

ilionx



Global Knowledge®

# Angular Advanced Short recap day #3

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WORLDWIDE LOCATIONS

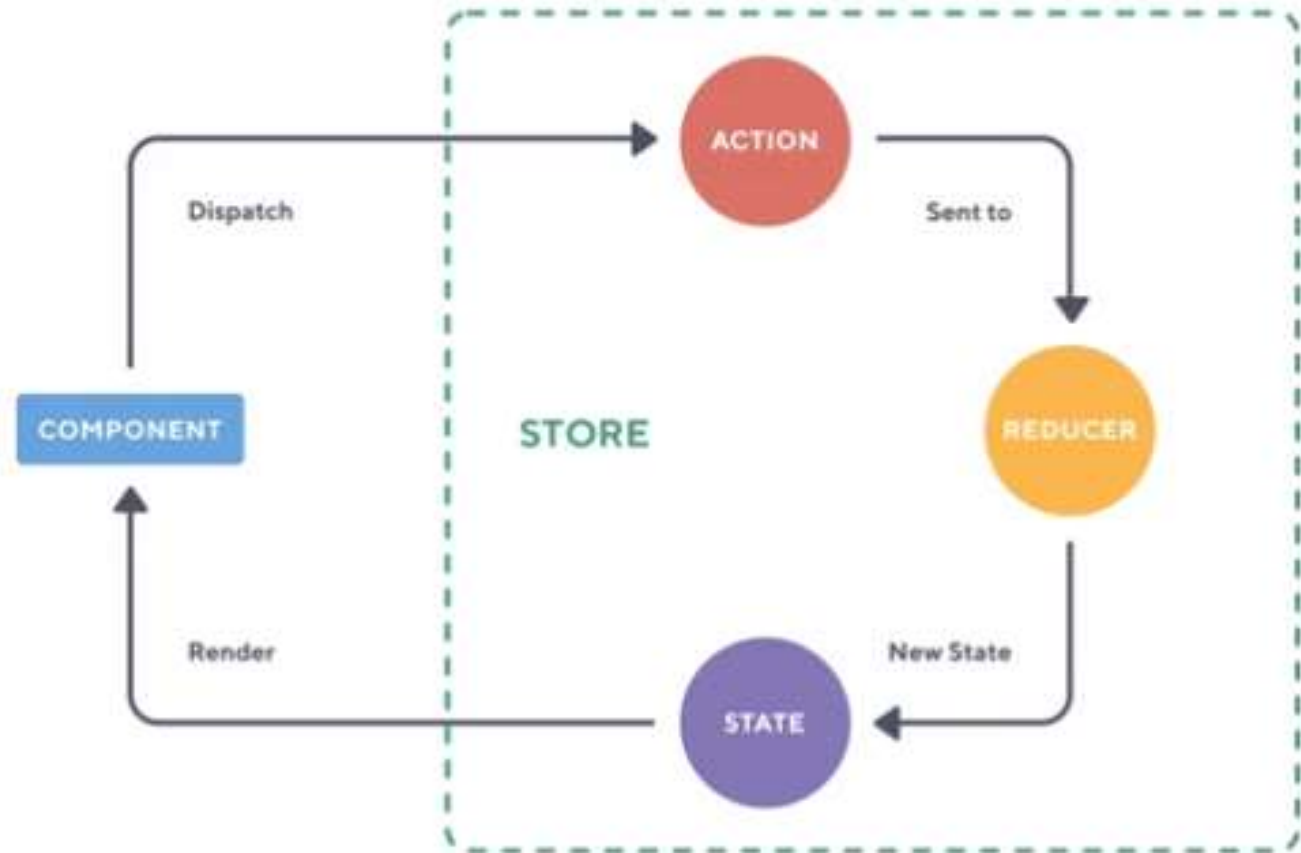
BELGIUM CANADA COLOMBIA DENMARK EGYPT FRANCE IRELAND JAPAN KOREA MALAYSIA MEXICO NETHERLANDS NORWAY QATAR  
SAUDI ARABIA SINGAPORE SPAIN SWEDEN UNITED ARAB EMIRATES UNITED KINGDOM UNITED STATES OF AMERICA

## Day 3 – State management

- What is a store / state management solutions
  - Building a store from scratch using `BehaviorSubject<>()`
- State Management w/ `@ngrx/store`
  - Store
  - Actions
  - Reducers
  - Payload, Working with complex types
  - Redux Developer tools
- Other solutions (Akita, ngxs, online courses), see slides

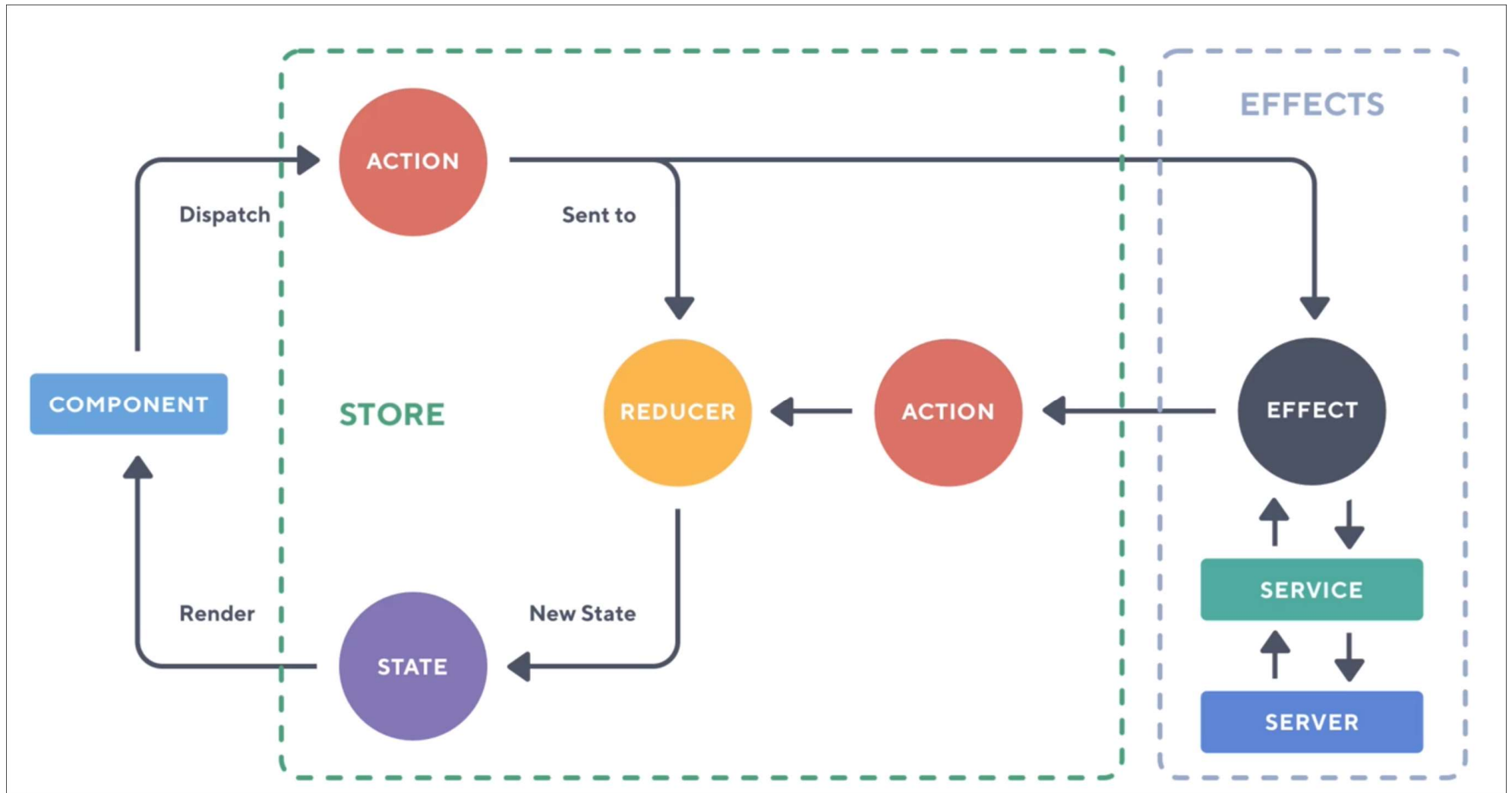
## REDUX ARCHITECTURE

### One-way dataflow



<https://platform.ultimateangular.com/courses/ngrx-store-effects/lectures/3788532>

# Effects flow



<https://platform.ultimateangular.com/courses/ngrx-store-effects/lectures/3919211>

# Today

- Day 4: **Enterprise applications**
  - Choosing an architecture
  - Working with monorepo's,
    - Angular CLI and alternatives
  - Working with micro frontends/apps
  - More on Angular Schematics
  - Eval
  - ...



# Wrap-up - 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, operators
  - Examples (typeahead, fetching data from multiple sources)

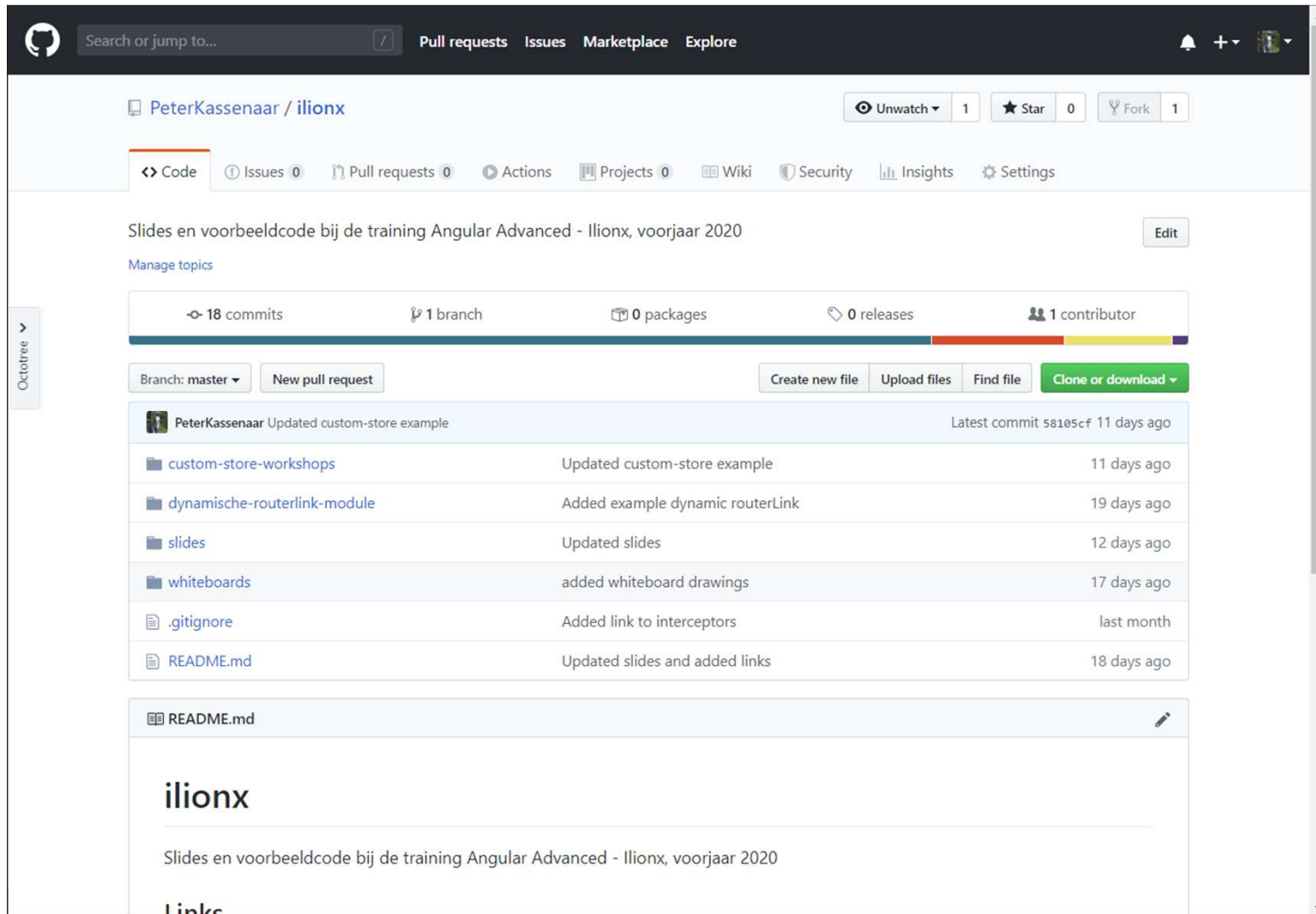
# Agenda - 4 nights - Thematic



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



# Available until ca. June 2020



<https://github.com/PeterKassenaar/ilionx>

## Possible next steps

- Angular and Storybook
- Testing with Cypress
- Publishing modules to NPM
- Firebase integration
- Angular Elements
- ...

# Let's connect...

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](#) ✓

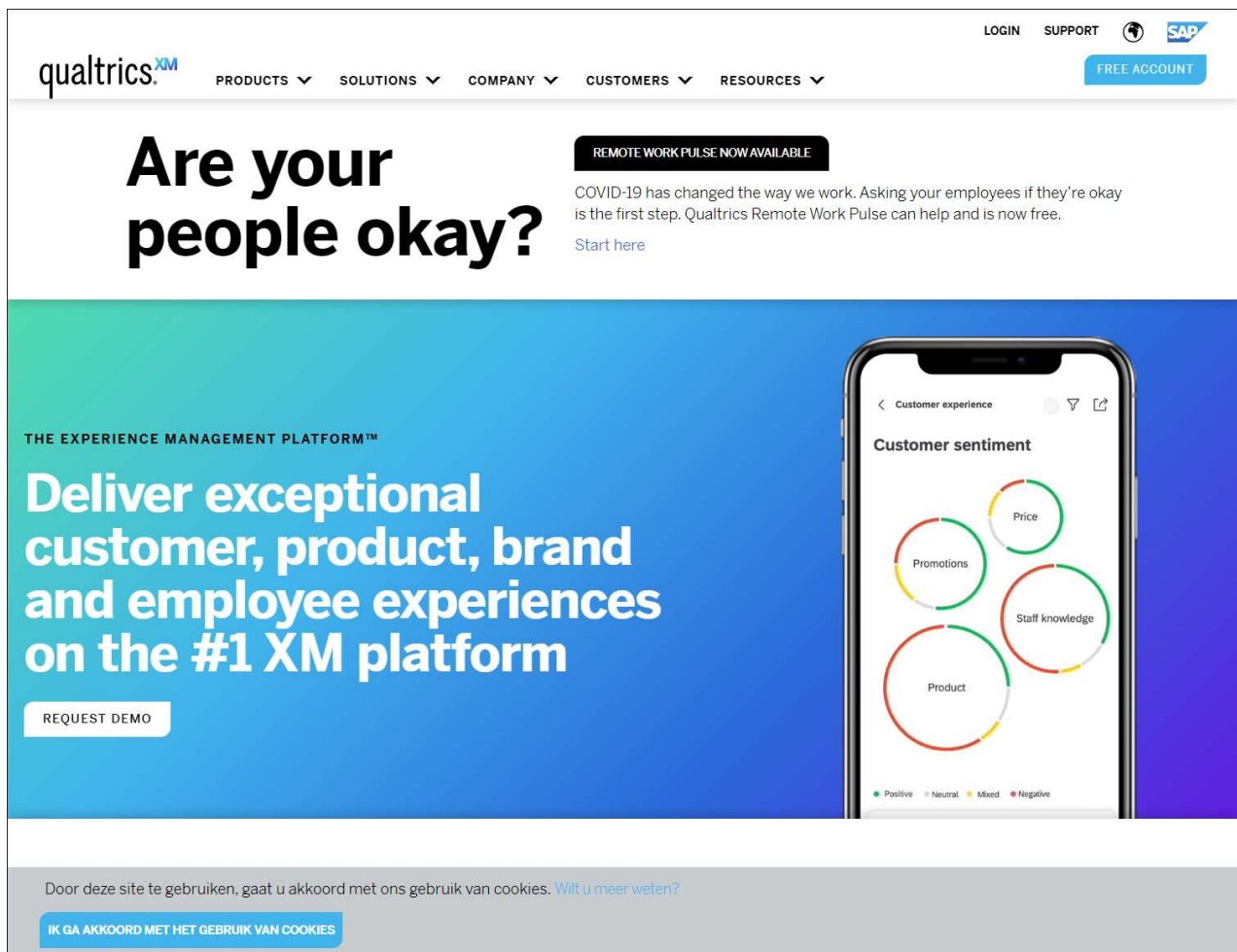
**Recommendations** [Ask to be recommended](#) ✎

● Messaging ✎ ⚙

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# Eval...

- [https://globalknowledge.az1.qualtrics.com/jfe/form/SV\\_2I9xxtKvLOyJCKN?EVENTID=NL180705](https://globalknowledge.az1.qualtrics.com/jfe/form/SV_2I9xxtKvLOyJCKN?EVENTID=NL180705)



The screenshot shows the Qualtrics XM website. The header includes the Qualtrics XM logo, navigation links for PRODUCTS, SOLUTIONS, COMPANY, CUSTOMERS, and RESOURCES, and a 'FREE ACCOUNT' button. The main content area features a large headline 'Are your people okay?' with a sub-headline 'REMOTE WORK PULSE NOW AVAILABLE'. Below this, a paragraph states: 'COVID-19 has changed the way we work. Asking your employees if they're okay is the first step. Qualtrics Remote Work Pulse can help and is now free. [Start here](#)'. The background of the main section is a blue gradient with the text 'THE EXPERIENCE MANAGEMENT PLATFORM™' and 'Deliver exceptional customer, product, brand and employee experiences on the #1 XM platform'. A 'REQUEST DEMO' button is located below this text. On the right side, there is a smartphone displaying a 'Customer sentiment' dashboard with four circular charts for Price, Promotions, Staff knowledge, and Product. A legend at the bottom of the phone screen indicates: Positive (green), Neutral (yellow), Mixed (orange), and Negative (red). At the bottom of the page, there is a cookie consent banner that reads: 'Door deze site te gebruiken, gaat u akkoord met ons gebruik van cookies. [Wilt u meer weten?](#)' and a button that says 'IK GA AKKOORD MET HET GEBRUIK VAN COOKIES'.

The image is a screenshot of the Angulartraining.nl website. The website has a dark theme with a sidebar on the left showing a file explorer with folders like 'node\_modules', 'src', 'app', 'home', 'layout', and 'training'. The main content area displays Angular routing code in TypeScript. A large, white, diagonal watermark reading 'Thank you' is overlaid across the center. In the top right corner, there is a yellow banner that says '2018 dates now'. Below the code, the text 'World-class Angular training in Dutch and English' is visible, followed by 'classrooms - focused on today's developers'. At the bottom, there are two buttons: 'LEARN MORE' (teal) and 'SIGN UP!' (blue). The top navigation bar includes links for 'Home', 'Training', 'Dates', 'Information', and 'Contact'.

Angulartraining.nl Home Training Dates Information Contact

2018 dates now

Thank you

World-class Angular training in Dutch and English

classrooms - focused on today's developers

LEARN MORE SIGN UP!

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