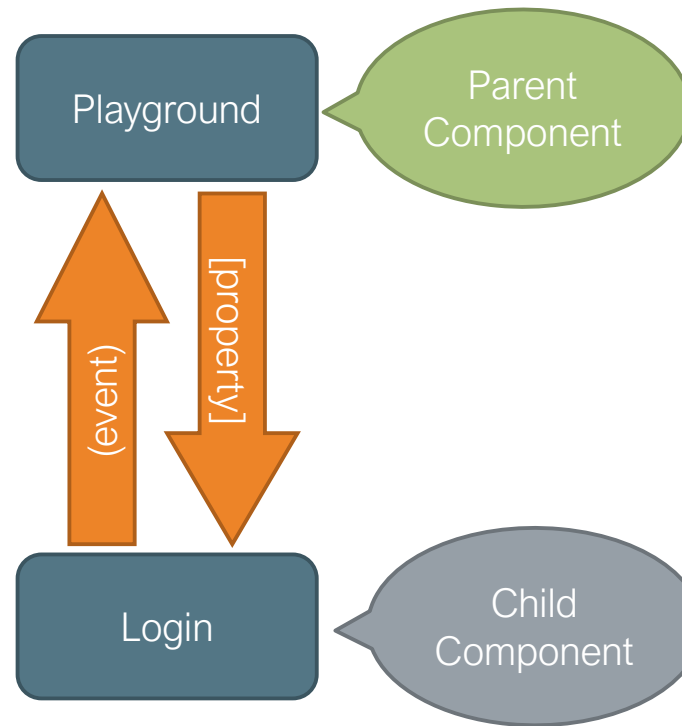# ANGULAR STATE-MANAGEMENT

VIVEKANAND P V

PROBLEM
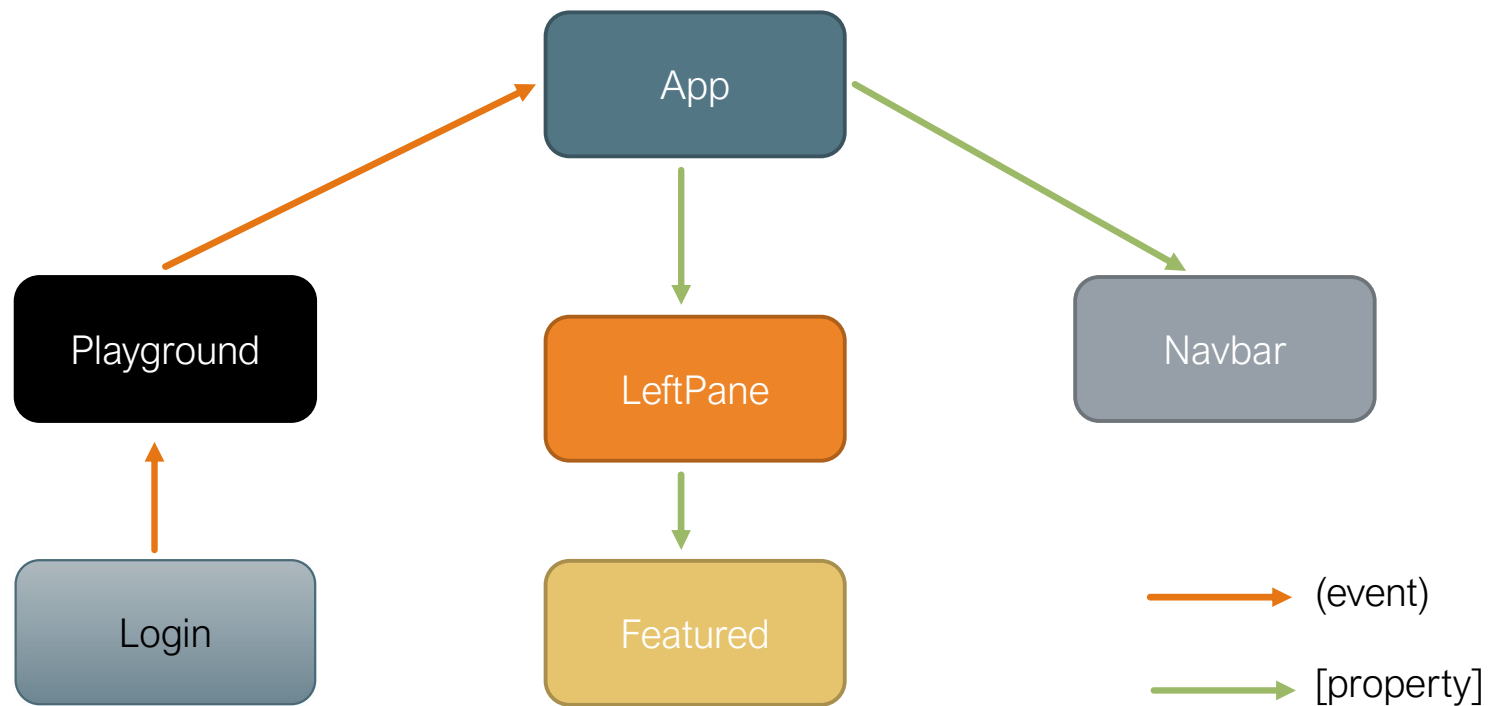
Communication between components not bound by immediate hierarchy becomes complicated as the intermediate components should become conveyers.
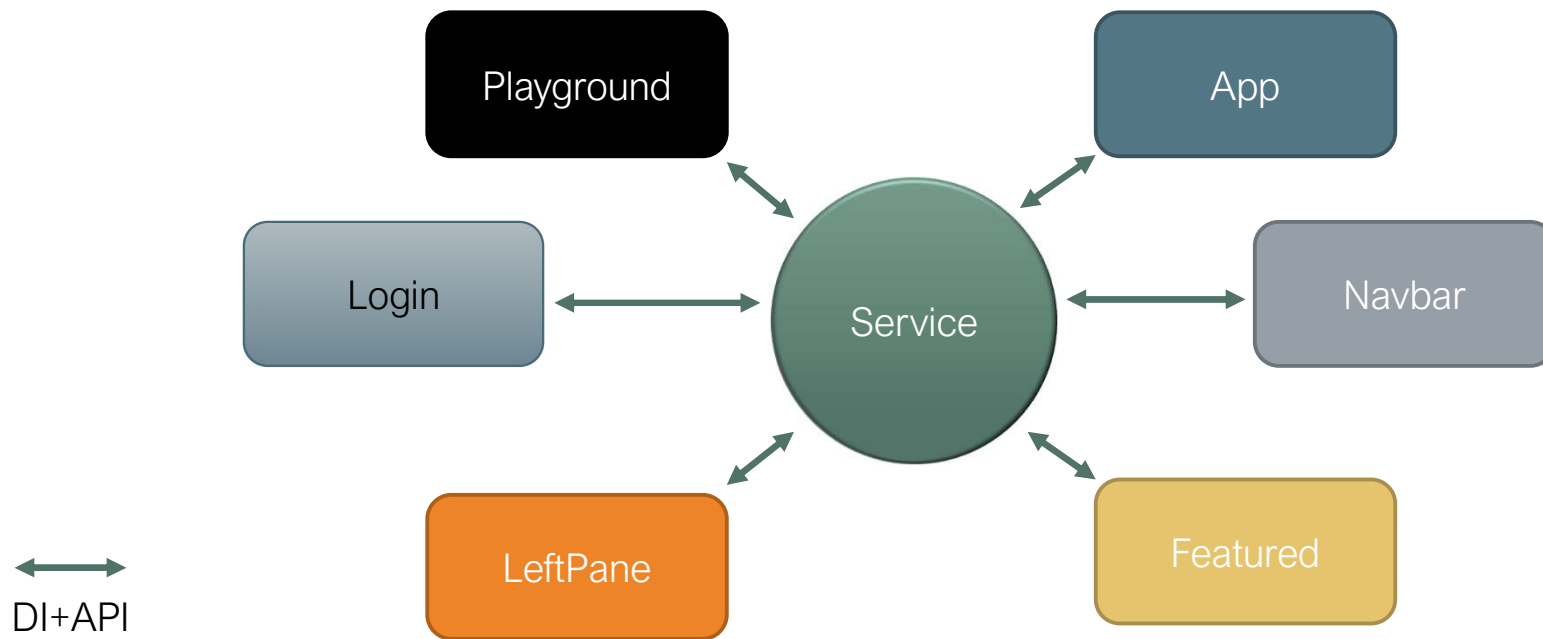
STATE-MANAGEMENT IN THE IMMEDIATE HIERARCHY

STATE-MANAGEMENT USING TUNNELLING

STATE-MANAGEMENT USING SERVICE

CORE CONCEPTS IN STATE-MANAGEMENT

- Abstract the state in the service and create an API over the state

- Configure the service to be a singleton and make it available to interested parties (components, directives, etc.) via Angular dependency injection

ADDITIONAL STEPS TO CONSIDER

- For better state-management, consider implementing the state as subjects and exposing the API as Observables

- Observable-based APIs are well suited for real-time communication

- Change in state is propagated automatically

- RxJS operators are extremely useful

- Some elegant solutions such as NgRx could be considered