



Global Knowledge®

Angular + TypeScript

Korte herhaling dag #2

Peter Kassenaar –
info@kassenaar.com

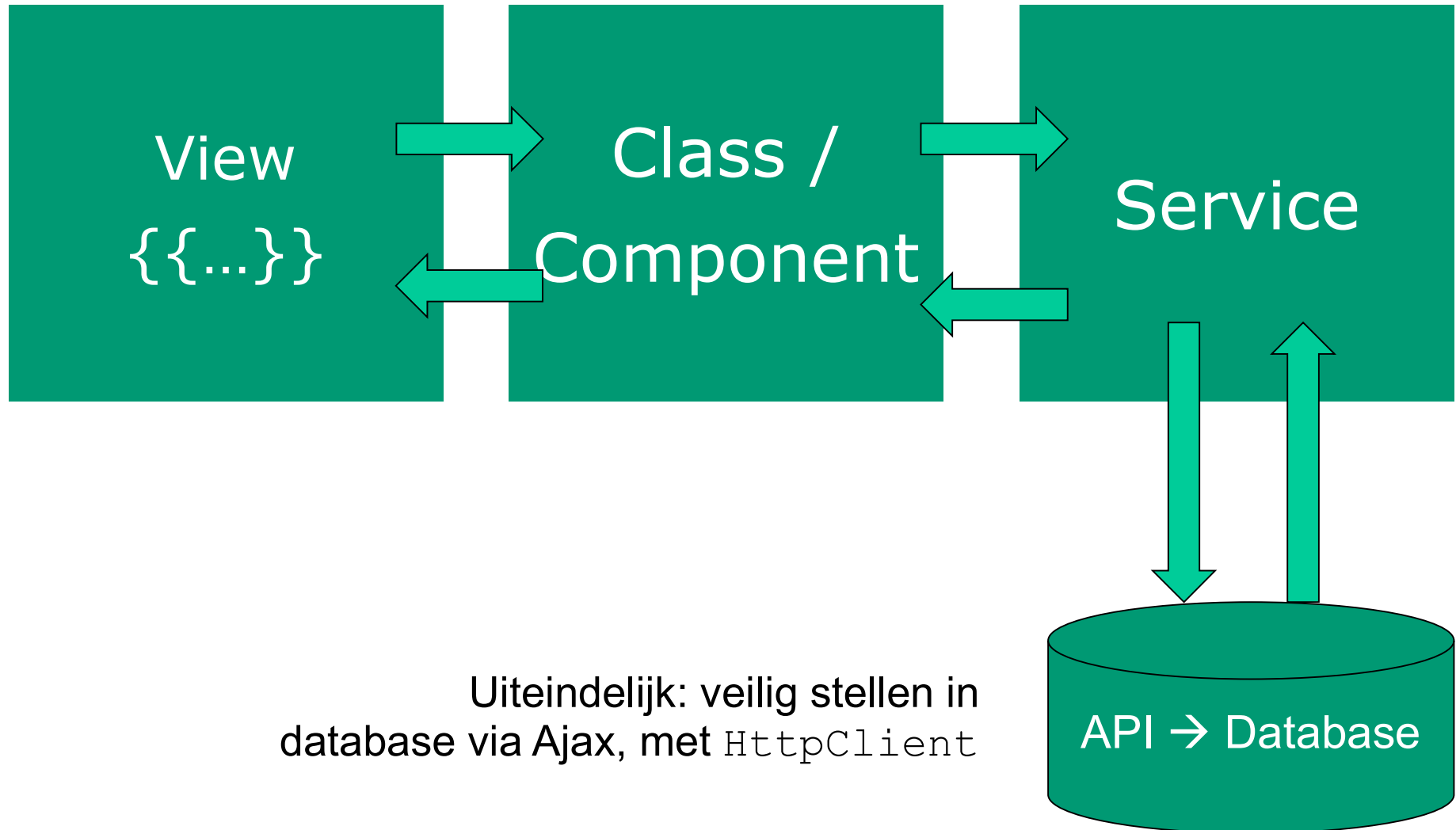
WORLDWIDE LOCATIONS

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SAUDI ARABIA SINGAPORE SPAIN SWEDEN UNITED ARAB EMIRATES UNITED KINGDOM UNITED STATES OF AMERICA

22 november, dag #2

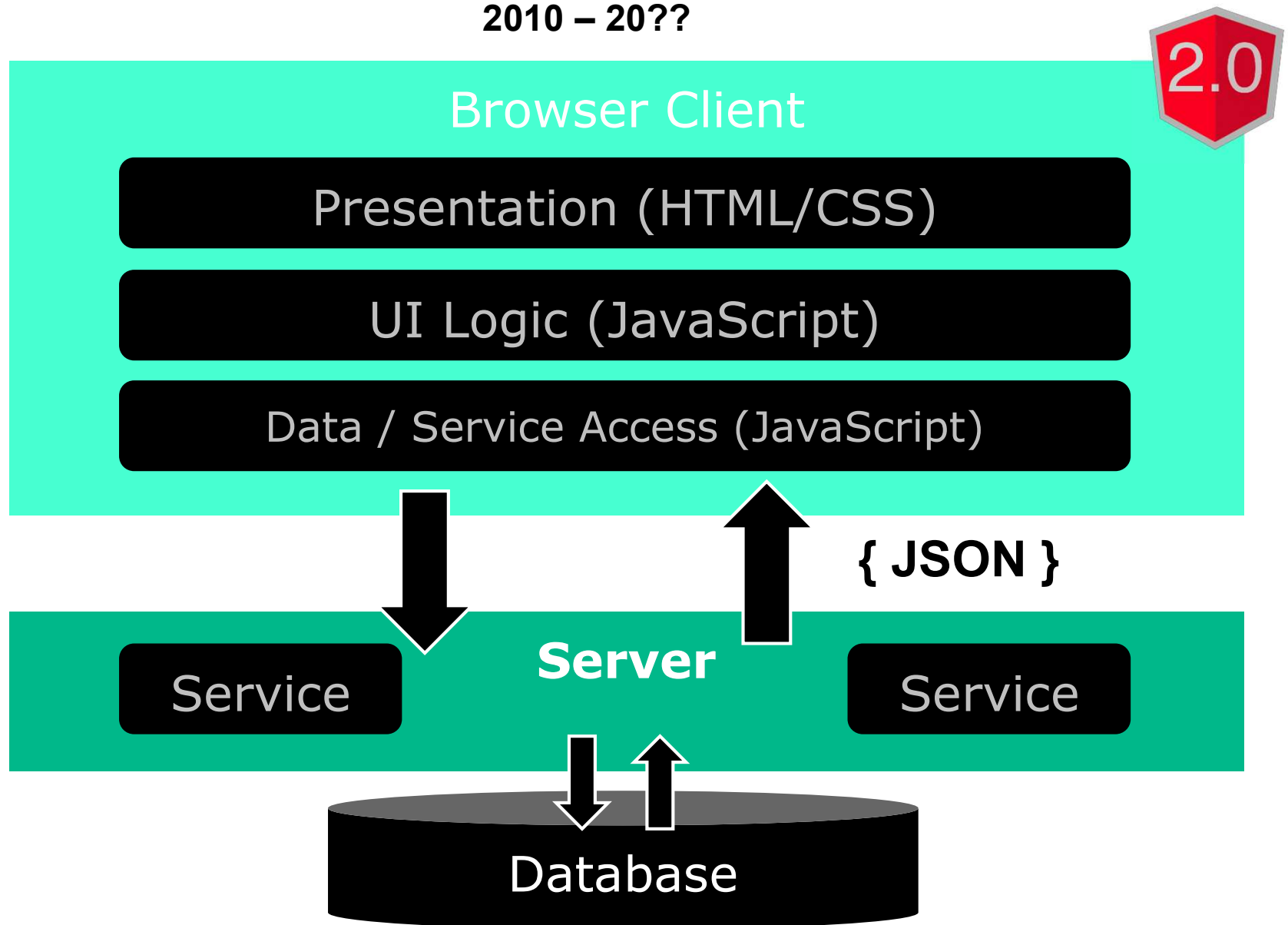
- Two-way binding met `[(ngModel)]`
- Services met `@Injectable()`
 - Static services
 - Data niet meer via componenten
 - Werken met `HttpClient`, `Observables` en `RxJS`
 - Lokale `.json`-bestanden laden (=asynchroon)
 - `.subscribe()`, `.pipe()`, operators.
- Component **Communication**
 - `@Input()`, `@Output()`

Data flow

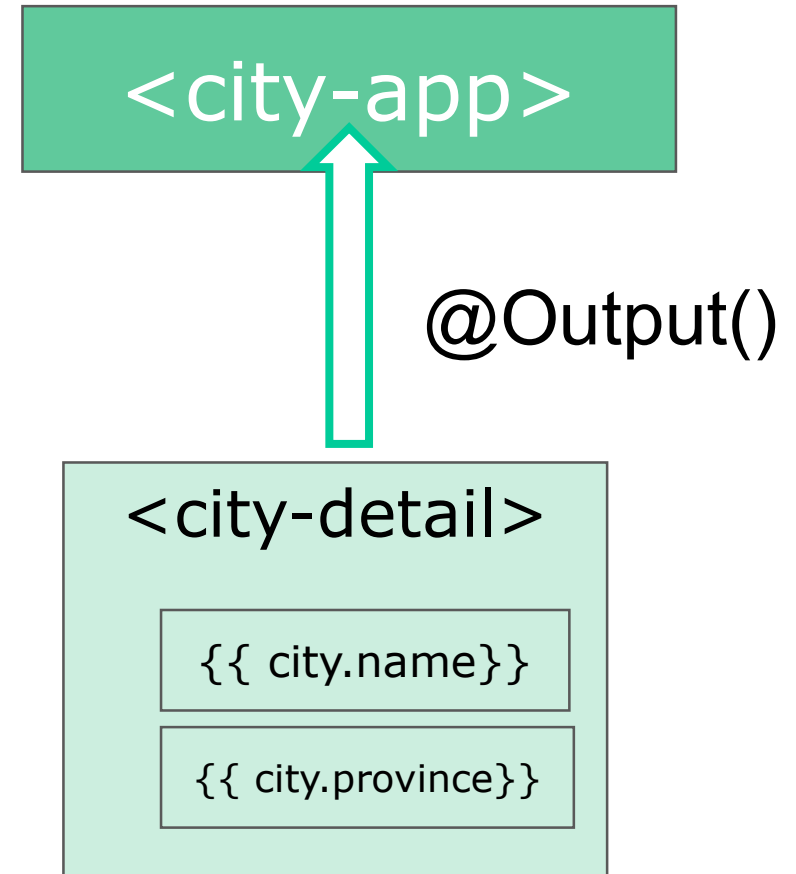
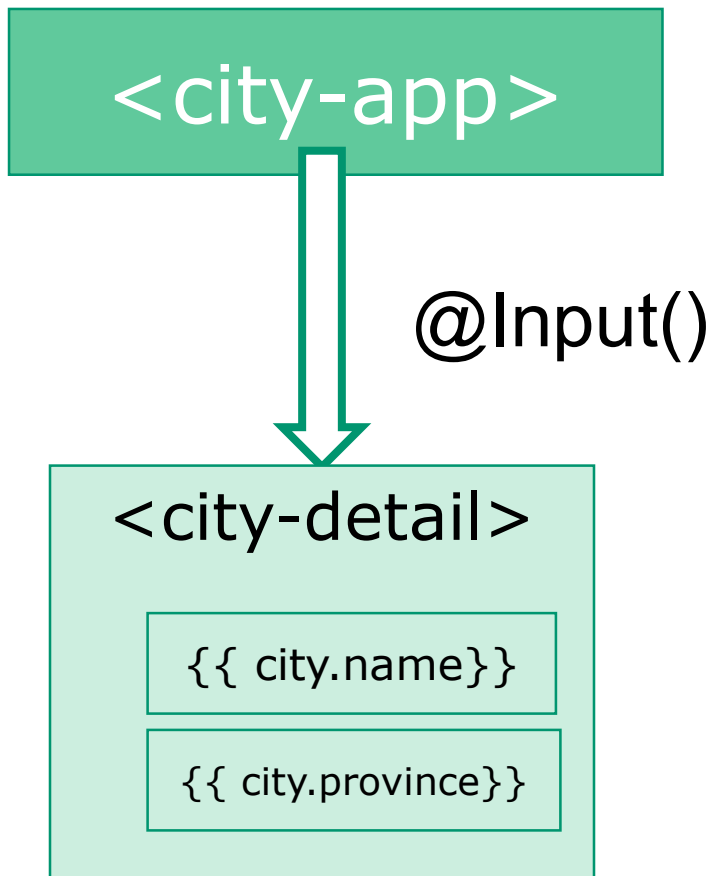


Single Page Application

2010 – 20??



Parent-Child flow en Child-Parent flow



Vragen?

Dag #3, vrijdag 26 augustus 2022

- **Component Communication,**
 - `@Input()`, `@Output()`,
 - Custom event bus met `Subject<Type>()`
- **Routing**
 - Basic routing
 - Routing parameters
- **Forms**
 - Template Driven Forms
 - Reactive Forms
- **Evals & goodbye**

Maar eerst: Angular Style Guide

The screenshot shows the Angular website's navigation bar with links for FEATURES, DOCS, RESOURCES, EVENTS, and BLOG. A search bar is located on the right. The left sidebar contains a list of categories: GETTING STARTED, TUTORIAL, FUNDAMENTALS, TECHNIQUES (highlighted with a blue checkmark), Internationalization (i18n), Security, Setup & Deployment, Upgrading, Visual Studio 2015 QuickStart, Style Guide (highlighted with a blue dot), Glossary, and API. Below the API link, a dropdown menu shows 'stable (v4.4.6)'. The main content area is titled 'Style Guide' and contains an introductory paragraph, a section for 'Style vocabulary' with guidelines on 'Do', 'Consider', and 'Avoid', and a section for 'File structure conventions'. The right sidebar lists a detailed table of contents for the Style Guide, including items like 'Style vocabulary', 'File structure conventions', 'Single responsibility', 'Rule of One', 'Small functions', 'Naming', 'General Naming Guidelines', 'Separate file names with dots and dashes', 'Symbols and file names', 'Service names', 'Bootstrapping', 'Directive selectors', 'Custom prefix for components', 'Custom prefix for directives', 'Pipe names', 'Unit test file names', 'End-to-End (E2E) test file names', and 'Angular NgModule names'.

ANGULAR FEATURES DOCS RESOURCES EVENTS BLOG Search

GETTING STARTED
TUTORIAL >
FUNDAMENTALS >
TECHNIQUES ✓
Internationalization (i18n)
Security
Setup & Deployment >
Upgrading >
Visual Studio 2015 QuickStart
Style Guide
Glossary
API
stable (v4.4.6)

Style Guide

Looking for an opinionated guide to Angular syntax, conventions, and application structure? Step right in! This style guide presents preferred conventions and, as importantly, explains why.

Style vocabulary

Each guideline describes either a good or bad practice, and all have a consistent presentation.

The wording of each guideline indicates how strong the recommendation is.

Do is one that should always be followed. *Always* might be a bit too strong of a word. Guidelines that literally should always be followed are extremely rare. On the other hand, you need a really unusual case for breaking a *Do* guideline.

Consider guidelines should generally be followed. If you fully understand the meaning behind the guideline and have a good reason to deviate, then do so. Please strive to be consistent.

Avoid indicates something you should almost never do. Code examples to *avoid* have an unmistakable red header.

Why? gives reasons for following the previous recommendations.

File structure conventions

Some code examples display a file that has one or more similarly named companion files. For example,

- Style Guide
- Style vocabulary
- File structure conventions
- Single responsibility
- Rule of One
- Small functions
- Naming
 - General Naming Guidelines
 - Separate file names with dots and dashes
 - Symbols and file names
 - Service names
 - Bootstrapping
 - Directive selectors
 - Custom prefix for components
 - Custom prefix for directives
 - Pipe names
 - Unit test file names
 - End-to-End (E2E) test file names
 - Angular NgModule names

<https://angular.io/guide/styleguide>

Zijn de doelen bereikt?

1. Je leert over de **structuur en architectuur** van Angular Apps. Van een kleine `hello-world` app tot een grote Enterprise applicatie.
2. Je bent bekend met de belangrijkste **Angular concepten** van het framework. Specifieke details kun je altijd Googelen.
3. Je hebt **enige hands-on ervaring** met het maken van apps en componenten, services, API's/backends, component communicatie.
4. Je hebt een **algemeen begrip** van de manier waarop moderne web apps worden gemaakt met Angular, TypeScript en build tools.

Evaluatie

- Gebruik de link onder **Evaluatie** in de Global Knowledge Github Repo



The screenshot shows a web browser window with the URL `globalknowledge.az1.qualtrics.com/jfe/form/SV_2l9xxtKvLOyJCKN?EVENTID=NL212491`. The page features the Skillsoft Global Knowledge logo at the top left. A progress bar at the top center indicates 0% completion. On the right, there is a language dropdown menu set to 'Nederlands'. The main text reads: 'Gefeliciteerd met het afronden van uw cursus. Om ervoor te zorgen dat we effectieve leeroplossingen blijven bieden die aan uw behoeften voldoen, hebben we uw feedback nodig. Door middel van het beantwoorden van deze cursusevaluatie helpt u ons hierbij. Het invullen zal ongeveer 5 - 8 minuten duren.' A pink 'Next' button is located at the bottom right.

https://globalknowledge.az1.qualtrics.com/jfe/form/SV_2l9xxtKvLOyJCKN?EVENTID=NL209369

If you liked it, endorse

The screenshot shows a LinkedIn profile page. The top navigation bar includes the LinkedIn logo, a search bar, and icons for Home, My Network (with a red notification badge), Jobs, Messaging, Notifications, Me, and Work. The main content area on the left shows a section for education with the text 'duursporten (lopen, zwemmen, fietsen, roeien, schaatsen). Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG).'. Below this is a blue button labeled 'Add new profile section'. The 'Featured Skills & Endorsements' section is circled in red and contains three skills: 'Teaching' (3 endorsements from Youri Pattynama and 2 connections), 'TypeScript' (3 endorsements from Youri Pattynama and 2 connections), and 'Angular' (2 endorsements from Momen El Kamri and 1 connection). A link 'See 26 more skills' is at the bottom of this section. The 'Recommendations' section is partially visible at the bottom. On the right side, there is a blue button 'Add new profile section' and a 'Messaging' button at the bottom right.

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Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG).
[See more education](#) ✓

Featured Skills & Endorsements [Add a new skill](#) ✎

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TypeScript · 3 Youri Pattynama and 2 connections have given endorsements for this skill

Angular · 2 Momen El Kamri and 1 connection have given endorsements for this skill

[See 26 more skills](#) ✓

Recommendations [Ask to be recommended](#) ✎

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<https://www.linkedin.com/in/peterkassenaar/>



www.angulartraining.nl