Async in Redux

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Here's the plan

Why a mock API?

Async libraries

Implement Thunks

Mock API

- **Start immediately**

- **Backup plan**

- **Ultra-fast**

- **Test slowness**

- **Point to the real API later**

- **Aids testing**

Async

Flux	Redux
Handed in action	?

Redux Async Libraries

redux-thunk

redux-promise

redux-saga

Comparison

Thunks	Sagas
Functions	Generators
Clunky to test	Easy to test
Easy to learn	Hard to learn

```
export function deleteAuthor(authorId) {
  return dispatch => {
    return AuthorApi.deleteAuthor(authorId).then(() => {
        dispatch(deletedAuthor(authorId));
      }).catch(handleError);
  };
}
```

Thunk

Demo

Let's get thunky.

Wrap Up

Thunks, Redux-Promise, and Sagas

Naming async actions
- Consider SUCCESS and ERROR

First thunk, complete!

Next up: Async writes