

Professional NgRx

1 - Introduction



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About Me...



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Trainings and Consulting



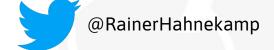


https://www.youtube.com /c/RainerHahnekamp



https://www.ng-news.com







Use cases of NgRx integrated into an enterprise-level application



Exercise-intensive workshop

Theory (Slides) & Live Coding

Exercise Time ~ 40 minutes

Discussion of the Solution





I don't know everything, but I'll try to look it up



Organisational

- 4 x 1.5 hours per day
- 15 minutes breaks
- 1 hour lunch break from 12.00 13.00



Agenda

- 1. Introduction & Fundamentals
- 2. Architecture
 - a. Modularity
 - b. Dependency Rules
 - c. Repository
 - d. StateModel vs. ViewModel
- 3. Best practices
 - a. Caching
 - b. Error handling
 - c. Deferred actions
 - d. Dependent feature states

- 4. Testing
 - a. Unit Tests
 - b. Integration Tests
- 5. NgRx & friends
 - a. ngrx-immer
 - b. ngrx-store-localstorage
 - c. ngrx-wieder
 - d. Optimistic updates
- 6. NgRx on steroids & beyond
 - a. @ngrx/entity
 - b. @ngrx/data
- 7. Component Store

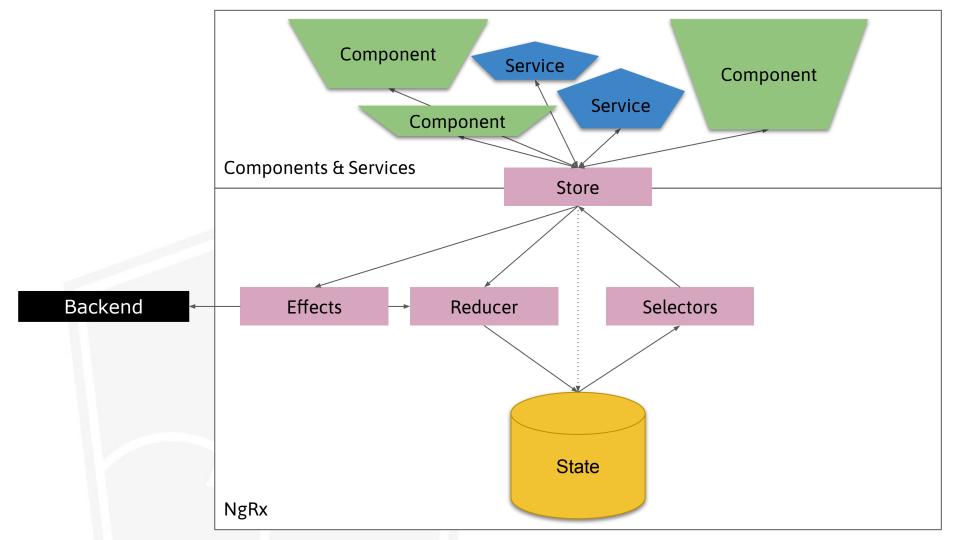


Introduction Round

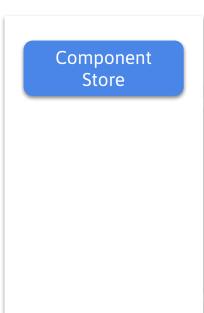
- 1. Who are you?
- 2. What do you do (in your job)?
- 3. What topic(s) are you interested in most?

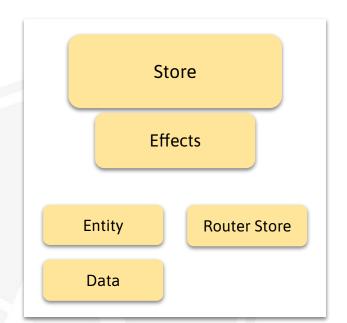






NgRx Family











SHARI: Why and When

- Shared: same state in multiple components
- Hydration: SSR with StateTransfer
- Availability: persist local state
- Retrieval: communication with API
- Impact: reacting to Events



Why & When? (Personal Answer)

- Multiple components
- Splitting components into smaller pieces
- Persist local state
- Standardized way on how to do things
 - List of all possible actions
 - Files with clear scope
 - Conventions



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Application walkthrough