

# Final Words

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**Deborah Kurata**

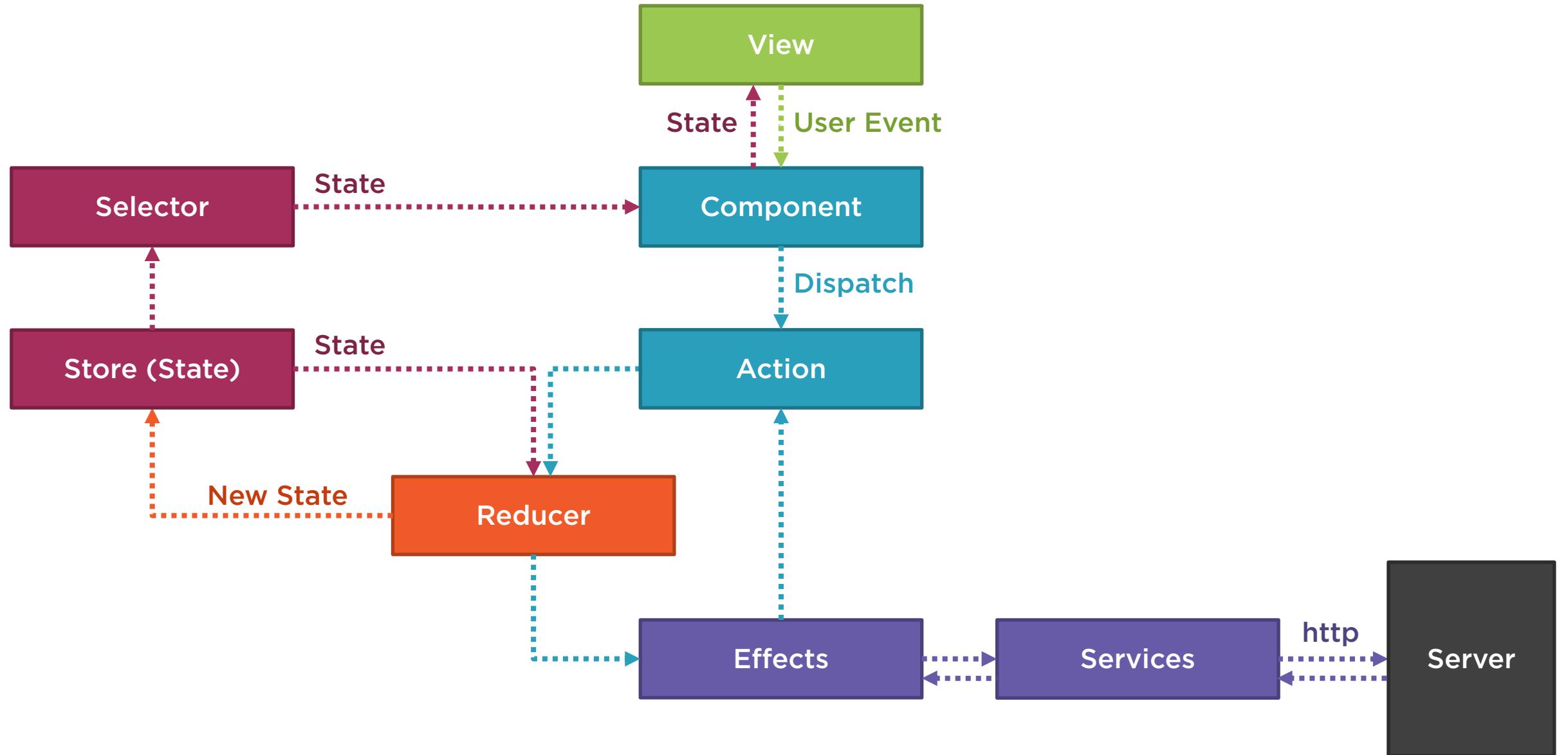
CONSULTANT | SPEAKER | AUTHOR | MVP | GDE

@deborahkurata [blogs.msmvps.com/deborahk/](http://blogs.msmvps.com/deborahk/)



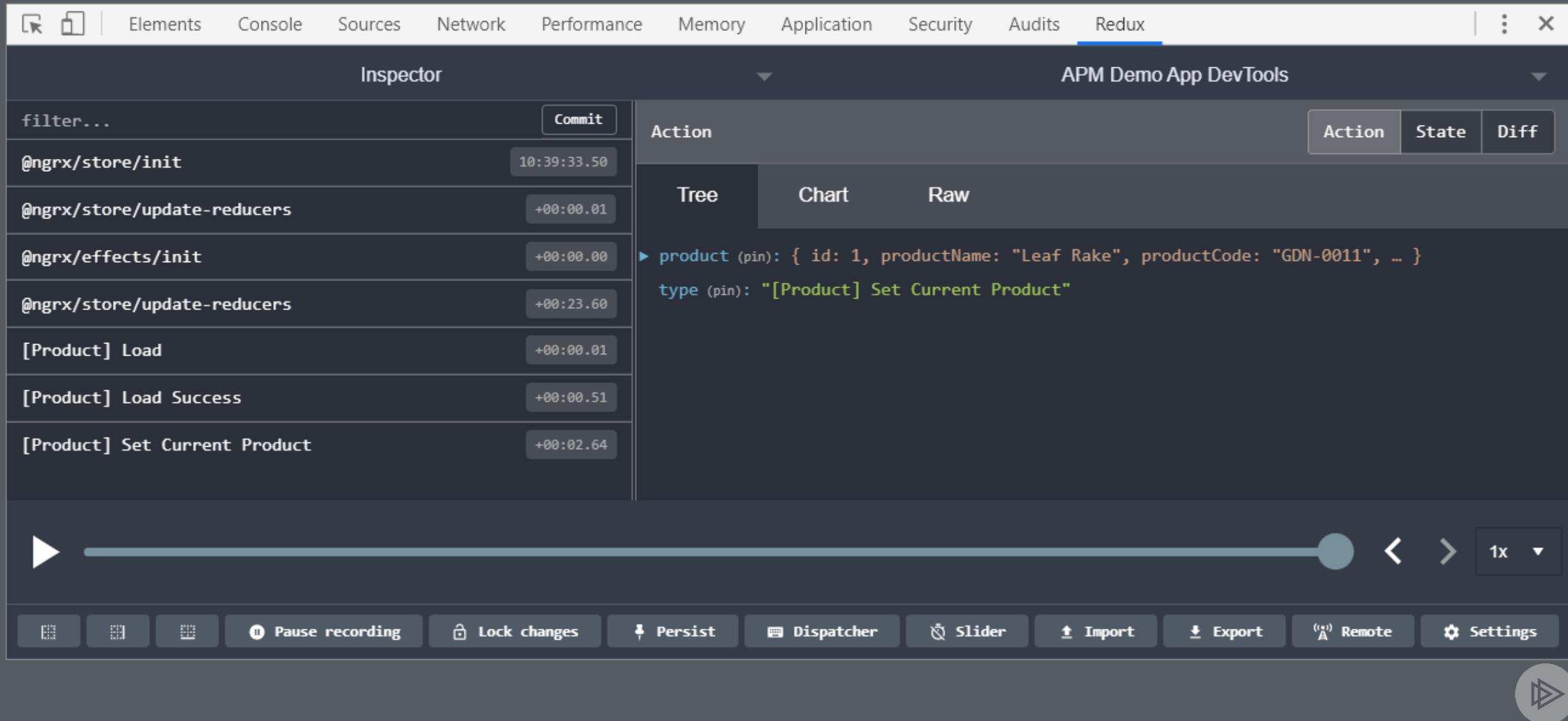


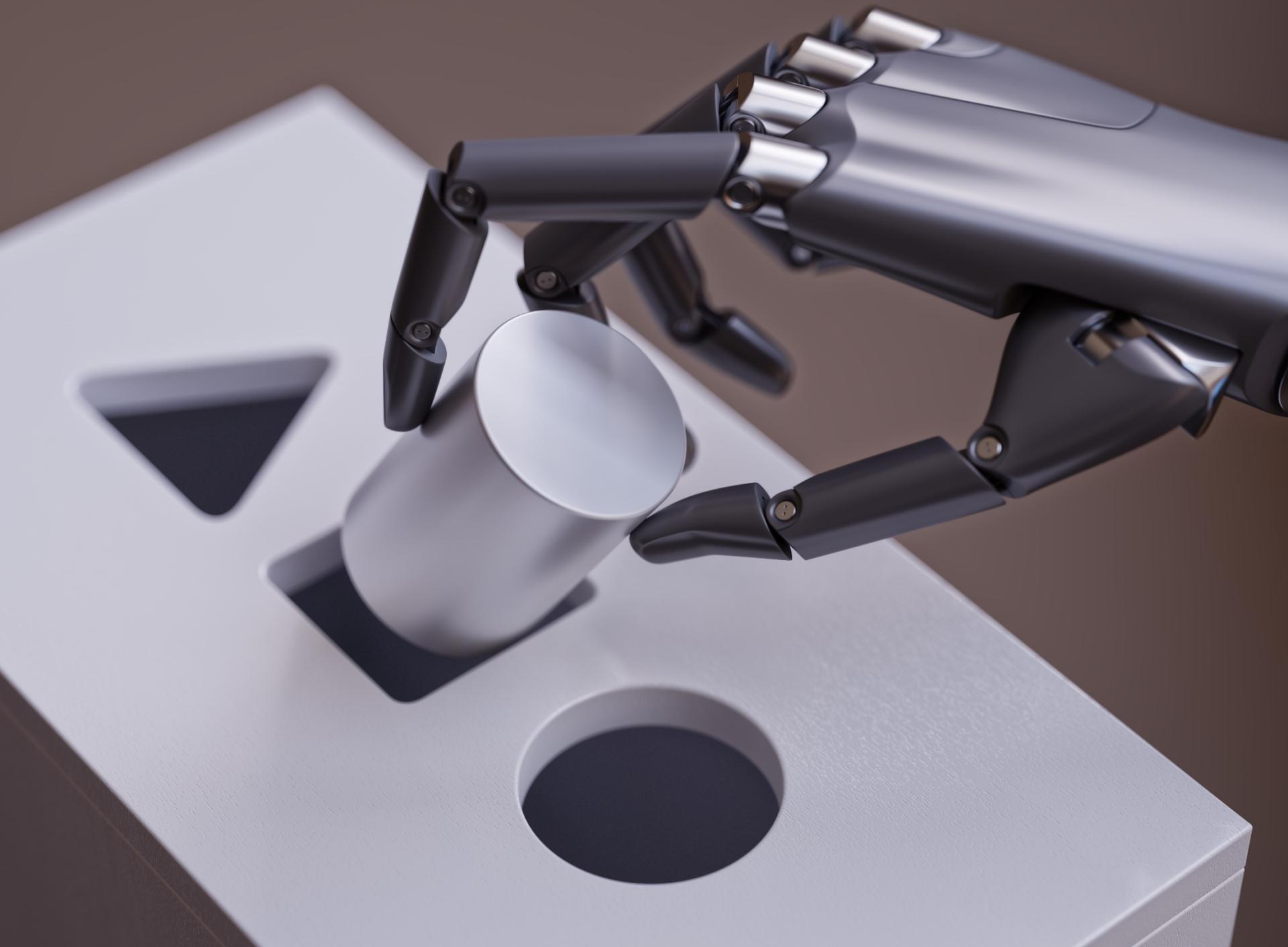




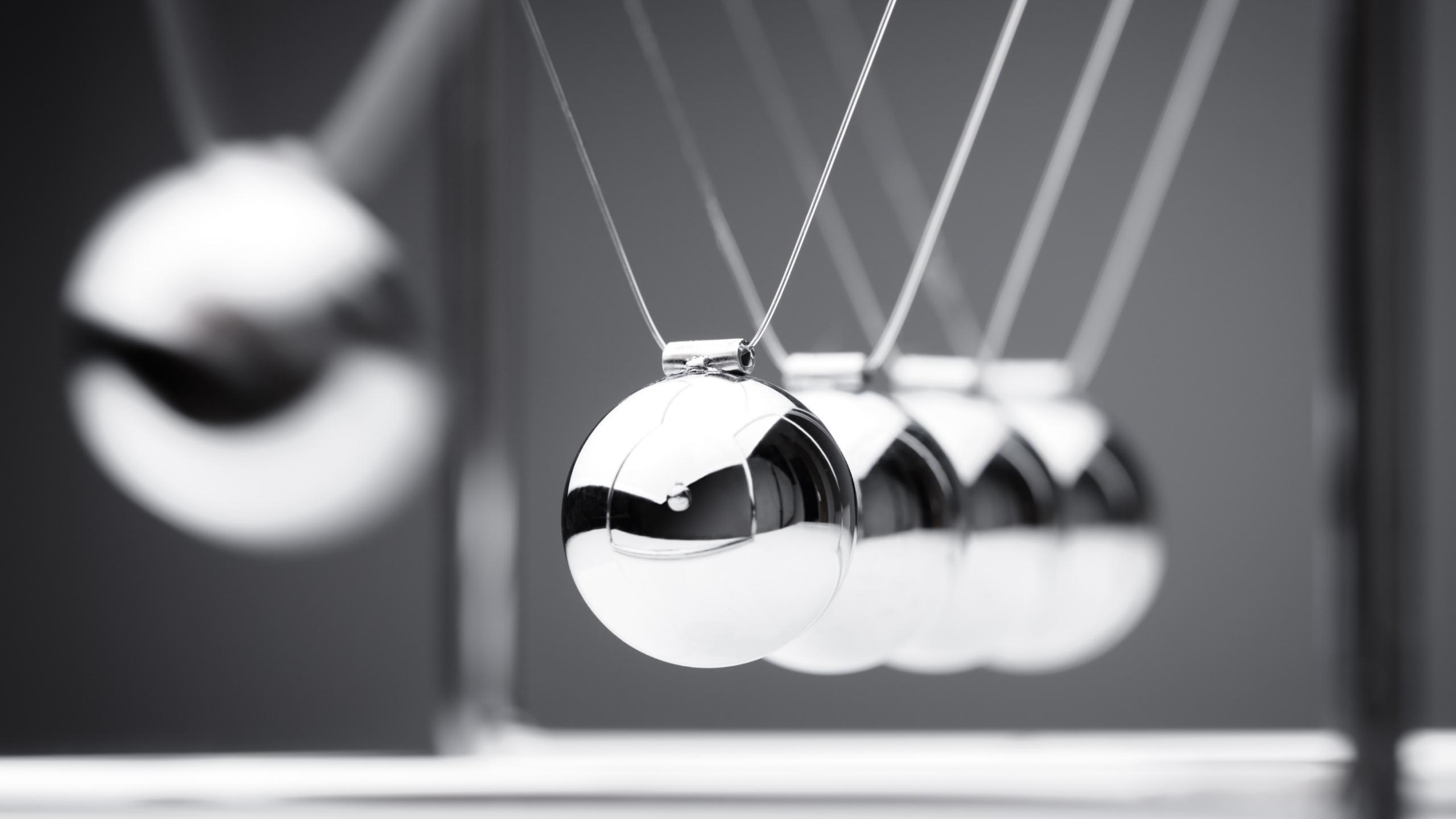






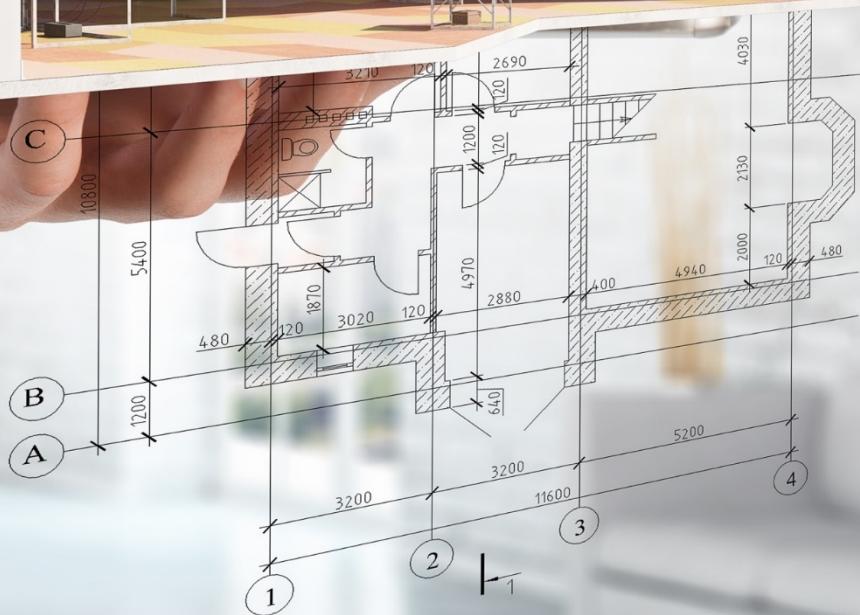
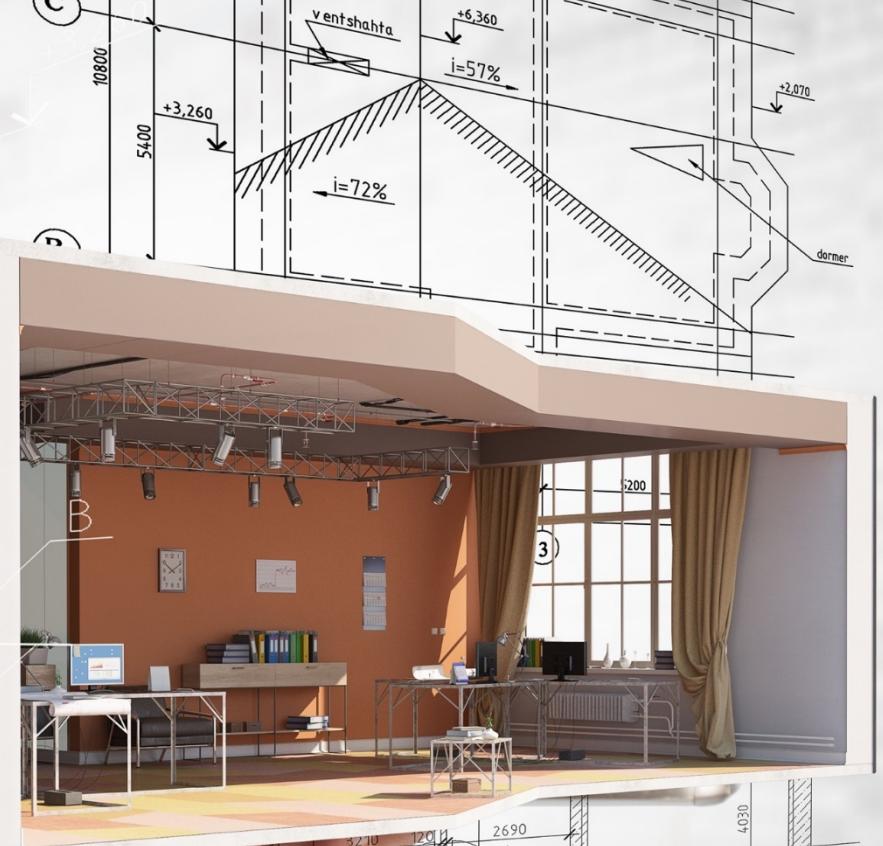
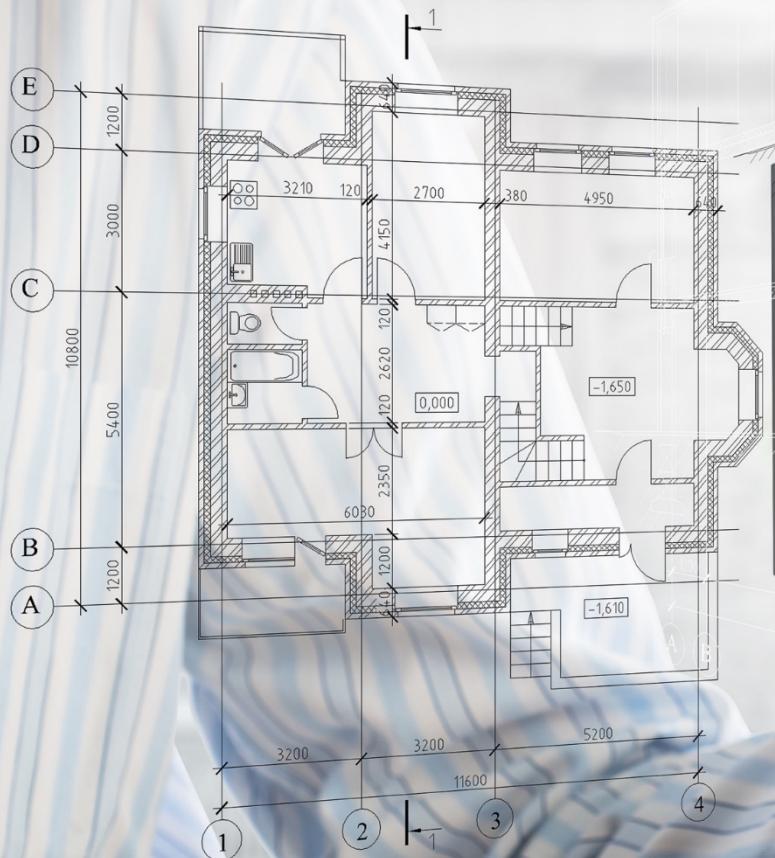


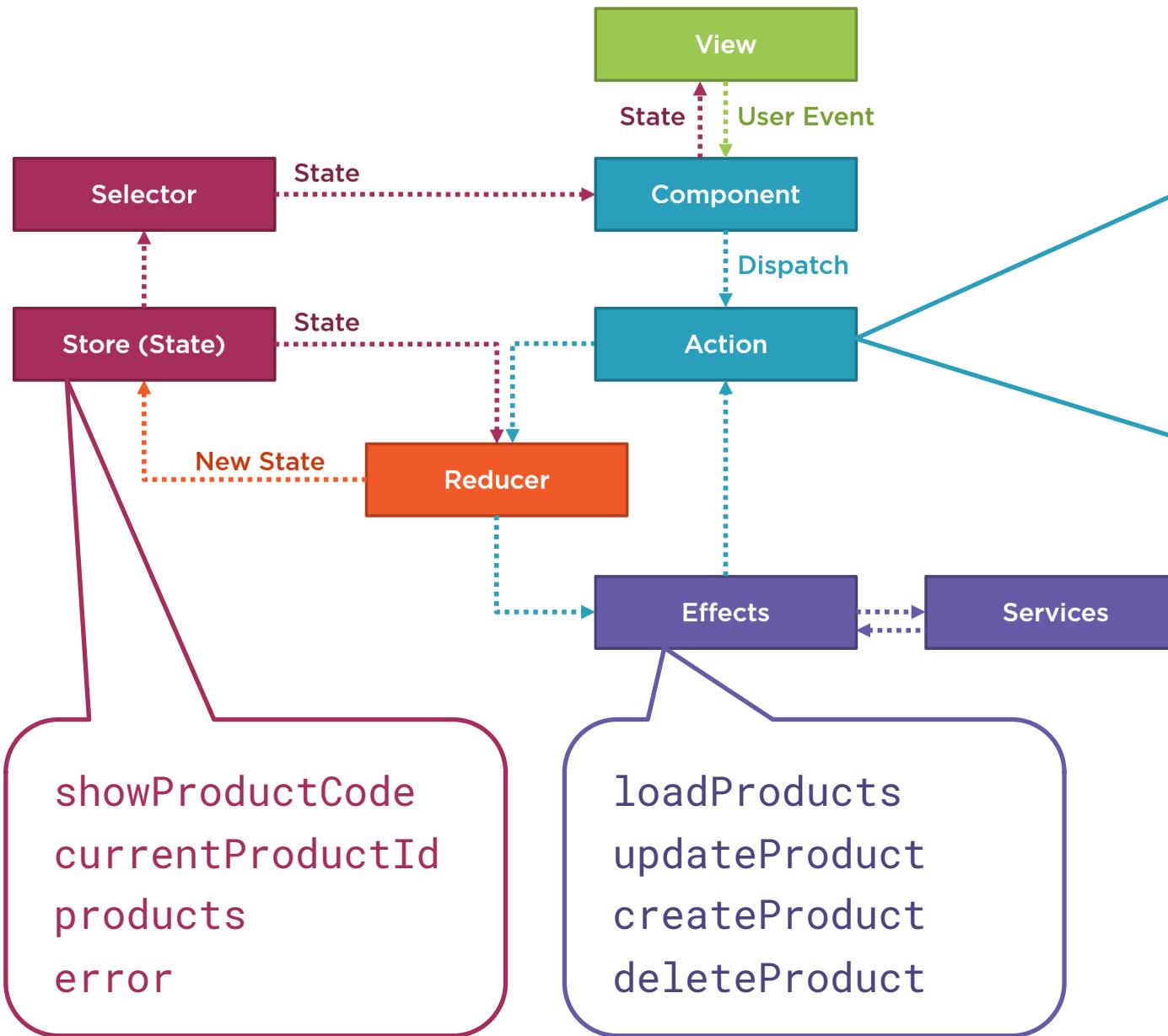




I CAN'T  
DO IT









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Introduction

@ngrx/store

@ngrx/store-devtools

@ngrx/effects

@ngrx/router-store

@ngrx/entity

@ngrx/data

@ngrx/component

@ngrx/schematics

## What is NgRx?

NgRx is a framework for building reactive applications in Angular. NgRx provides state management, isolation of side effects, entity collection management, router bindings, code generation, and developer tools that enhance developers experience when building many different types of applications.

## Why NgRx for State Management?

NgRx provides state management for creating maintainable explicit applications, by storing single state and the use of actions in order to express state changes.



`@ngrx/entity`

**Helps with Create, Read, Update, and Delete (CRUD) operations on entities**

**Helper function for managing collections of entities**

**Reduces the code required to manage entities**



@ngrx/schematics

**Schematics: scaffolding library for generating code using the CLI**

- ng new
- ng generate

**@ngrx/schematics: set of schematics for generating NgRx**

- ng generate **store**
- ng generate **action**
- ng generate **reducer**
- ng generate **effect**
- ng generate **feature**
- ng generate **container**
- ng generate **entity**



@ngrx/router-store

**Connects the Angular router to the store  
Dispatches router navigation actions**



ngrx/data

**Abstracts away the NgRx entity code**

**Configuration and convention, not code**

- No actions or action creators
- No reducers
- No selectors
- No effects
- No code generation

**Extension points for customization**



# ngrx/ component

**Set of helpers to enable more fully reactive applications**

**Experimental**

**Currently provides:**

- ngrxPush pipe
- ngrxLet directive





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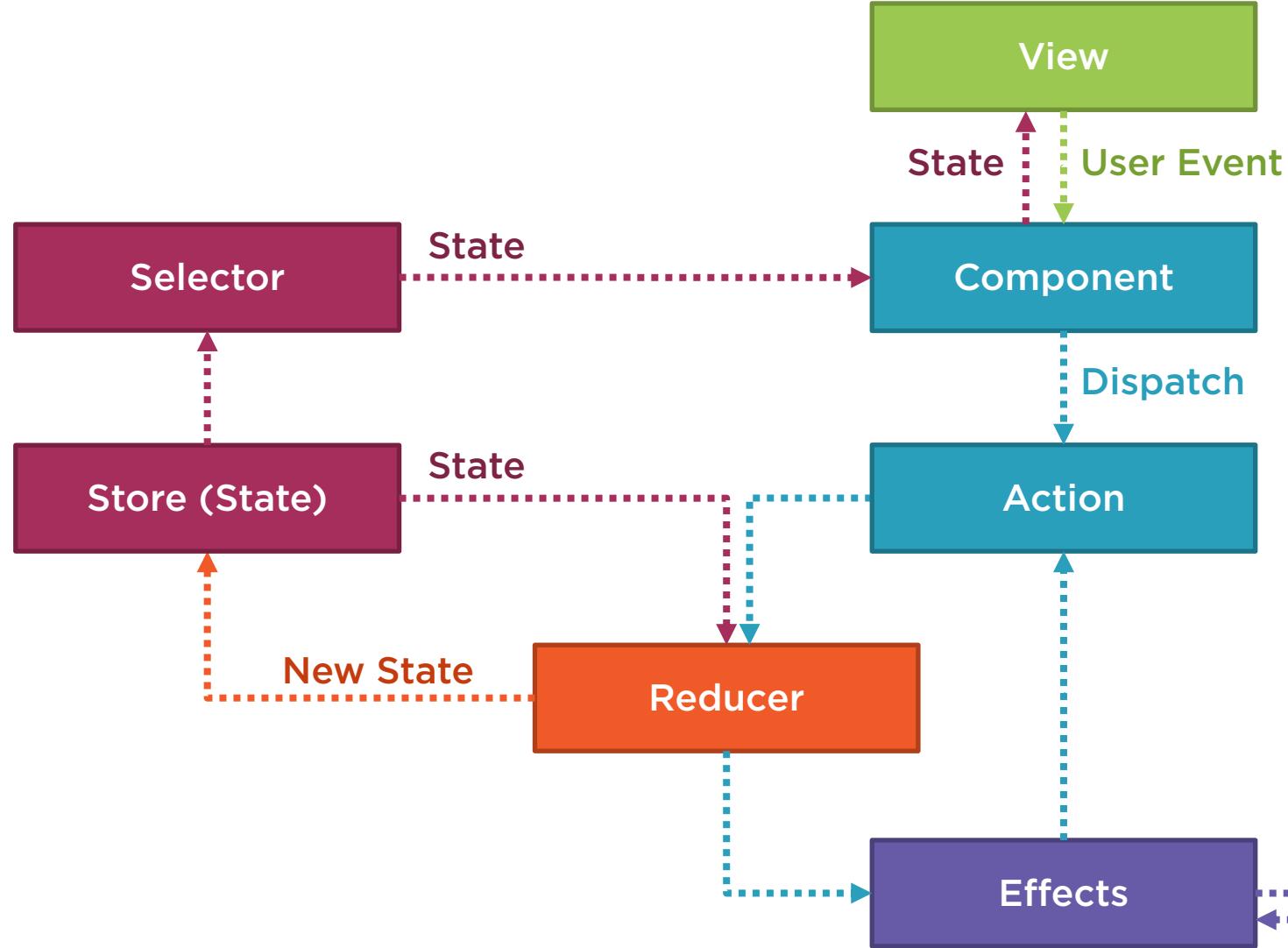
# Learning More



## Courses on Pluralsight

- "Play by Play Angular and ngrx"
- "RxJS in Angular: Reactive Development"
- "Angular Component Communication"





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