

# Advanced React with Redux & Redux-Sagas

## Training Outline

- **Intro to Redux**
  - The Three Principles
  - Components vs Containers
  - Actions
  - Reducers
  - Stores
  - Testing in Redux
- **Redux Patterns**
  - Action-Creators
  - Reducers and Pure Functions
- **Redux Middleware**
  - What is middleware?
  - Writing middleware
- **Redux DevTools**
- **Hands-on: Making a simple logger**
- **Async Redux**
  - Middleware
  - Thunks
  - Async Functions
- **Redux Sagas**
  - Introduction to Sagas
  - Understanding generators
  - Hands-on: Ajax and Sagas
  - Saga Helpers
  - Dispatching Actions
  - Error Handling in Sagas
  - Hands-on: Handling Errors
  - Testing Sagas
- **Architecting Apps in React**
- **Summary**