

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 distant, snow-capped mountain peaks under a clear blue sky with scattered white clouds.

NILS HARTMANN

<https://nilshartmann.net>

Mastering
React
with **TanStack**
Router and **Query**

IJS LIVE EVENT | ONLINE, FEBRUARY 25, 2025 | @NILSHARTMANN

NILS HARTMANN

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Java, Spring, GraphQL, React, TypeScript



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

<https://reactbuch.de>

HTTPS://NILSHARTMANN.NET

TanStack

<https://tanstack.com/>



TANSTACK

**High-quality open-source
software for web developers.**

Headless, type-safe, & powerful utilities for Web Applications, Routing, State Management, Data Visualization, Datagrids/Tables, and more.

TanStack Query

(formerly known as React Query)

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

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All-inclusive Data Fetching solution for React (and others)

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All-inclusive Data Fetching solution for React (and others)

Suspense, Caching, TypeSafety, Error Handling

TanStack Router

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

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Filebased, typesafe Routing

TanStack Router

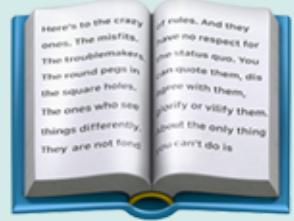
<https://tanstack.com/router/latest>

Filebased, typesafe Routing

Search Params as global State

Code Examples

(You get the link to the code later)



Summary

Should I use it?

SUMMARY

TanStack Query

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Seems to be de-facto standard nowadays

(often in combination with zod)

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I really like it and would use it in almost all cases

(Exceptions: GraphQL, Redux)

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TanStack Router

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Would I use it? Probably, but...

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Quite new (less than one year!)

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TanStack Router

Would I use it? Yes!

But keep in mind...

Very active development (can be hard to keep up)

Not as widely used (as React Router)

DEMO

Example application

Source-Code and Slides:

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

Thank you very much!

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

Questions and contact:

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<https://nilshartmann.net/contact>