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Angular Advanced Short recap day #2

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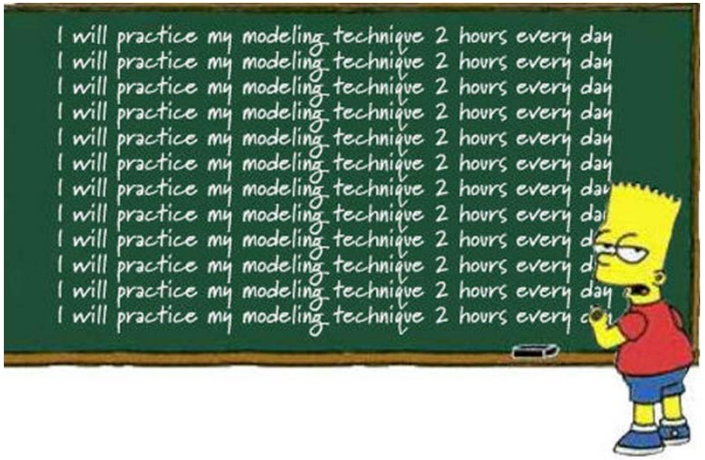
Recap day 2 – Observables

- Observables
  - Concepts: “the observable sandwich”
  - Routing events
  - subscribing, `async` pipe
- Operators
  - `map(), mapTo()`
  - `filter()`
  - `concat`
  - `merge,`
  - `switchMap(), forkJoin()`

Workshop

- Create a call to the Open Movie Database API, using a keyword to search for 10 movies
  - http://www.omdbapi.com/?apikey=f1f56c8e&s=<keyword>
- Create an additional call to get details for every movie returned. Use the `imdbID` property for that
  - http://www.omdbapi.com/?apikey=f1f56c8e&i=<imdbID>
- Display results in the UI, first a list of movies, then details per movie as soon as they become available.
- What is your best solution? Multiple ways of doing this!

Demo, someone?

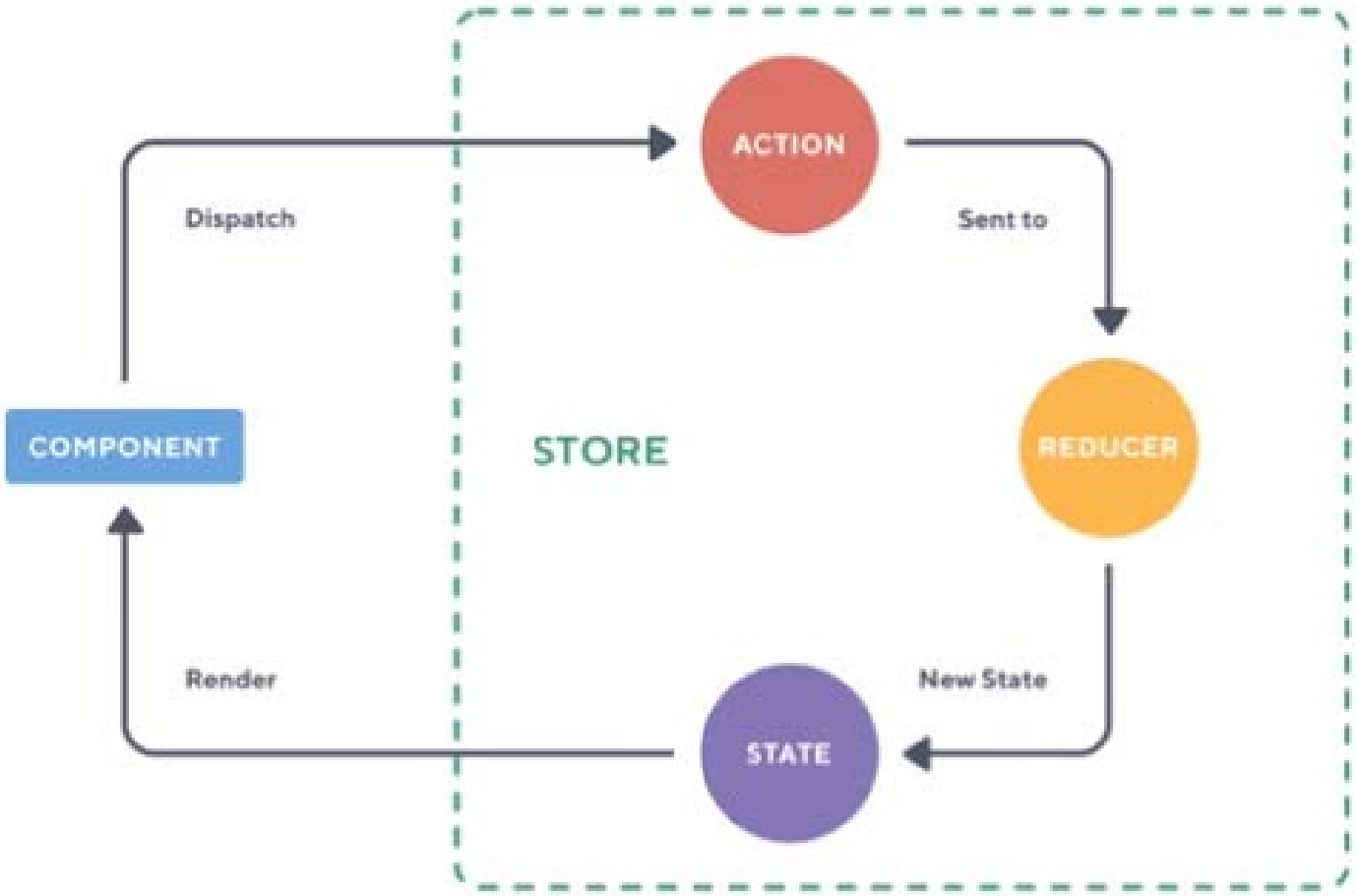


Today - day 3 – State management

- 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
  - Using `HttpClient`

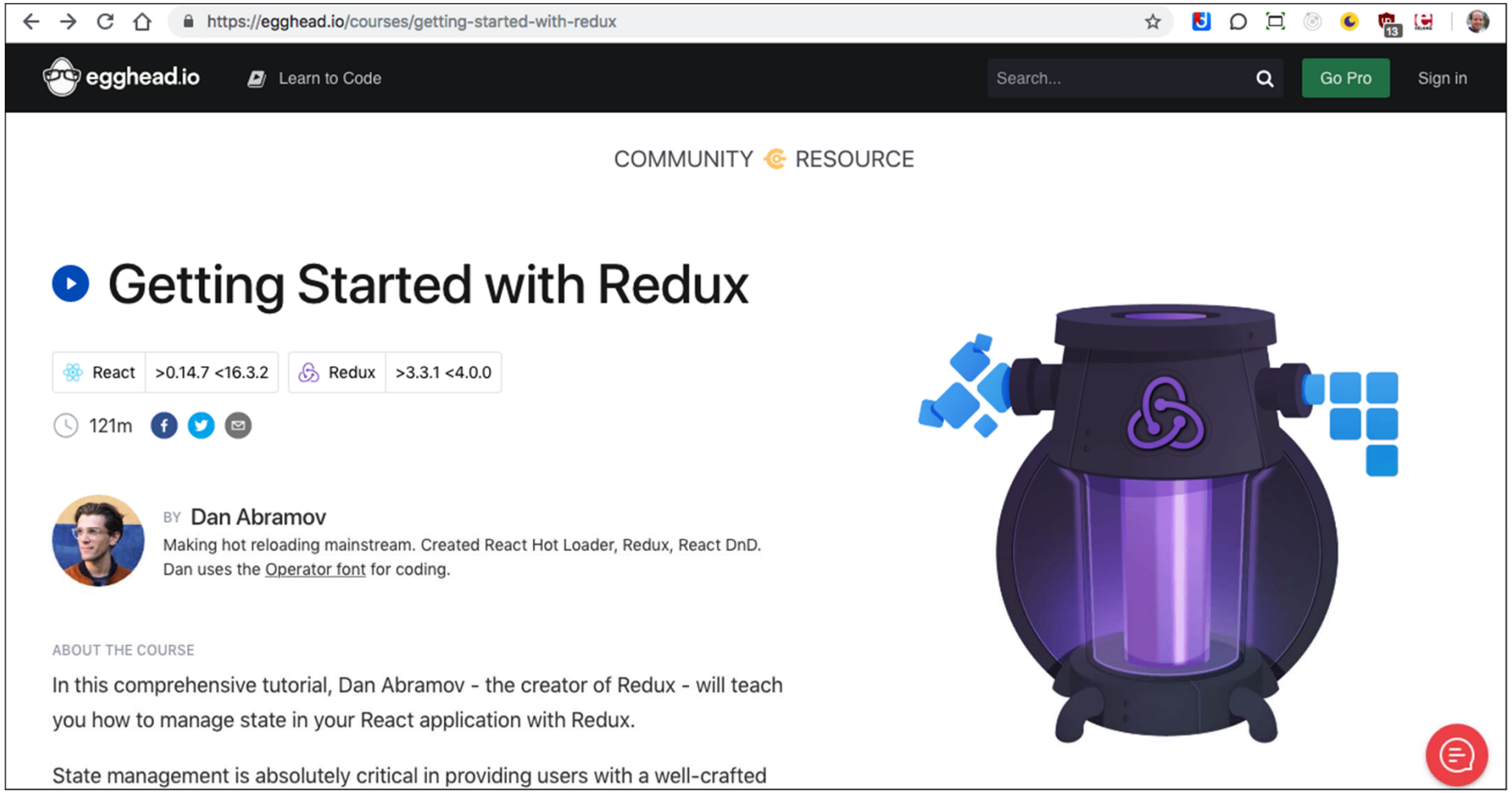
REDUX ARCHITECTURE

One-way dataflow



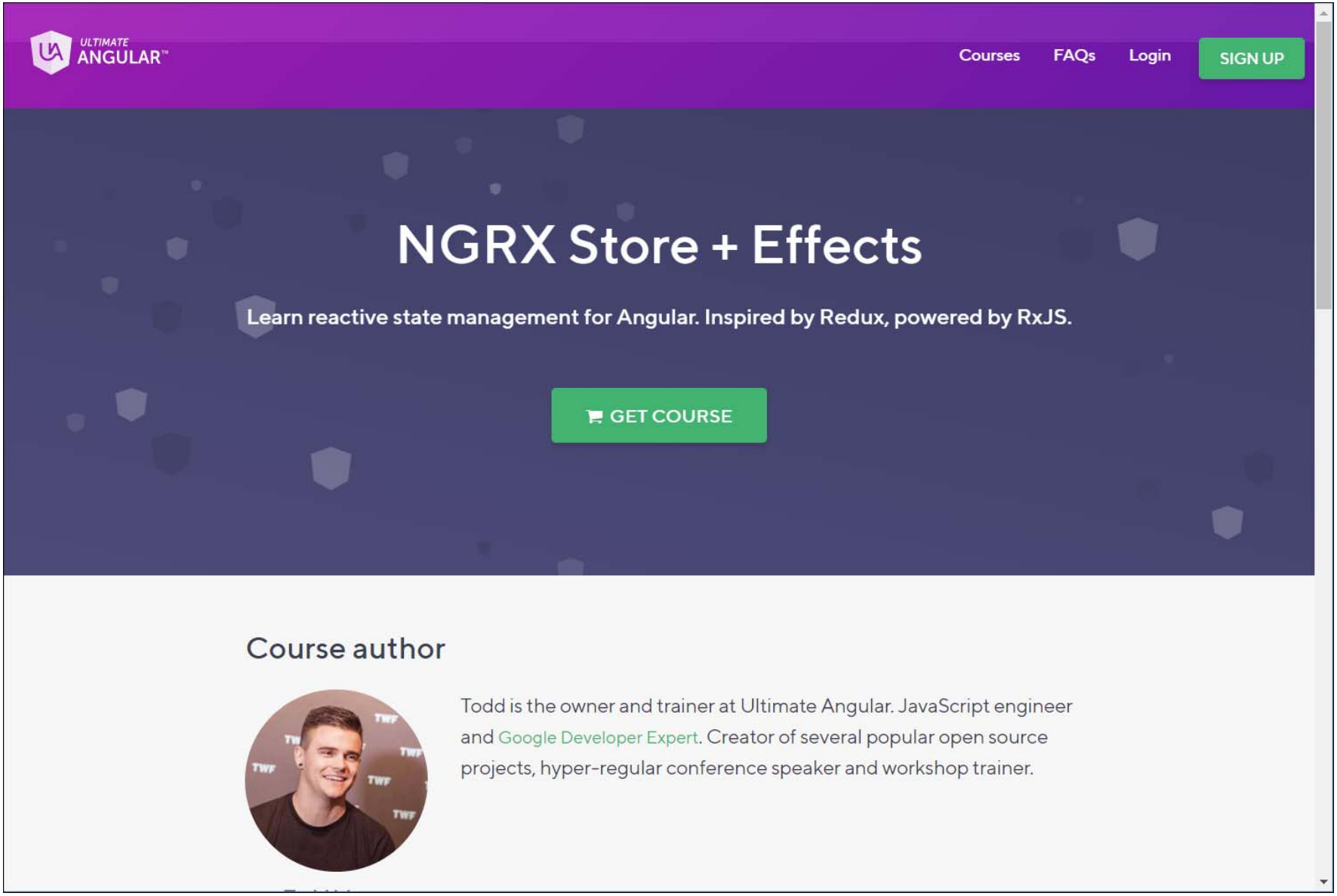
https://platform.ultimateangular.com/courses/ngrx-store-effects/lectures/3788532

Free Redux-lessons / video



https://egghead.io/courses/getting-started-with-redux

Online Course – 2nd gen! (not free, though)



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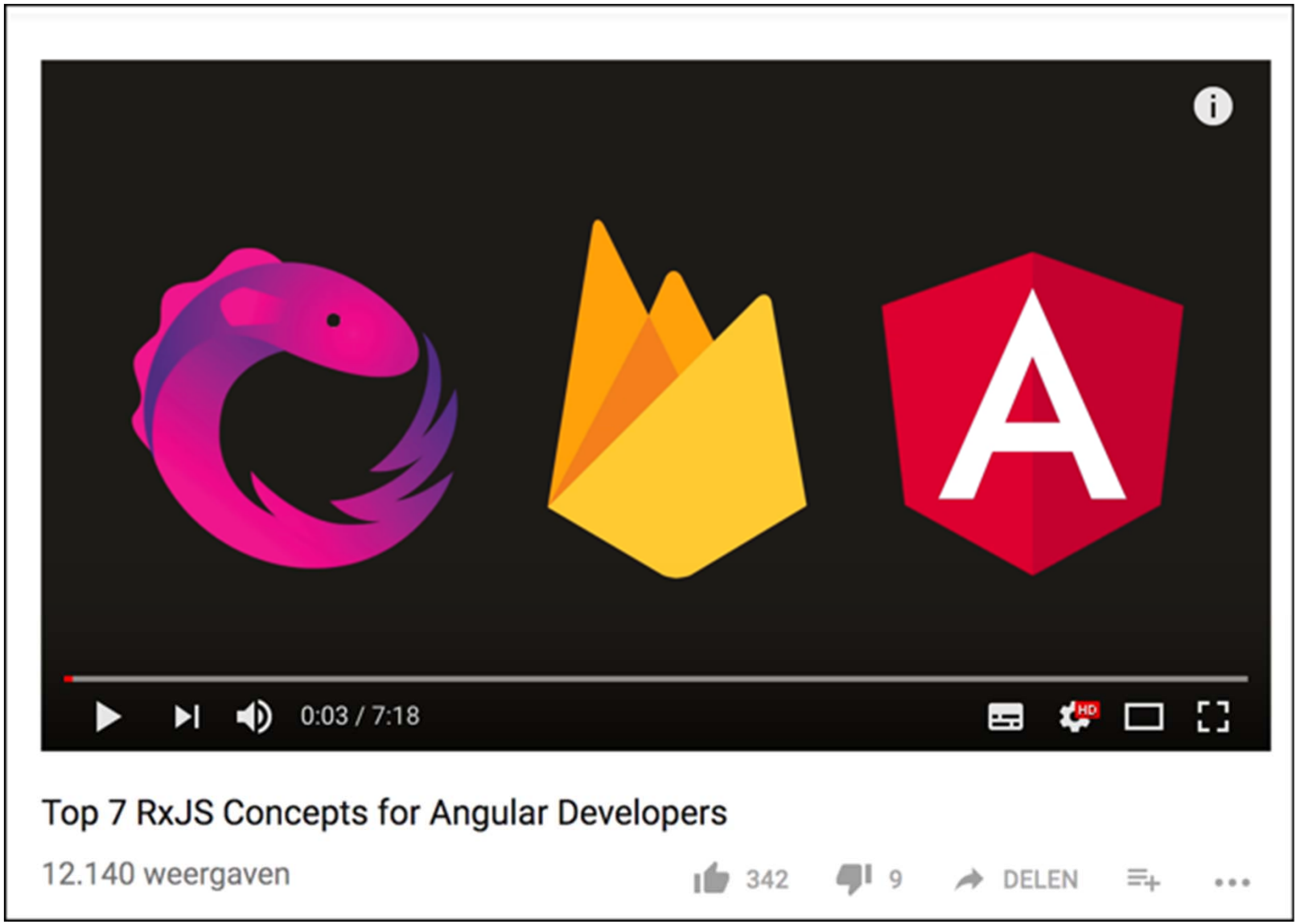

https://www.youtube.com/watch?v=65Us8NwmYf4

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
  - …

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See you then!

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