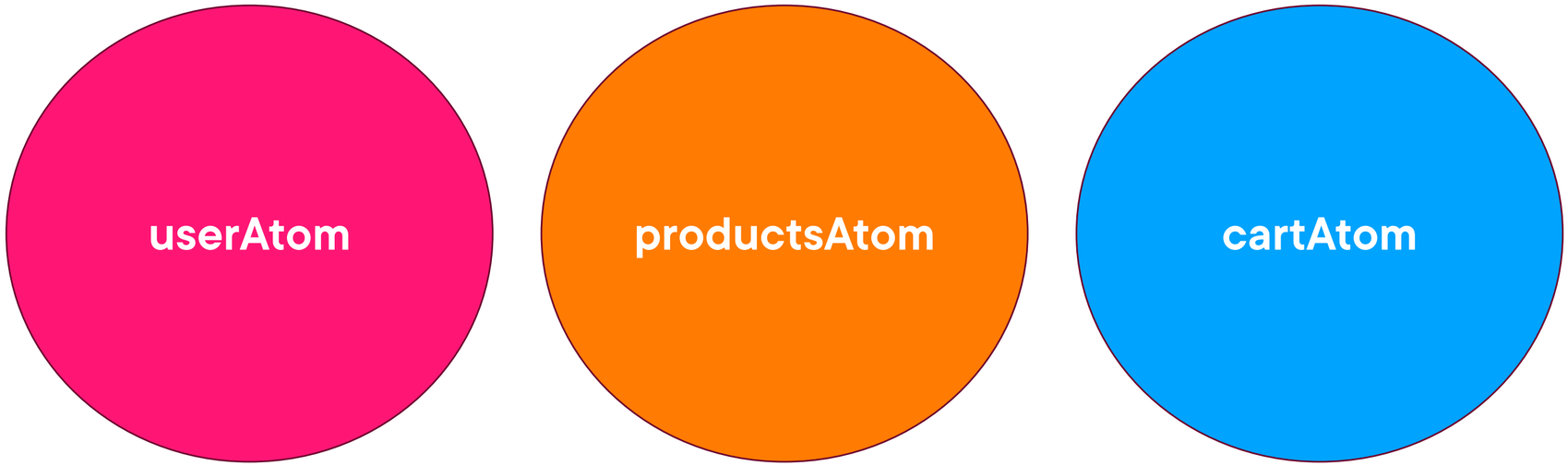
Recoil vs. Jotai

Demo: Jotai

What Is Atomic State?

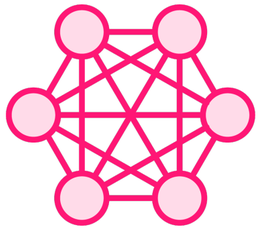
Atomic State

Pieces of composable state.

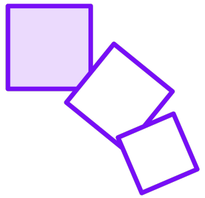


Any component can import
an atom to read and write data.

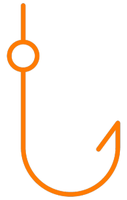
Atomic State Benefits



Access an atom's state in any React component



Same immutable state model as React



API looks like useState

Demo

Jotai

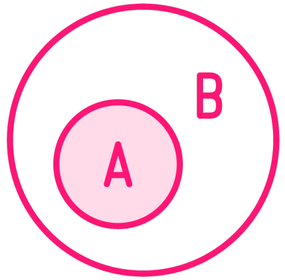
Recoil vs. Jotai

Recoil	vs.	Jotai
Many separate atoms		Many separate atoms
Requires wrapping app in Provider		Provider optional
Associate atoms via string keys		Associate atoms via object refs
Optimize via selectors		Optimize via read/set only hook
Built-in async state, error handling		Simple, small API
Original		More popular

Jotai

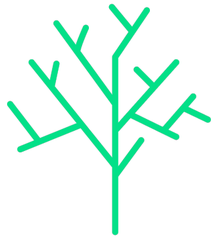
General vs. Specific

Mutable vs. Immutable

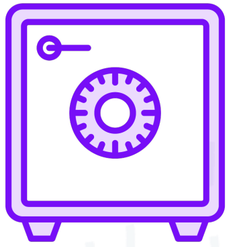


External vs. Internal

Auto vs. Manual



One Store vs. Multiple



Protected vs. Unprotected

Summary

Atomic State

- Pieces of composable state

Jotai

- Similar API to useState
- Granular render optimizations

Up Next:

Proxy State