



Global Knowledge®



Angular Extended Short recap – day #1

Peter Kassenaar –

info@kassenaar.com

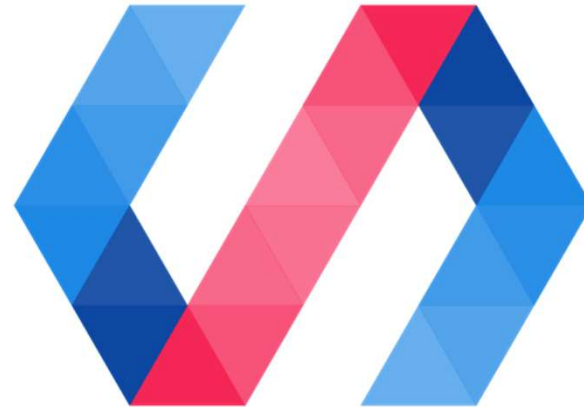
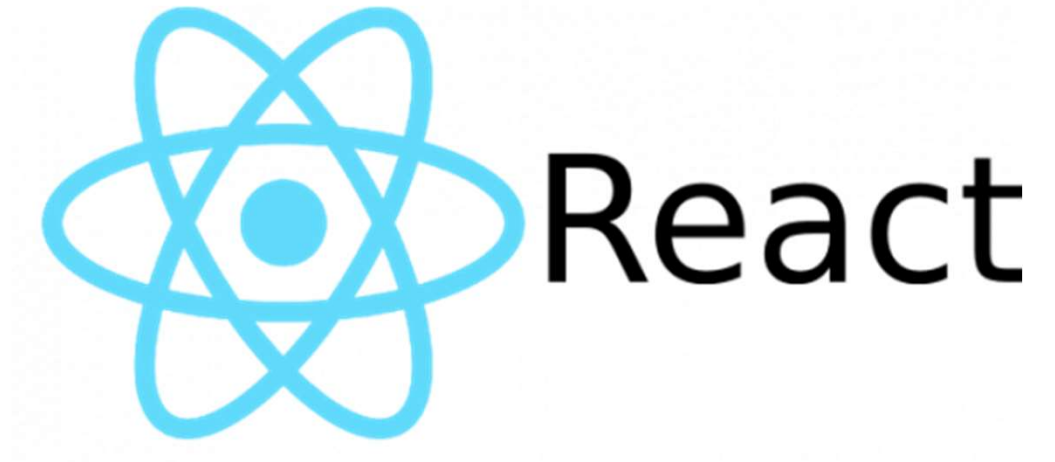
WORLDWIDE LOCATIONS

BELGIUM CANADA COLOMBIA DENMARK EGYPT FRANCE IRELAND JAPAN KOREA MALAYSIA MEXICO NETHERLANDS NORWAY QATAR
SAUDI ARABIA SINGAPORE SPAIN SWEDEN UNITED ARAB EMIRATES UNITED KINGDOM UNITED STATES OF AMERICA

Agenda Extended - 2 dagen

- **Short recap** - questions?
- **Architecture**
 - Multiple modules, flexible applications
 - Shared modules, to reuse code
- **Design patterns**
 - Smart Components/view components
 - Content Projection
- **Creating monorepo's**
 - Discussion
 - Multiple apps / shared libraries
 - Publishing your libraries (to NPM, or internally)

Front-end Frameworks – the big four



Data binding

- Notatiewijze in HTML-views/templates

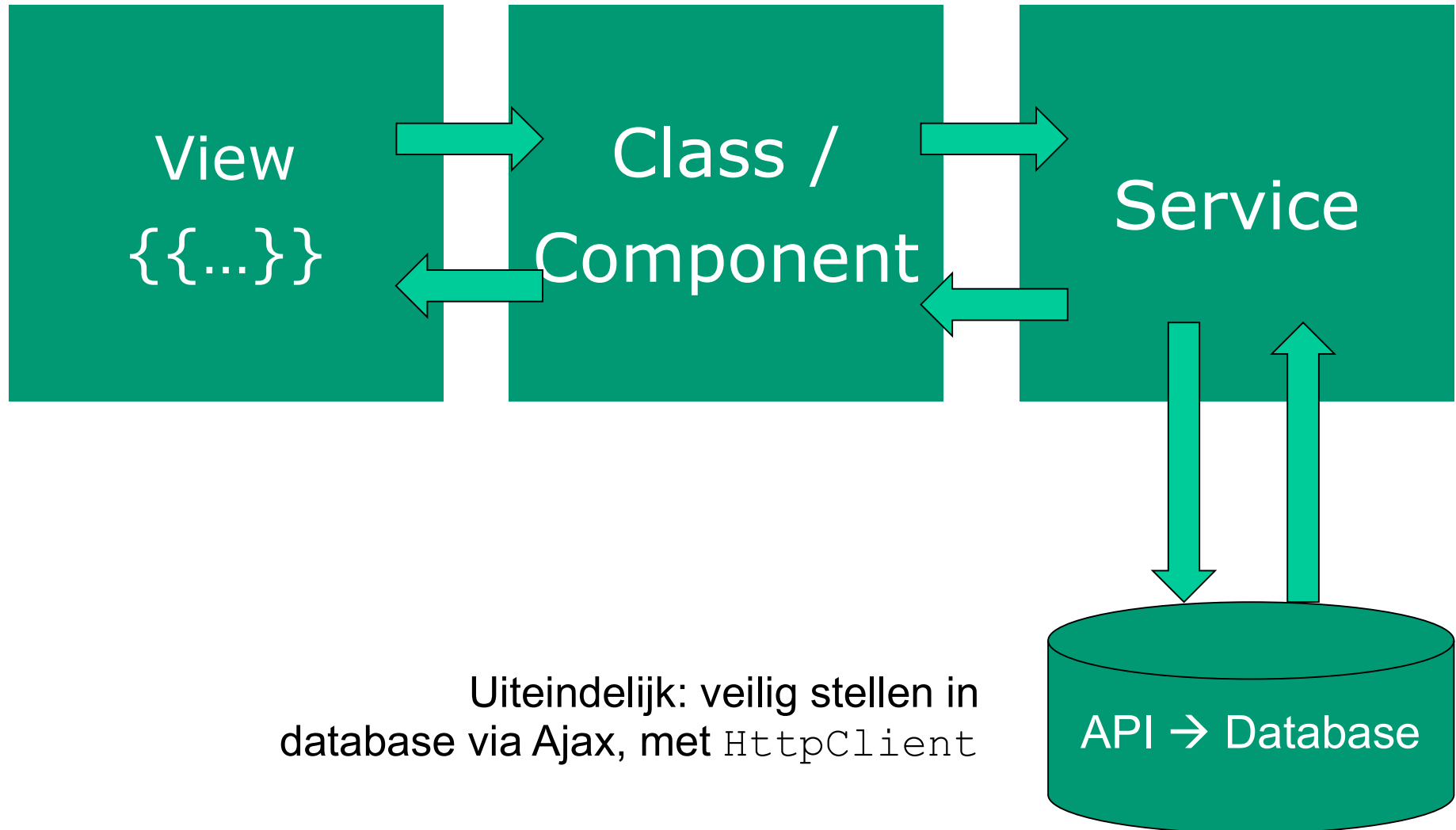
- 1. Simple data binding `{{ ... }}`

- 2. Event binding `(...)= "..."`

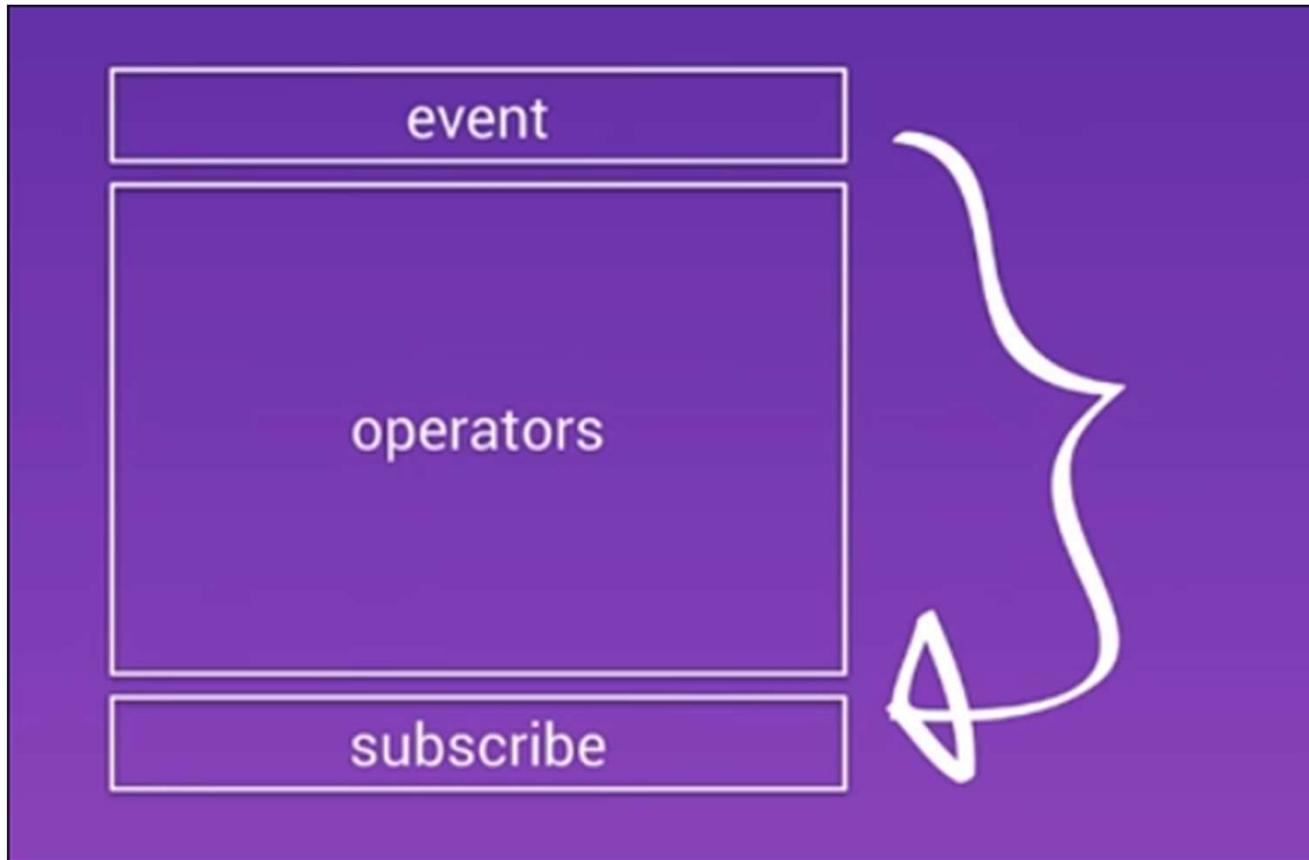
- 3. One-way data binding `[...]= "..."`

- 4. Two-way data binding `[(ngModel)] = "..."`

Data flow



Subscribe to events



Async pipe

- In de component:

```
Cities$: Observable<City[]>; // Nu: Observable naar Type  
...
```

```
ngOnInit() {  
    // Call naar de service, retourneert Observable  
    this.cities$ = this.cityService.getCities()  
}
```

- In de view:

```
<li *ngFor="let city of cities$ | async">
```

<https://www.learnrxjs.io/>

The screenshot shows a web browser at the URL `learnrxjs.io/learn-rxjs/operators`. The page has a light blue sidebar on the left with the 'Learn RxJS' logo and a search icon. The sidebar contains a 'LEARN RXJS' section with a dropdown menu for 'Operators' (which is expanded to show sub-categories like Combination, Conditional, Creation, etc.) and other sections like Subjects, Recipes, and Concepts. The main content area is titled 'Operators' and contains a paragraph: 'A complete list of RxJS operators with clear explanations, relevant resources, and executable examples.' Below this is a link: 'Prefer a complete list in alphabetical order?'. Further down is a section titled 'Contents (By Operator Type)' which lists three categories: 'Combination' (with sub-items like `combineAll`, `combineLatest`, `concat`, etc.), 'Conditional' (with sub-items like `defaultIfEmpty`, `every`, `iif`, etc.), and 'Creation' (partially visible). A right-hand sidebar contains a 'CONTENTS' menu with links to 'Contents (By Operator Type)' and 'Additional Resources'. At the bottom left of the main content area, there is a 'Powered by GitBook' logo.

Learn RxJS

Introduction

LEARN RXJS

Operators

Combination

Conditional

Creation

Error Handling

Multicasting

Filtering

Transformation

Utility

Full Listing

Subjects

Recipes

Concepts

Powered by GitBook

Operators

A complete list of RxJS operators with clear explanations, relevant resources, and executable examples.

[Prefer a complete list in alphabetical order?](#)

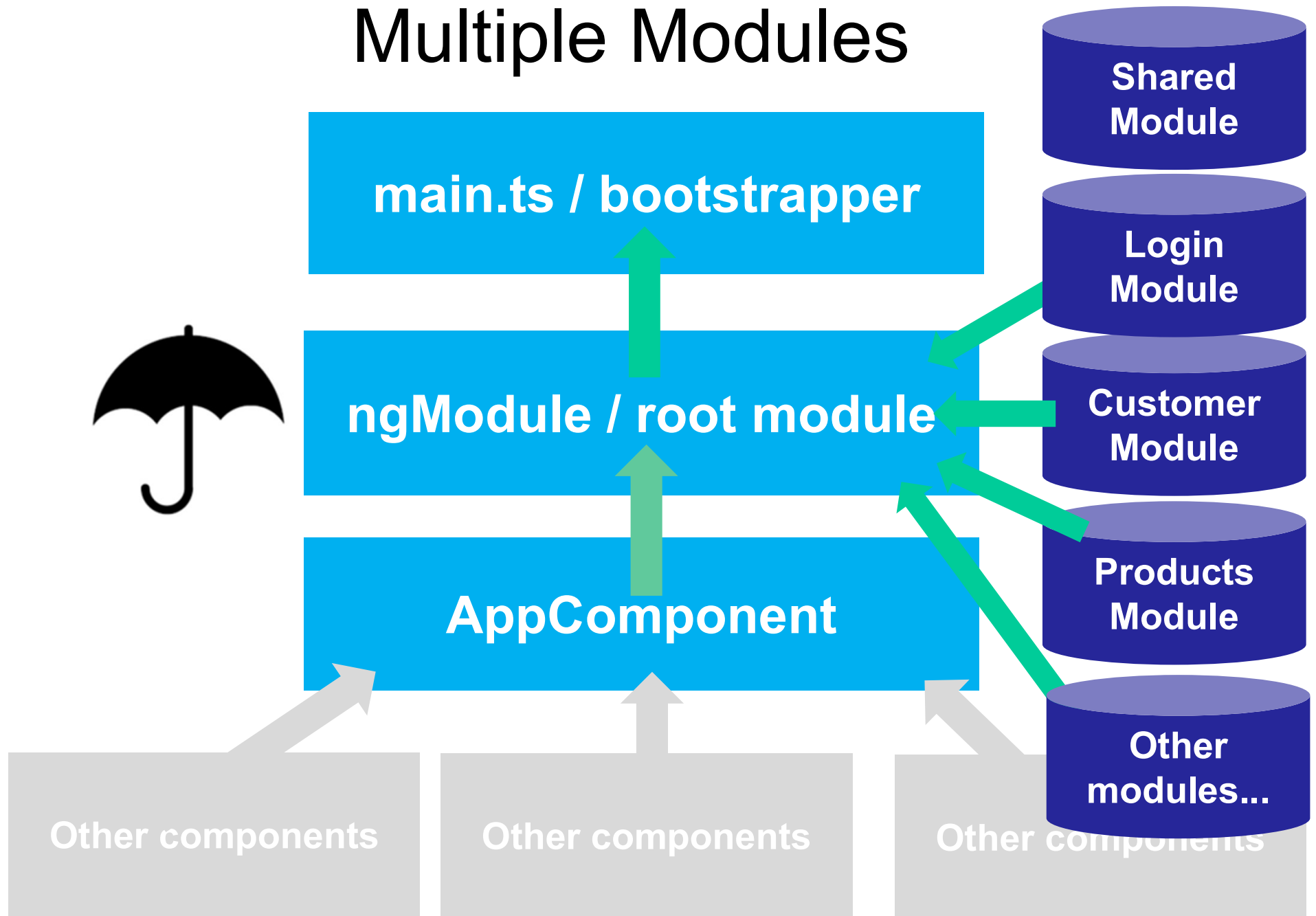
Contents (By Operator Type)

- Combination
 - `combineAll`
 - `combineLatest` ★
 - `concat` ★
 - `concatAll`
 - `endWith`
 - `forkJoin`
 - `merge` ★
 - `mergeAll`
 - `pairwise`
 - `race`
 - `startWith` ★
 - `withLatestFrom` ★
 - `zip`
- Conditional
 - `defaultIfEmpty`
 - `every`
 - `iif`
 - `sequenceEqual`
- Creation

Gisteren:

- **Architecture**
 - Multiple modules, flexible applications
 - Shared modules, to reuse code
- **Design patterns**
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Multiple Modules




Examples ../130-content-projection

Content Projection

localhost:4200

☆ 🔍 📄 📱 📺 ⚙️ 🌐

Component: Card 1




Relax

Get some rest while visiting beautiful landscapes and enjoying the mountains and the sea.

No content projection used in this component

LEARN MORE

Component: Card 2




Free life

Escape the city, avoid rush hour, no more deadlines. Get away and be free.

The title of this card is projected

LEARN MORE

Component: Card 3




Enjoy nature

Enjoy the outdoor life. Fly like an eagle and get rid of your anger, worries and stress.

The title of this card and the text contents are projected. We are using class projection here.


LEARN MORE

Component: Card 4



Hike your path

Component: Card 5



Vandaag:

- Short recap - questions?
- Architecture
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Wat moet je als backend developer weten?

- Angular **Structuur en architectuur**
 - Modules, Componenten
 - Architectuur met meerdere modules herkennen
- **Herkennen** van Template notaties:
 1. Simple data binding **{{ ... }}**
 2. Event binding **(...)="..."**
 3. One-way data binding **[...]="..."**
 4. Two-way data binding **[(ngModel)] = "..."**
- **Basisstructuur** Observables
 - Stream, Operators, Subscribe, Async Pipe
- Rest: **"Nice to have"**
 - concepten: Content projection, smart/view, monorepo)


Next up – “Advanced” (19-20 July)

- **Advanced architecture**
 - Routing (basic, routing parameters, guards)
 - Advanced routing & Lazy loading modules
 - Loading strategies
- Reactive **Forms**
- Introduction **State Management** & `@ngrx/store`
- Concise: **testing** w/ Jasmine, Karma, Cypress
- **Documenting** your project

Eval time

<https://bit.ly/3xqZHTm>

https://globalknowledge.az1.qualtrics.com/jfe/form/SV_2l9xxtKvLOyJCKN?EVENTID=NL180380



Global Knowledge.

4% Complete

Nederlands ▾

Congratulations on completing Introduction to Angular. To ensure we continue to provide effective learning solutions to meet your needs, we want your feedback! It's easy, simply complete this instructor and course evaluation. **Depending on how much time you take answering the optional open-ended and demographic questions, the survey should take 5-8 minutes to complete.**

Next

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 profile section for 'duursporten (lopen, zwemmen, fietsen, roeien, schaatsen)' with a description 'Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG)'. Below this is a 'See more education' link. The 'Featured Skills & Endorsements' section is highlighted with a red oval. It lists 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 'See 26 more skills' link is at the bottom of this section. To the right of the skills is an 'Add a new skill' button with a pencil icon. Below the skills section is a 'Recommendations' section with an 'Ask to be recommended' button and a pencil icon. On the right side of the profile, there is a blue button 'Add new profile section' and a 'Messaging' button at the bottom.

duursporten (lopen, zwemmen, fietsen, roeien, schaatsen).

Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG).

[See more education](#) ✓

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

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

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](#) ✎

[Add new profile section](#)

[Messaging](#) ✎ ⚙

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



www.angulartraining.nl