

The background of the slide features a wide-angle photograph of a natural landscape. In the foreground, there's a dirt path leading through a field of dry, yellowish-green grass. To the left, a large, turquoise-blue lake stretches towards the horizon. In the background, a range of mountains with snow-capped peaks rises against a bright blue sky with scattered white clouds.

NILS HARTMANN

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# Modern React SPAs with TanStack Router and Query

# NILS HARTMANN

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**Java, Spring, GraphQL, React, TypeScript**



<https://graphql.schule/video-kurs>

<https://reactbuch.de>

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# TanStack Query

*(formerly known as React Query)*

<https://tanstack.com/query/latest>

All-inclusive DataFetching solution for React (and others)

Bye, bye, useEffect

Suspense, Caching, TypeSafety, Error Handling

# TanStack Router

<https://tanstack.com/router/latest>

Filebased, typesafe Routing

Search Params as global State

# Should I use it?

Mainstream und sehr verbreitet

Würde ich in (fast) jedem Fall für Data Fetching verwenden

# TanStack Query

Seems to be de-facto standard nowadays

Would use it in almost all cases

(Exceptions: GraphQL, Redux)

# TS Router

Quite new (less than one year)

Very active development

Not as widely used as React Router

## Example application

Source-Code:

<https://react.schule/ijs-tanstack>

I will commit my live coding source code on an own branch

# Thank you very much!

Slides & Code: <https://react.schule/ijs-tanstack>

Questions and contact:

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