

Training TypeScript

Short recap – day #2



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Proficiat...



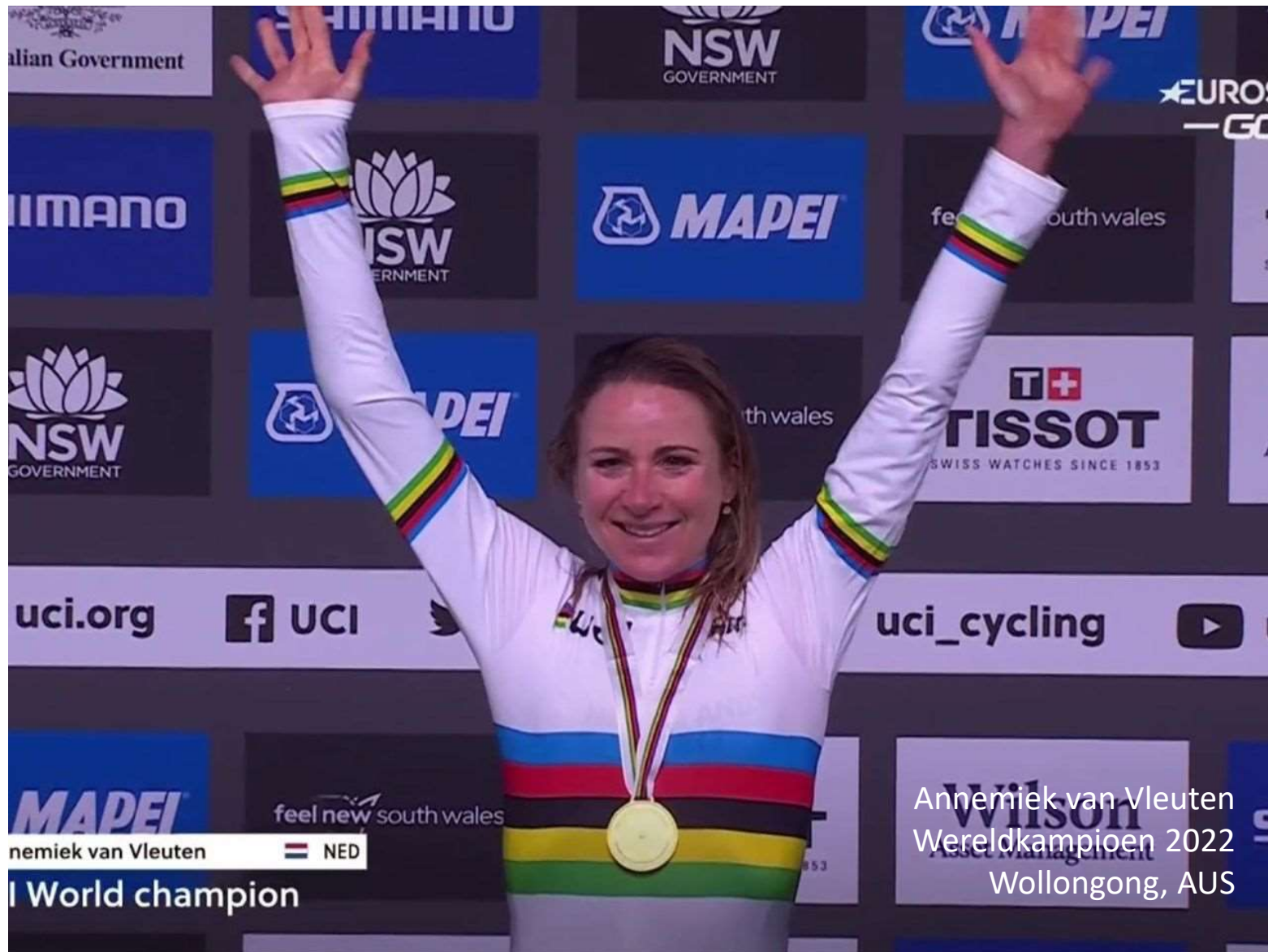
Remco Evenepoel,
Wereldkampioen 2022
Wollongong, AUS

Wij hebben ook een wereldkampioen...



Karolien Florijn
Wereldkampioen Skiff 2022
Racice, CZE

Of twee 😁...



*A quick recap
on introducing
myself...*



IT & TECH

[bekijk trainingen](#)



BUSINESS

[bekijk trainingen](#)

HARDLOPERS IT & TECH

- » Power BI
- » Azure Data Factory
- » Python
- » Data Management
- » Active Directory
- » CISSP Security

- » Data Analyse
- » React.js
- » Kibana
- » React Native
- » Docker Enterprise
- » Testautomatisering

HARDLOPERS BUSINESS

- » ElasticSearch Fundamentals
- » Kubernetes
- » Networking Fundamentals
- » SQL
- » Angular
- » Tableau

Peter Kassenaar

- Trainer, author, developer – since 1996
- Specialty: *"Everything JavaScript"*
- JavaScript, TypeScript, Angular, Vue, React, NodeJS

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VOOR ONDERNEMERS

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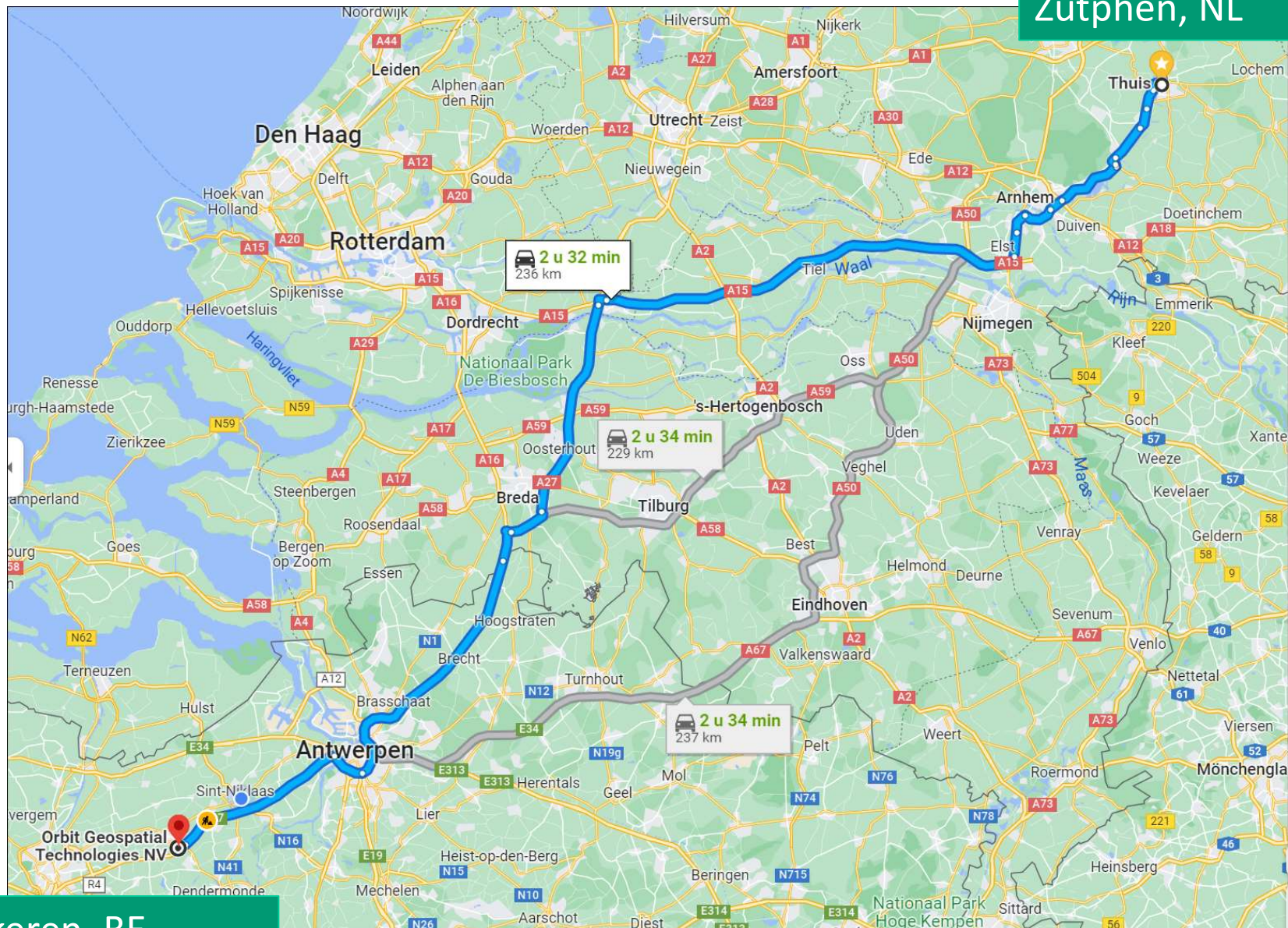
woonbron

OBERON INTERACTIVE



the eforum
FACTORY

Zutphen, NL



Lokeren, BE

github.com/PeterKassenaar/orbit

The screenshot shows the GitHub repository page for `PeterKassenaar/orbit`. The repository is public and has 1 branch (main) and 0 tags. The commit history shows an initial commit by PeterKassenaar 44 seconds ago, with 1 commit in total. The file list includes `.gitignore`, `LICENSE`, and `README.md`, all from the initial commit. The `README.md` file is open, showing the title `orbit` and the description "Slides and examples on the training TypeScript - September 2022". The right sidebar contains the "About" section, which describes the repository as "Slides and examples on the training TypeScript - September 2022" and lists statistics: 0 stars, 1 watching, and 0 forks. The "Releases" and "Packages" sections both indicate that no releases or packages have been published.

Search or jump to... Pull requests Issues Marketplace Explore

PeterKassenaar / orbit Public

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags Go to file Add file Code

PeterKassenaar Initial commit 9bda619 44 seconds ago 1 commit

File	Commit	Time
.gitignore	Initial commit	44 seconds ago
LICENSE	Initial commit	44 seconds ago
README.md	Initial commit	44 seconds ago

README.md

orbit

Slides and examples on the training TypeScript - September 2022

About

Slides and examples on the training TypeScript - September 2022

- Readme
- MIT license
- 0 stars
- 1 watching
- 0 forks

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

New colleagues: *Introduce yourself shortly*

Current knowledge, JavaScript, TypeScript, more?

HTML, CSS, JavaScript - knowledge?

Other (web) languages?

Expectations of the training?

Specific or current projects?

Specific questions or techniques you want to learn about?

On day #2, Sept. 16th we covered:

- Generics<T>
 - Type Constraints
 - `const myFunction<T extends SomeType> = () => {...}`
- Types vs. Interfaces
 - No functional differences
 - `extends` vs Union Types and Intersection Types
- Namespaces / modules – Short, N/A
- Type Guards
 - `typeof` and `instanceof` operators



Questions?

Today & Tomorrow

- **Type Guards**: the `in` and `asserts` operator
- **Type Queries** `<T, K extends keyof T>`
- **Mapped Types**
- **Conditional Types**
- Creating **overloaded** functions
- Types in combination with **React Components**
 - And UI libraries
- Common TypeScript **mistakes**
- ...



Tomorrow - 27 September 2022

- ...
- Creating custom TypeScript Decorators
- Common TypeScript mistakes

See you then!

