aarixa

> ict and business optimization

Angular Advanced short recap – day #1

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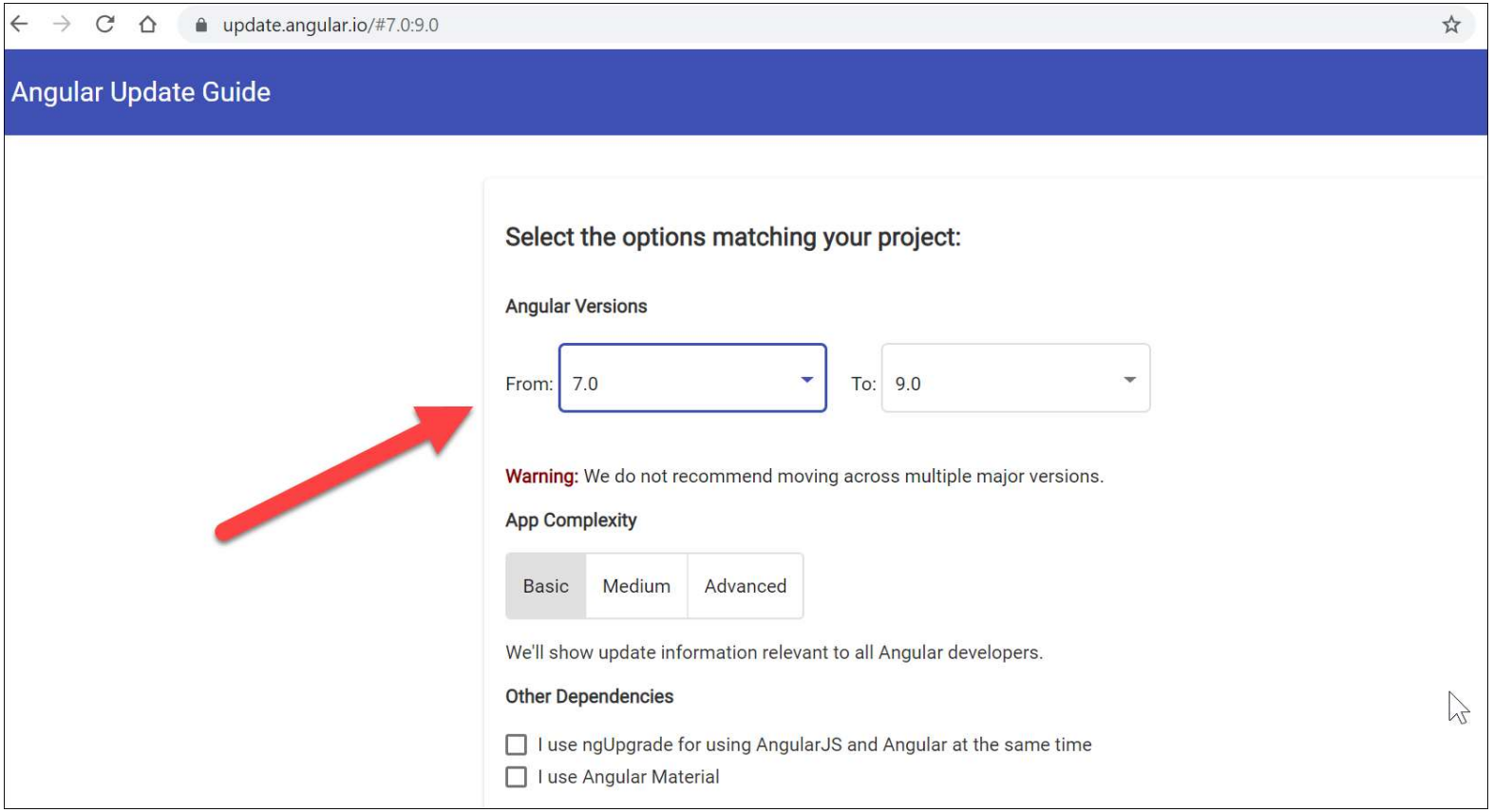
Recap day 1: Architecture

- Angular CLI – general Architecture
  - Flags, Components, Services, Modules.
- NG applications with multiple modules
  - Using multiple modules in your app
  - Modules and the router
- Lazy loading modules
  - `PreloadAllModules`
  - Custom Loading strategies
  - Multiple / Nested router outlets
- Content projection & Smart/View Components

On `ng update`

- DON'T try to update over major versions (e.g. from NG 9 → NG 12)



https://update.angular.io/

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, …

Questions?

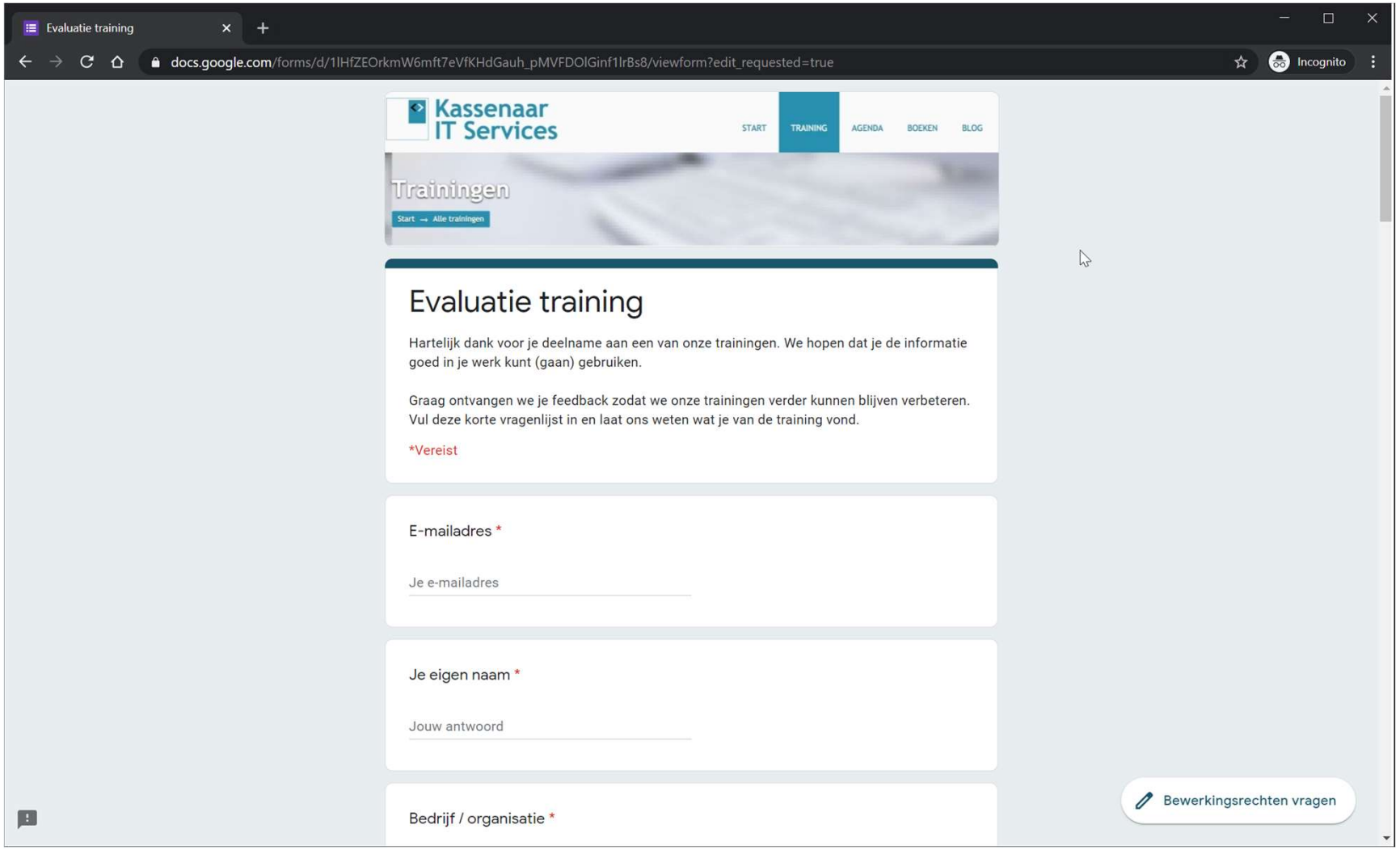
Agenda - 2 days- Thematic

- Day 2: Miscellaneous
  - Observable design pattern, operators
  - Angular Monorepos / micro-apps
  - Intro State Management - @ngrx/store
  - Testing – introduction & options
  - Angular monorepo's /micro frontends?
  - Publishing Angular libraries to NPM
  - Creating custom Angular Schematics
- Wrap-up/eval & goodbye

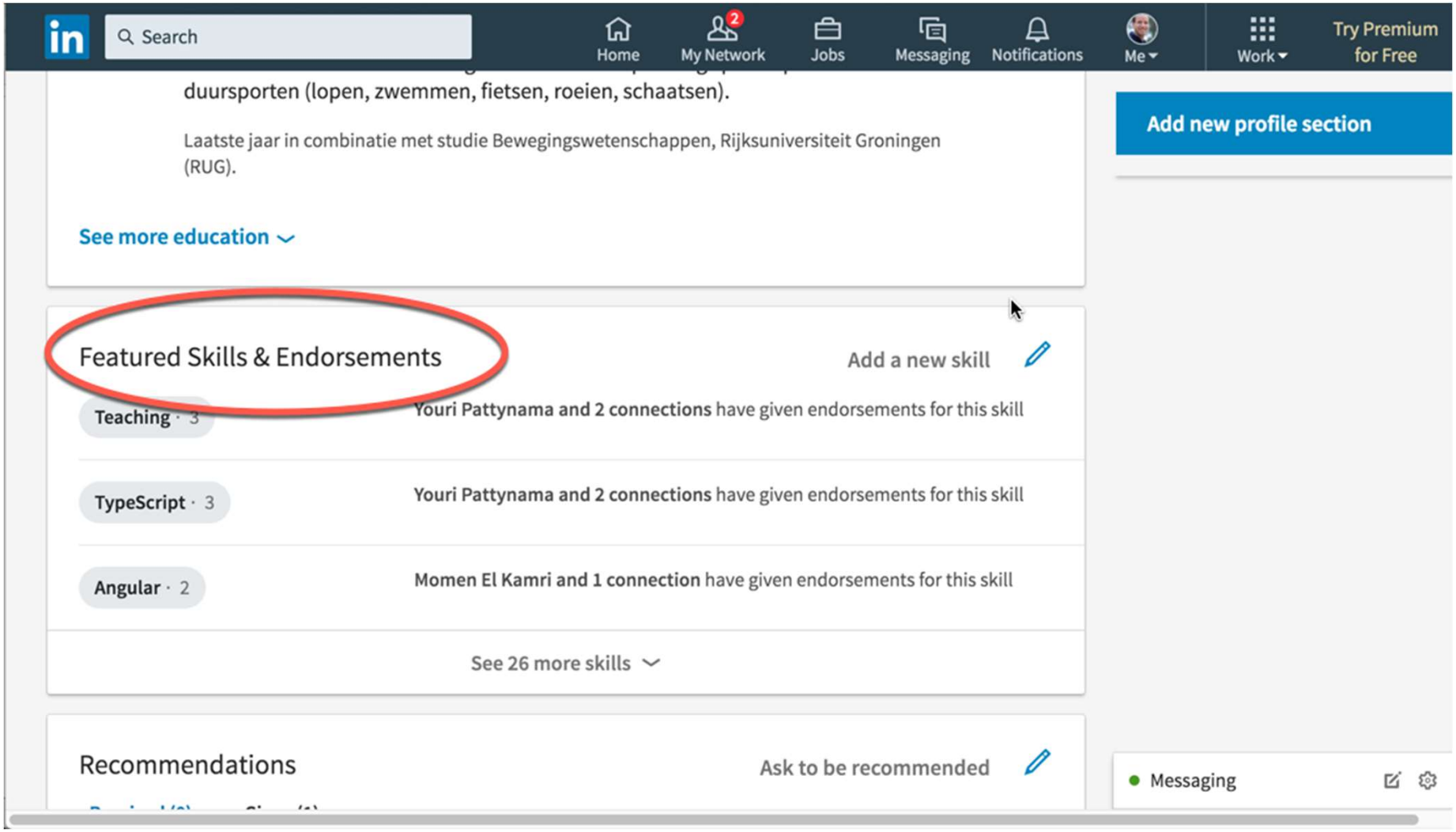
Wrap up

- Angular CLI tips & tricks
- NG applications with multiple modules
  - Routing and Lazy loading modules
  - Loading strategies
- Smart/View Components
- Content projection
- Observable design pattern, `async` pipe
- Monorepos
- Managing state with `@ngrx/store`
- Testing

www.kassenaar.com/eval



Let’s connect…



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