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Angular Advanced Short recap day #2

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WORLDWIDE LOCATIONS

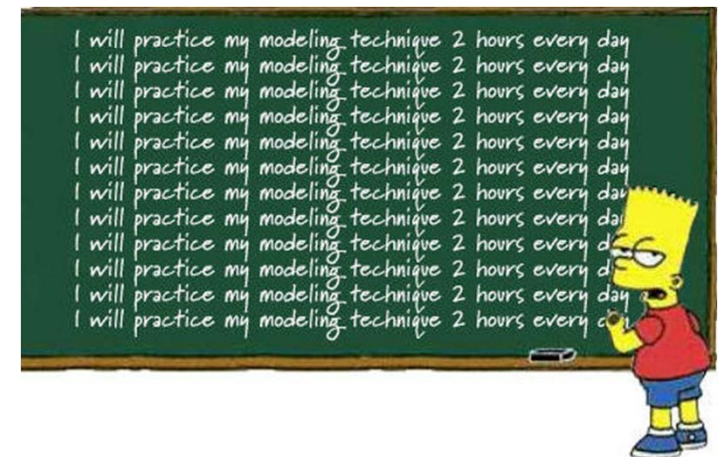
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Recap day 2 – Observables

- 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 key word to search for 10 movies
 - <http://www.omdbapi.com/?apikey=f1f56c8e&s=<keyword>>
- Create an additional call to get details for a 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 the data is available.
- What is your best solution? Multiple ways of doing this!

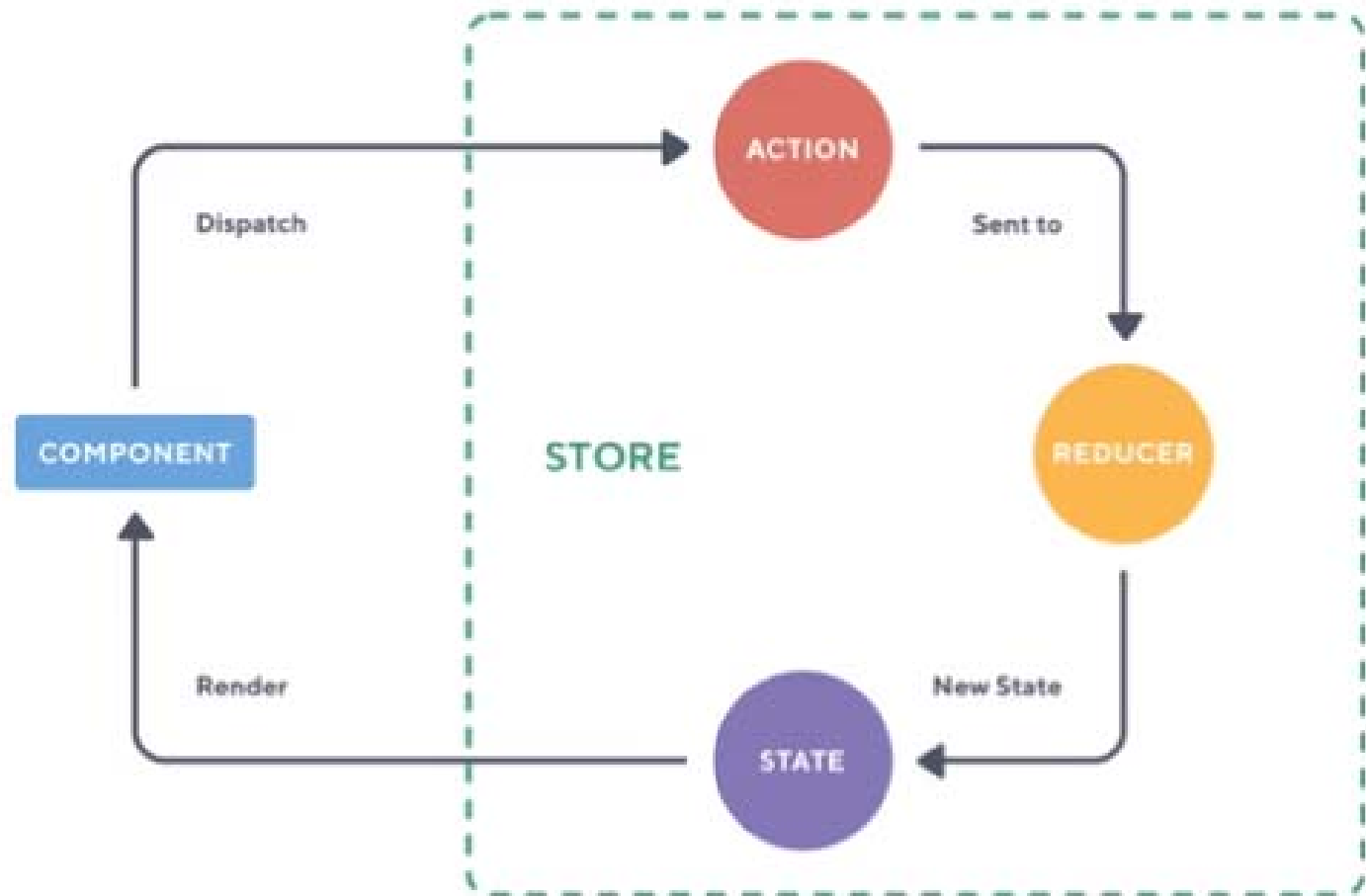


Today - day 3 – State management

- 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`

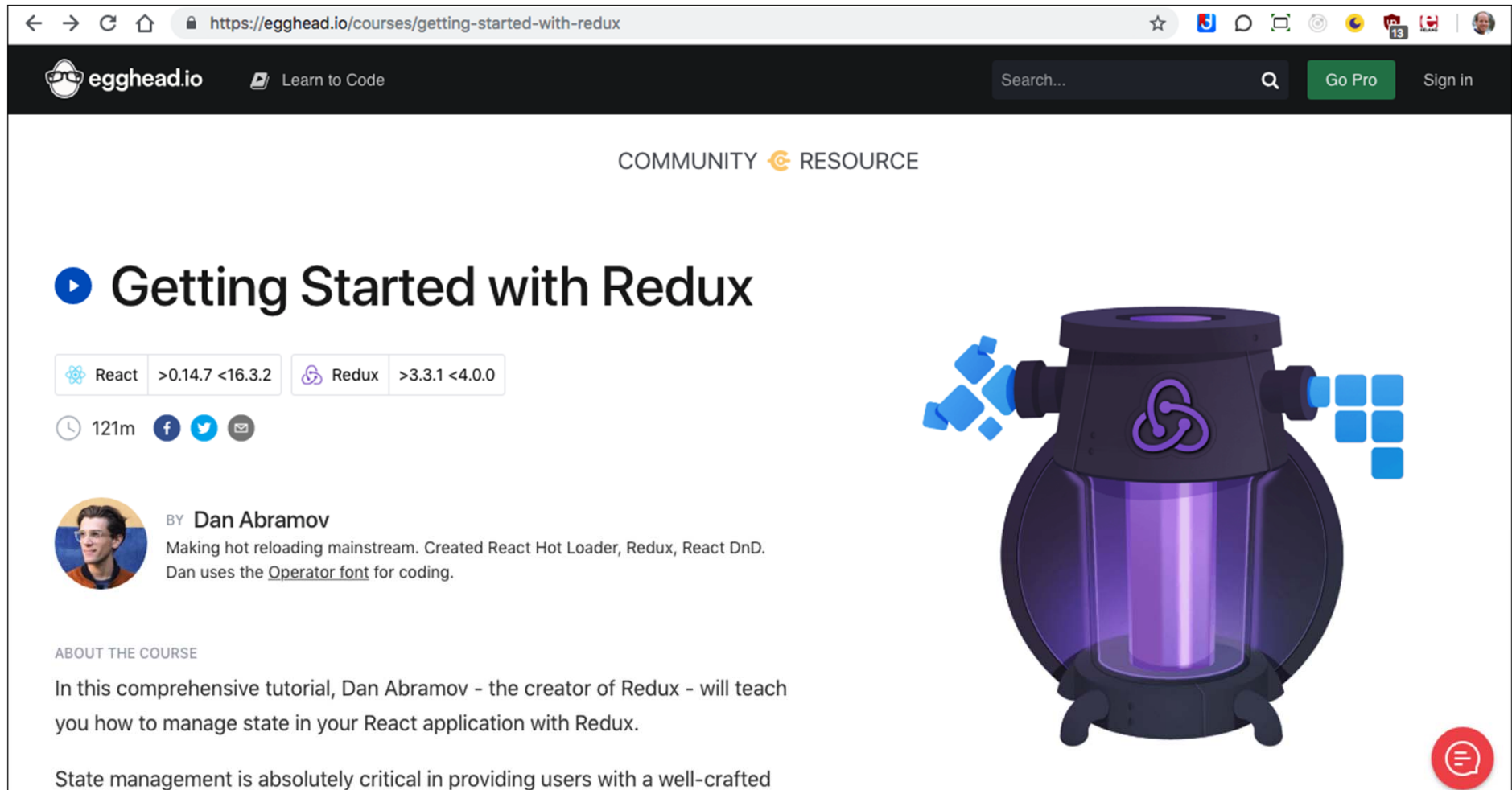
REDUX ARCHITECTURE

One-way dataflow



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

Free Redux-lessons/video



The screenshot shows a web browser at the URL <https://egghead.io/courses/getting-started-with-redux>. The page features the egghead.io logo and a navigation bar with a search bar, 'Go Pro' button, and 'Sign in' link. Below the navigation bar, there are links for 'COMMUNITY' and 'RESOURCE'. The main heading is 'Getting Started with Redux', preceded by a play button icon. Below the heading, there are two boxes: 'React >0.14.7 <16.3.2' and 'Redux >3.3.1 <4.0.0'. To the left of the Redux box, it says '121m' with social media icons for Facebook, Twitter, and Email. Below this is a profile picture of Dan Abramov, followed by the text 'BY Dan Abramov' and a bio: 'Making hot reloading mainstream. Created React Hot Loader, Redux, React DnD. Dan uses the Operator font for coding.' To the right of the text is a large illustration of a purple blender with a Redux logo on its lid and blue cubes floating around it. At the bottom left, under the heading 'ABOUT THE COURSE', it says 'In this comprehensive tutorial, Dan Abramov - the creator of Redux - will teach you how to manage state in your React application with Redux.' and 'State management is absolutely critical in providing users with a well-crafted'. A red circular button with a speech bubble icon is in the bottom right corner.

egghead.io Learn to Code Search... Go Pro Sign in

COMMUNITY RESOURCE

▶ Getting Started with Redux

React >0.14.7 <16.3.2 Redux >3.3.1 <4.0.0

121m

BY Dan Abramov

Making hot reloading mainstream. Created React Hot Loader, Redux, React DnD. Dan uses the Operator font for coding.

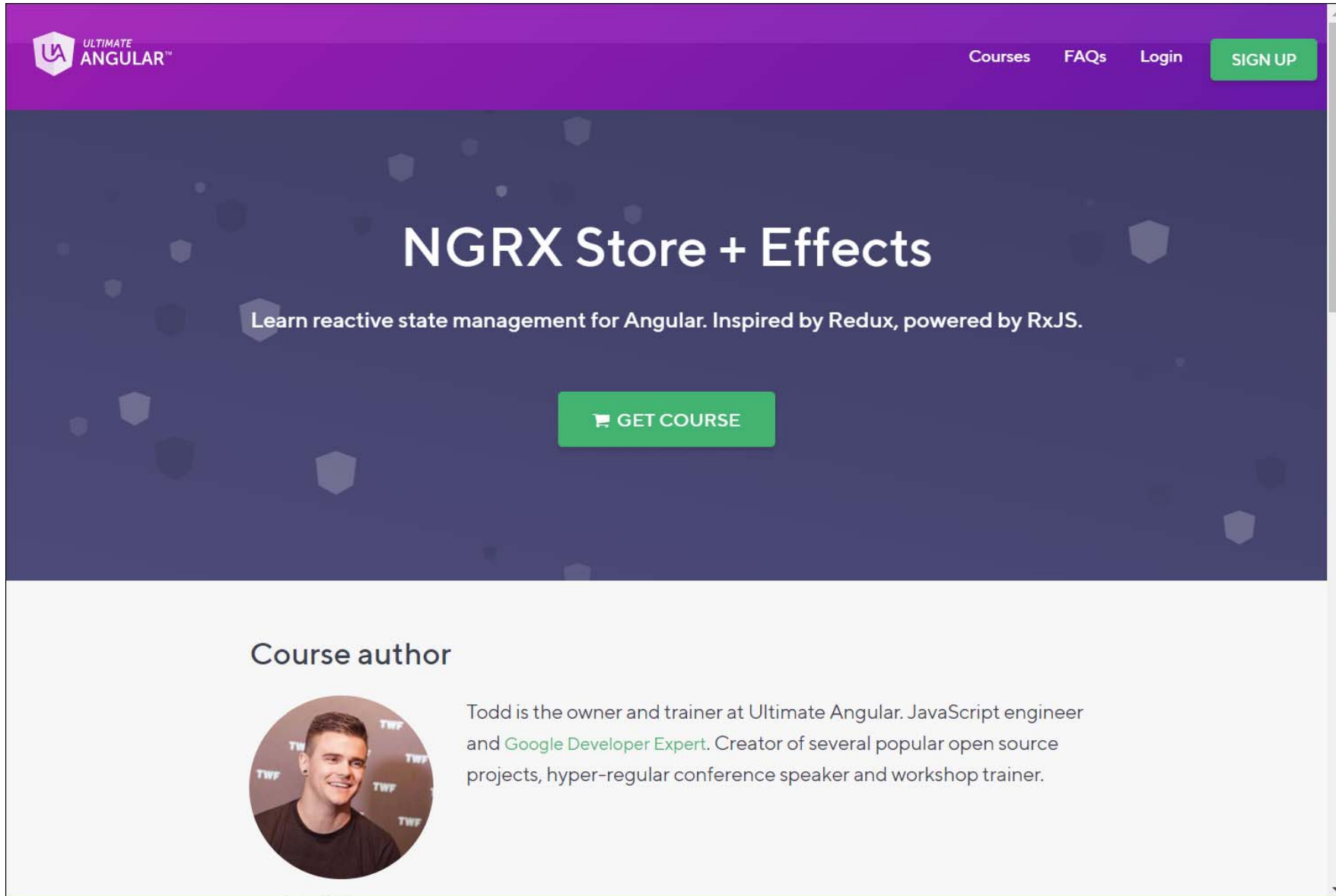
ABOUT THE COURSE

In this comprehensive tutorial, Dan Abramov - the creator of Redux - will teach you how to manage state in your React application with Redux.

State management is absolutely critical in providing users with a well-crafted

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

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



The screenshot shows the landing page for the 'NGRX Store + Effects' course on the Ultimate Angular platform. The page has a purple header with the 'ULTIMATE ANGULAR' logo on the left and navigation links for 'Courses', 'FAQs', 'Login', and a green 'SIGN UP' button on the right. The main content area has a dark blue background with white text. The title 'NGRX Store + Effects' is prominently displayed, followed by the subtitle 'Learn reactive state management for Angular. Inspired by Redux, powered by RxJS.' Below this is a green button with a shopping cart icon and the text 'GET COURSE'. The bottom section, on a light gray background, introduces the 'Course author' with a circular profile picture of Todd and a text description of his credentials.

ULTIMATE ANGULAR™


Courses FAQs Login SIGN UP

NGRX Store + Effects

Learn reactive state management for Angular. Inspired by Redux, powered by RxJS.

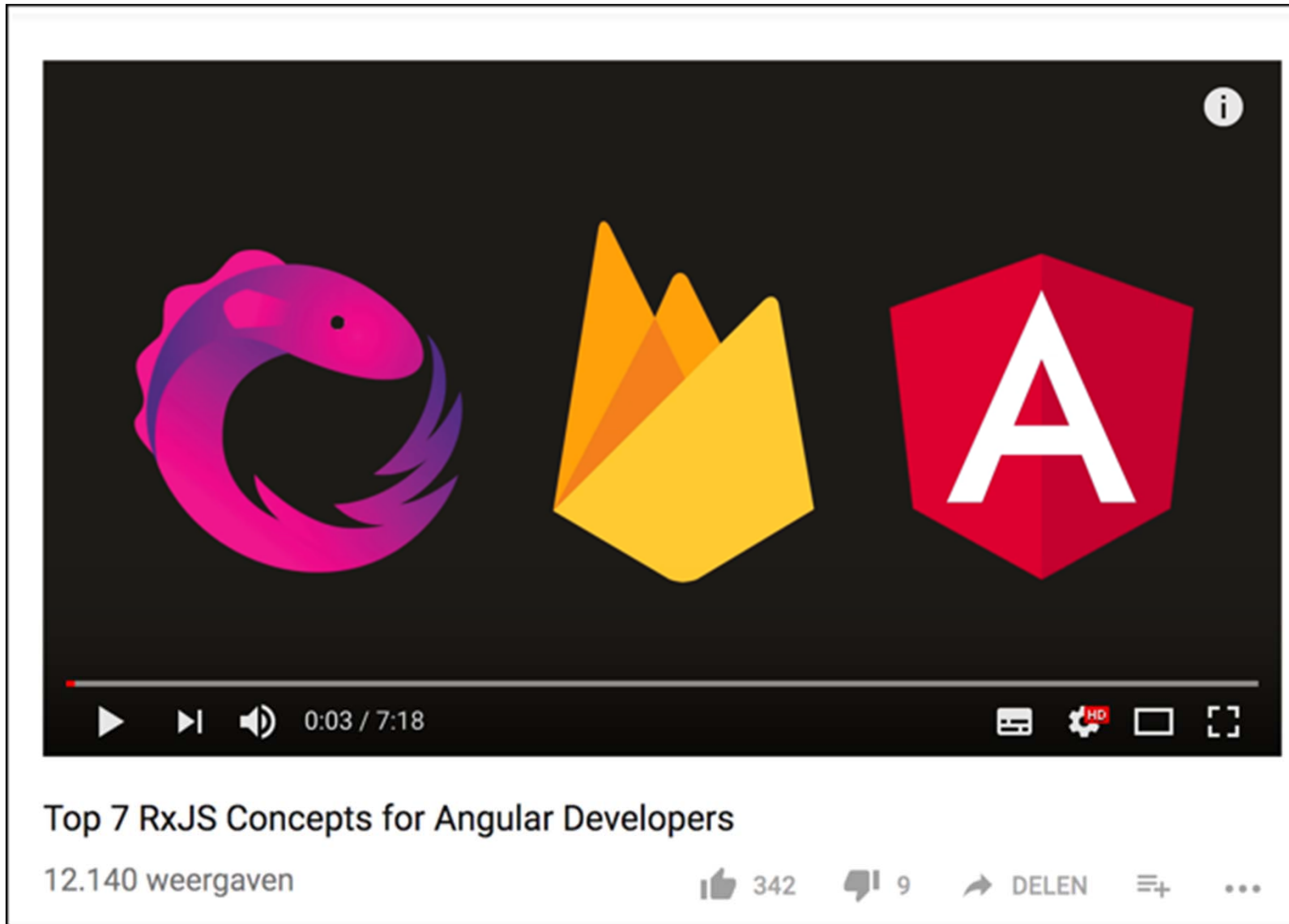
GET COURSE

Course author



Todd is the owner and trainer at Ultimate Angular. JavaScript engineer and [Google Developer Expert](#). Creator of several popular open source projects, hyper-regular conference speaker and workshop trainer.

<https://platform.ultimateangular.com/p/ngrx-store-effects>



<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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