NEXT.JS - FETCHING AND MUTATIONS CHEAT SHEETS

INVOCATION EXECUTION DATA USAGE



server server

FETCHING IN NODE.JS

- fetch
- axios
- https
- request

.... many others



client server server

FIRST LOADING

- from Page
- from SSR comp
- from SSR nested in CSR
- server actions in CSR
- server actions in SSR
- route handler in CSR

USER EVENT

- server actions in CSR 'action' prop on form element 'formAction' prop on other elements 'use server' at the top of server file
- server actions in SSR Server-only form Fake form
- server actions in Page Server-only form Fake form
- route handler in CSR



client server client

FIRST LOADING

- from Page to CSR
- from SSR comp to CSR
- from SSR nested in CSR
- server actions in CSR
- server actions in SSR
- route handler in CSR
- passing promises to CSR

USER EVENT

- server actions in CSR 'action' prop on form element 'formAction' prop on other elements ***async/await or startTransition 'use server' at the top of server file
- route handler in CSR



client client server

FIRST LOADING

- browser API call + server action
- browser API call + POST route handler

USER EVENT

- browser API call + server action
- browser API call + route handler



client client client

FIRST LOADING

• browser API call

USER EVENT

• browser API call



server server client

- Websockets
- SSE
- Long Polling
- SignalR
- Firebase Realtime
- HTTP/2 Server Push
- MQTT