

ilionx



Global Knowledge®

# Angular Advanced Short recap day #1

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WORLDWIDE LOCATIONS

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# Day 1: Evaluation

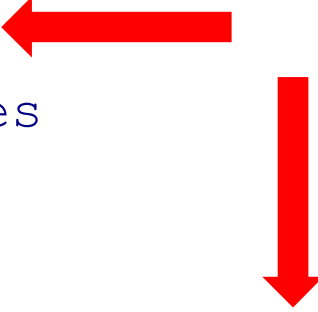
- *Vanuit Ilionx: Carin, Jorik, Fer, Stefan, Tawwab*
- Aandachtspunten:
  1. Betere **interactie** met aanwezigen
    - Wil je je camera aanzetten? (beter dan een box met je naam, meer persoonlijk gevoel bij de deelnemers)
    - Maak gebruik van de chatbox en microfoon
    - Recording om later terug te kijken – nodig?
  2. **Breakout rooms** – Overleggen in kleine groepjes, behoefte aan?
  3. **Alternatieve data**? 20-21 april is ver weg. Overige opties:
    - 7 april (dinsdag)
    - 8 april (woensdag)
    - 9 april (donderdag)
    - 15 april (woensdag)
    - 16 april (donderdag)

# Recap day 1: **Architecture**

- NG applications with multiple modules
  - Using multiple modules in your app
  - Modules and the router
- Lazy loading modules
  - `PreloadAllModules` & Custom Loading strategies
- Content Projection
  - `<ng-content select="...">`

# Configuring the router

```
let routerConfig: ExtraOptions = {  
  enableTracing: true  
  preloadingStrategy: PreloadAllModules  
};  
  
@NgModule({  
  imports: [RouterModule.forRoot(routes, routerConfig)],  
  exports: [RouterModule]  
})
```



Routing events are actually **Observables**.

Which means we can subscribe! And do something like:

```
this.router.events
  .subscribe(event =>{
    console.log(' router event: ', event);
  })
```

(Don't forget to inject router:

```
constructor(private router: Router) {  })
```

Or, in a more reactive way of programming:

```
this.router.events.pipe(  
    filter(event => event instanceof NavigationEnd),  
    map(...),  
    ...  
) .subscribe(event => {  
    console.log(' router event: ', event  
});
```

Handle events as desired - logging, setting variables, updating state, ...

# Agenda - 4 nights - Thematic



- Day 1: Architecture
  - Composing Applications with multiple modules
  - Routing and lazy loading modules
  - Loading Strategies
  - Advanced components
- Day 2: **Observables**
  - Observables from scratch, more operators
  - Examples (typeahead, fetching data from multiple sources)

# Wrap up

- Creating observables from scratch
- Working with streams
- Operators
  - `map()`, `mapTo()`
  - `filter()`
  - `concat()`
  - `scan()`
  - `merge()`, `mergeMap()`, `switchMap()`, ...
- Working with http-requests



# Next up

- Day 3: **State Management**
  - State management with `@ngrx/store`
  - Concepts – actions, dispatchers, reducers, store
  - Payload, complex types
- Day 4: **Enterprise applications**
  - Working with monorepo's, Angular CLI
  - More on Angular Schematics

# Wrap up

- Angular CLI tips & tricks
- NG applications with multiple modules
  - Routing and Lazy loading modules
  - Loading strategies
- Content projection
- Managing state with `@ngrx/store`
- Testing
- Smart/View Components
- Mono-repo / micro apps in one project

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# Evaluatie



The screenshot shows the 'feeddex' dashboard for 'Vijfhart Cursistevaluatie'. The interface includes a header with the 'feeddex' logo, a main navigation bar with 'Dashboard - Vijfhart Cursistevaluatie', and a secondary navigation bar with 'Dashboard' and 'Instructies' (highlighted with a red circle). An information icon is also present. The main content area contains a text block about sending an email to participants.

feeddex

Dashboard - Vijfhart Cursistevaluatie

Dashboard Instructies ⓘ

De cursisten ontvangen de dag na de training een mail waarin ze worden uitgenodigd om de vragenlijst in te vullen. Zou jij de cursisten hierover willen informeren op de laatste trainingsdag?

# Connect...

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 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 link 'See 26 more skills' is at the bottom of this section. Below the skills section is a 'Recommendations' section with a link 'Ask to be recommended'. On the right side, there is a 'Messaging' button with a green dot and a settings icon.

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[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](#) ✎

● Messaging ⓧ ⚙

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The image is a screenshot of the Angulartraining.nl website. At the top left, the URL 'Angulartraining.nl' is displayed. A navigation bar contains links for 'Home', 'Training', 'Dates', 'Information', and 'Contact'. The main content area features a dark background with faint, visible code snippets from an Angular application, including route definitions and module configurations. A large, semi-transparent red Angular logo is centered on the page. Overlaid on the entire image is a large, white, diagonal watermark that reads 'Thank you'. Below the logo, the text 'World-class Angular training in Dutch and English' is visible, followed by the phrase 'classrooms - focused on today's developers'. At the bottom of the main content area, there are two buttons: a teal 'LEARN MORE' button and a blue 'SIGN UP!' button. In the top right corner, a yellow banner partially shows the text '2018 dates now'.

[www.angulartraining.nl](http://www.angulartraining.nl)