



**Skills**  
Network

## Introduction to Redux

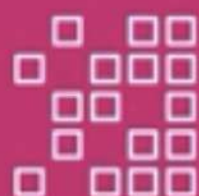
**IBM**

# What you will learn

---



Compare and contrast component vs application states



Explain the purpose of the Redux library



Describe when to use Redux



Summarize the benefits of using Redux

# Component versus application states



Stores data for the entire application

**Application state data**

Accessible from anywhere in the application



# Example

---



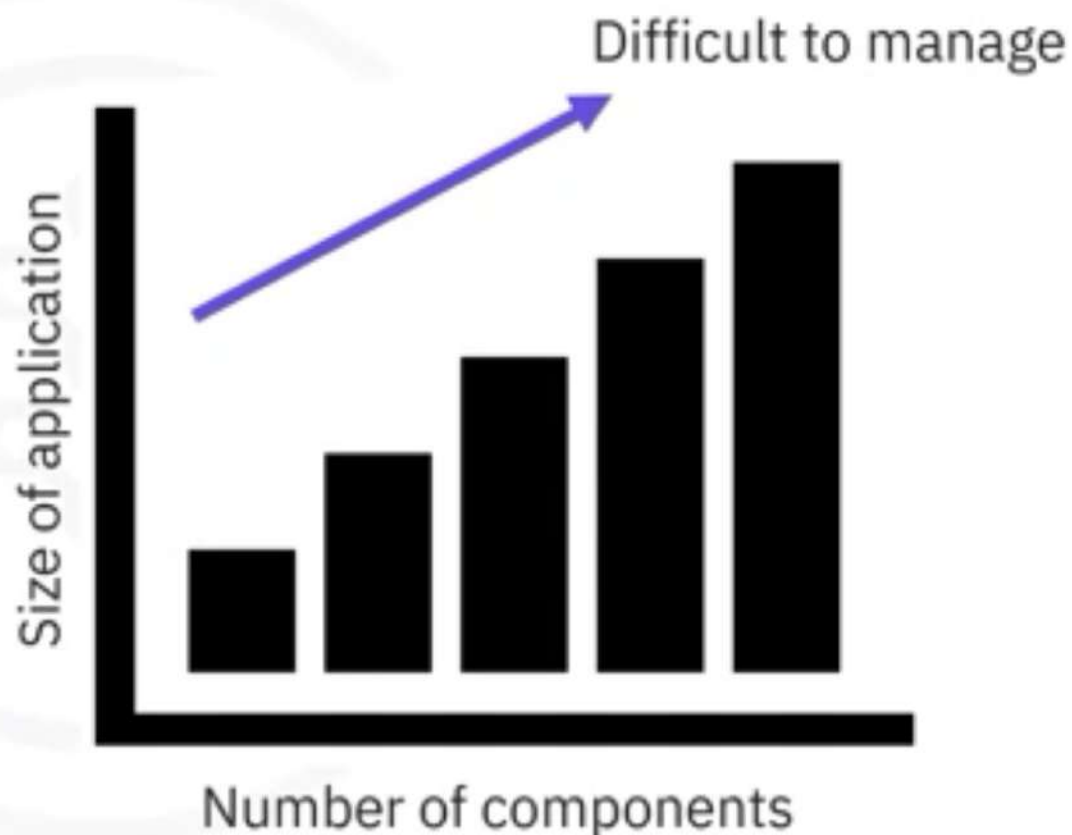
# Purpose

---

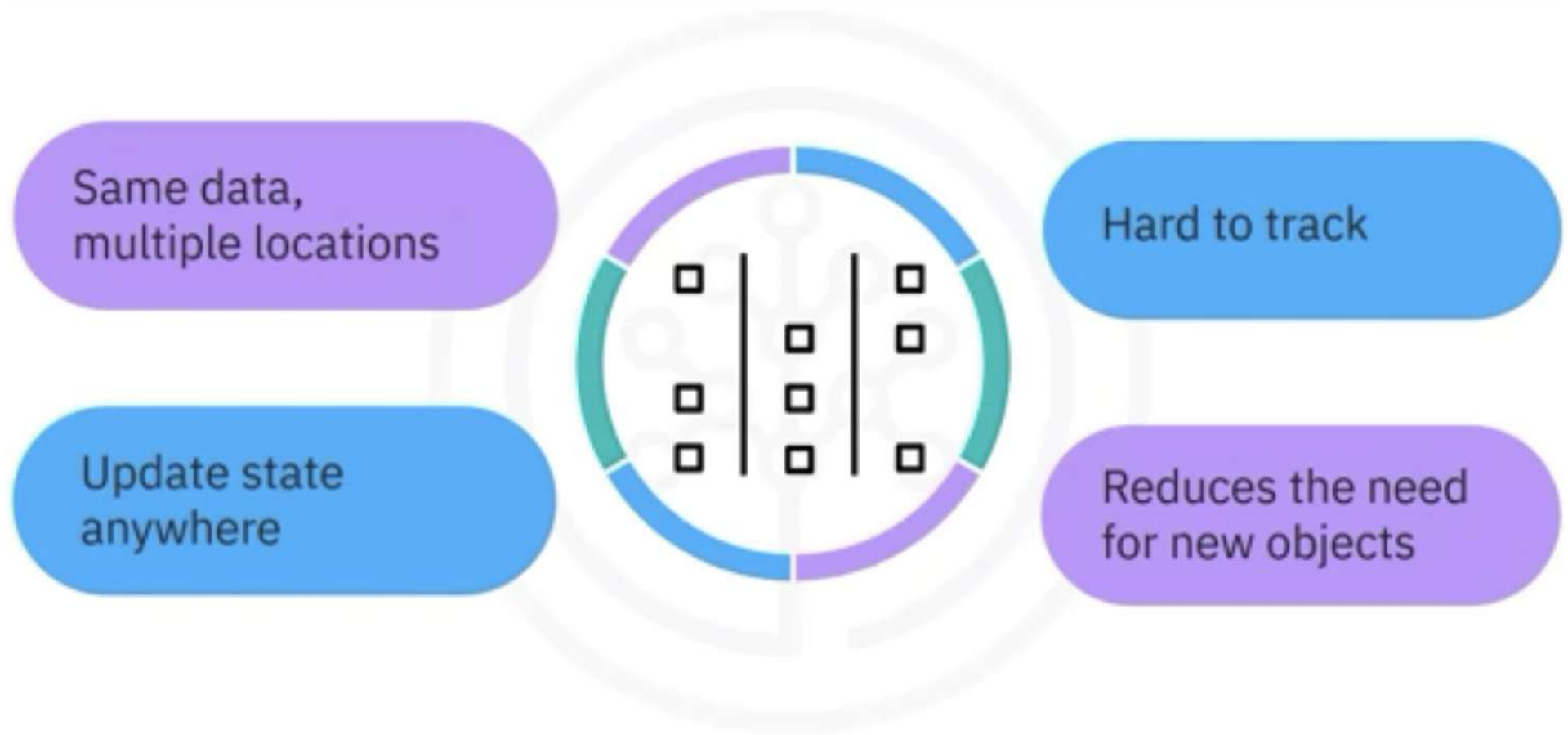


# Large applications

Use Redux rather than passing lots of props



# Common data



# Framework independent

---





# Redux store

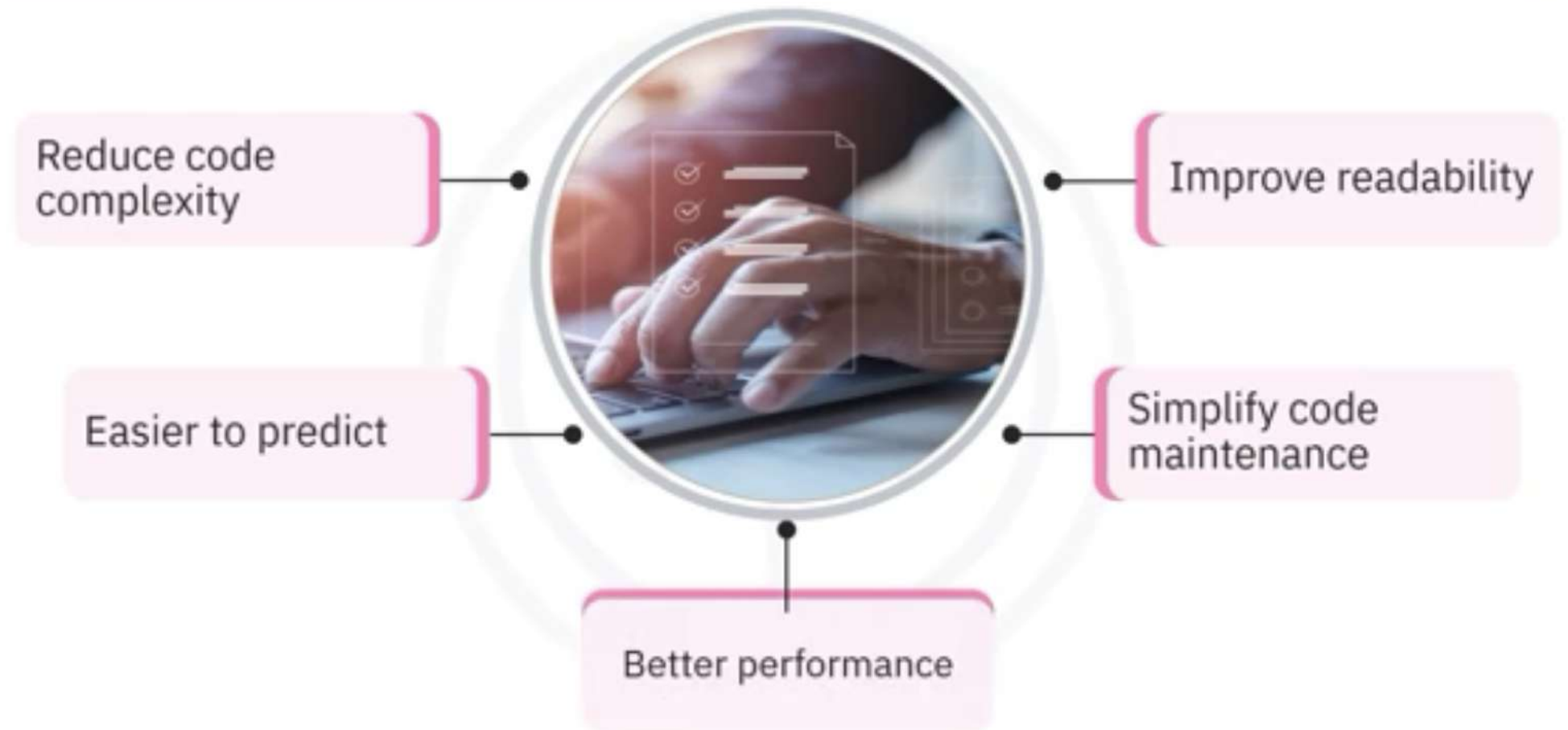
---



Stores the application state data

Single source of truth

# Benefits



## Recap

---

In this video, you learned that:

- An application state holds data about the entire application, and you can access this data from any particular component
- You can use the Redux library to manage your application's state
- Useful when you need to pass data from one part of your component tree to another
- Benefits of Redux include reducing code complexity, improving code readability, better performance, and easier code maintenance