

Remote State



Cory House

Consultant

@housecor | reactjsconsulting.com

Overview



What is remote state?

Why is it useful?

Popular libraries

Tanstack Query Demo



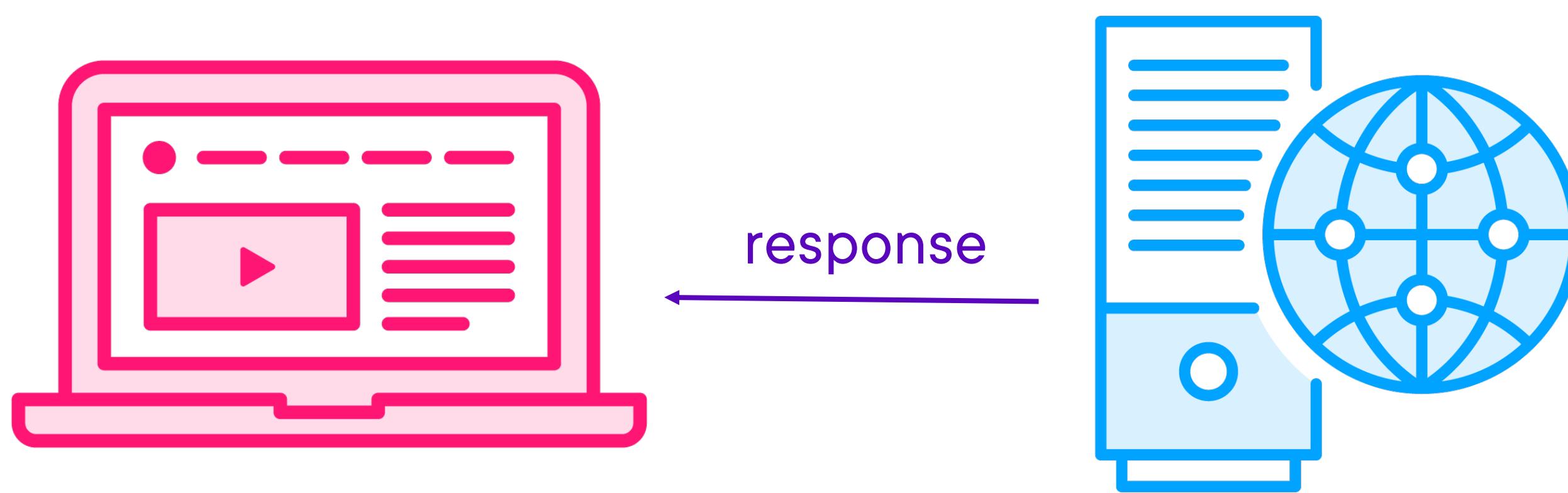


What Is Remote State?

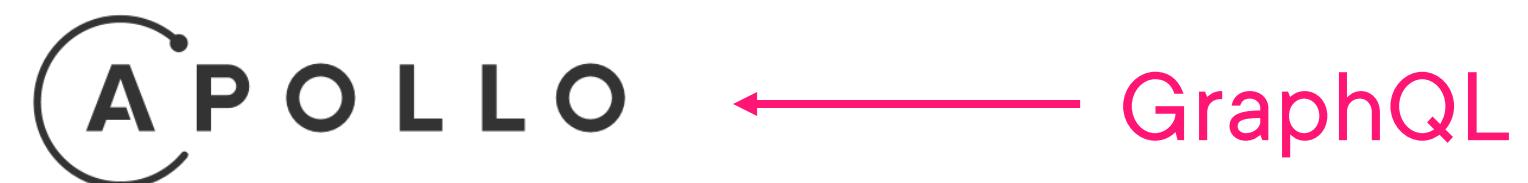
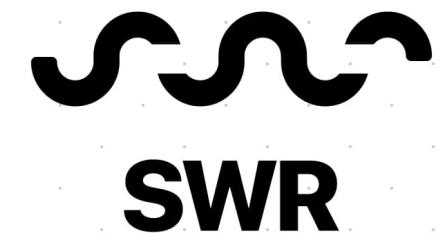


Remote State

State fetched from a server



Popular Remote State Libraries



Remote State Benefits



Streamline fetching



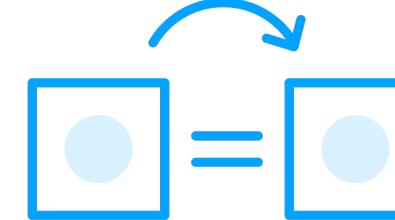
Loading, error state



Cache / persist



**Fetch on reconnect
or refocus**



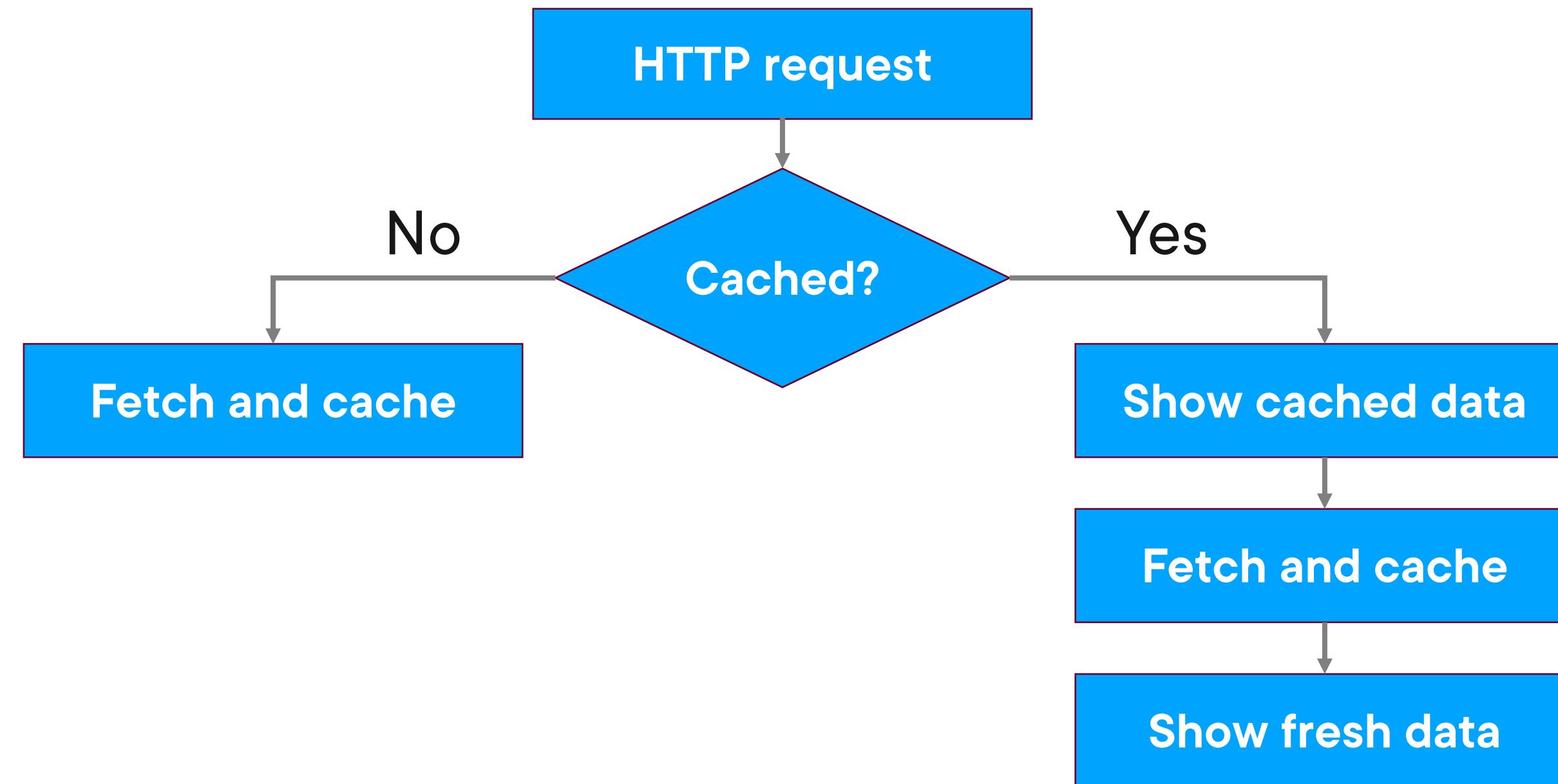
Dedupe requests



Devtools



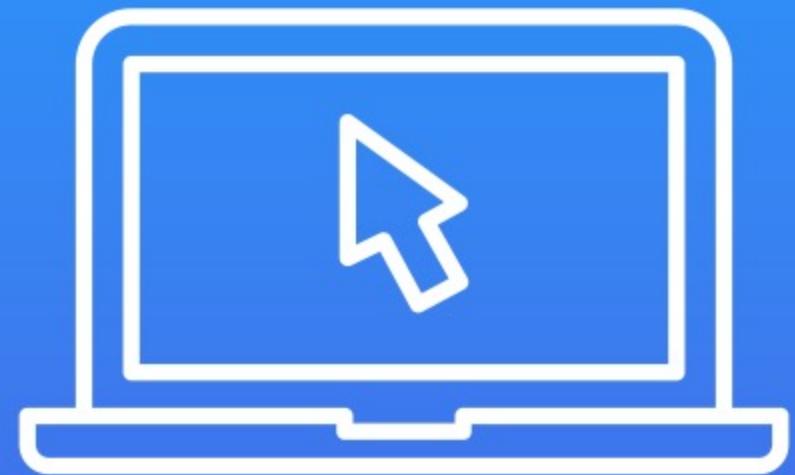
Stale While Revalidate



**[https://twitter.com/housecor/status/143776570984992
7684](https://twitter.com/housecor/status/1437765709849927684)**



Demo



Tanstack Query



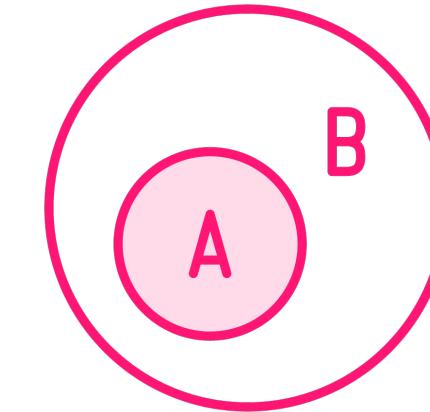
Tanstack Query



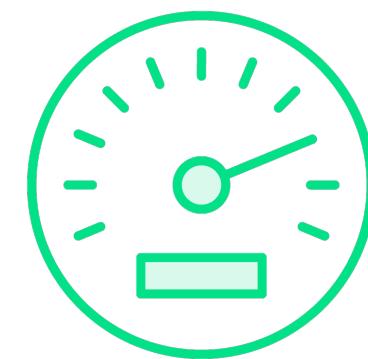
General vs. Specific



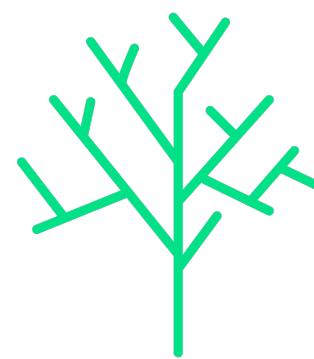
Mutable vs. Immutable



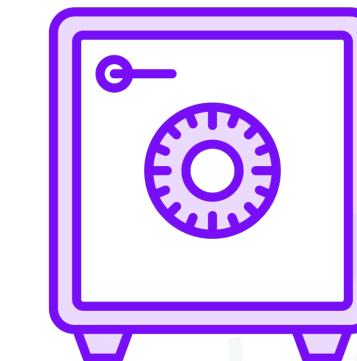
External vs. Internal



Auto vs. Manual



One Store vs. Multiple



Protected vs. Unprotected



Summary



Remote state is data fetched via HTTP

Many benefits

- Less code
- Built-in loading and error state
- Caching
- Fetch on reconnect/focus
- Deduped requests
- Devtools

Tanstack Query Demo





Cory House

Pluralsight Author | 6947 Followers

Cory is the principal consultant at reactjsconsulting.com, where he has helped dozens of companies transition to React. Cory has trained over 10,000 software developers at events and businesses worldwide. He is a seven time Microsoft MVP, and speaks regularly at conferences around the world. Cory li... [Show All](#)

<http://www.bitnative.com>

Following

4.7/5

Total ratings 11,563

Content Authored (15)

TOPICS: (1)

Software Development

Managing State in React 18

Course · Intermediate · 4 hr 27m · Oct 29, 2023 · ★★★★★ (22)

React 18: The Big Picture

Course · Beginner · 1 hr 6m · Dec 19, 2022 · ★★★★★ (62)

Next.js 12: The Big Picture

Course · Beginner · 50m · Jun 23, 2022 · ★★★★★ (52)

Building Applications with React 17 and Redux

Course · Intermediate · 6 hr 39m · Jul 18, 2021 · ★★★★★ (2,070)

Building a JavaScript Development Environment

Course · Beginner · 4 hr 55m · Mar 15, 2021 · ★★★★★ (738)

Managing React State

Course · Intermediate · 5 hr 6m · Aug 19, 2020 · ★★★★★ (248)

