STATE MANAGEMENT IN ANGULAR & NGRX 8

<live-coding>

{codemotion}

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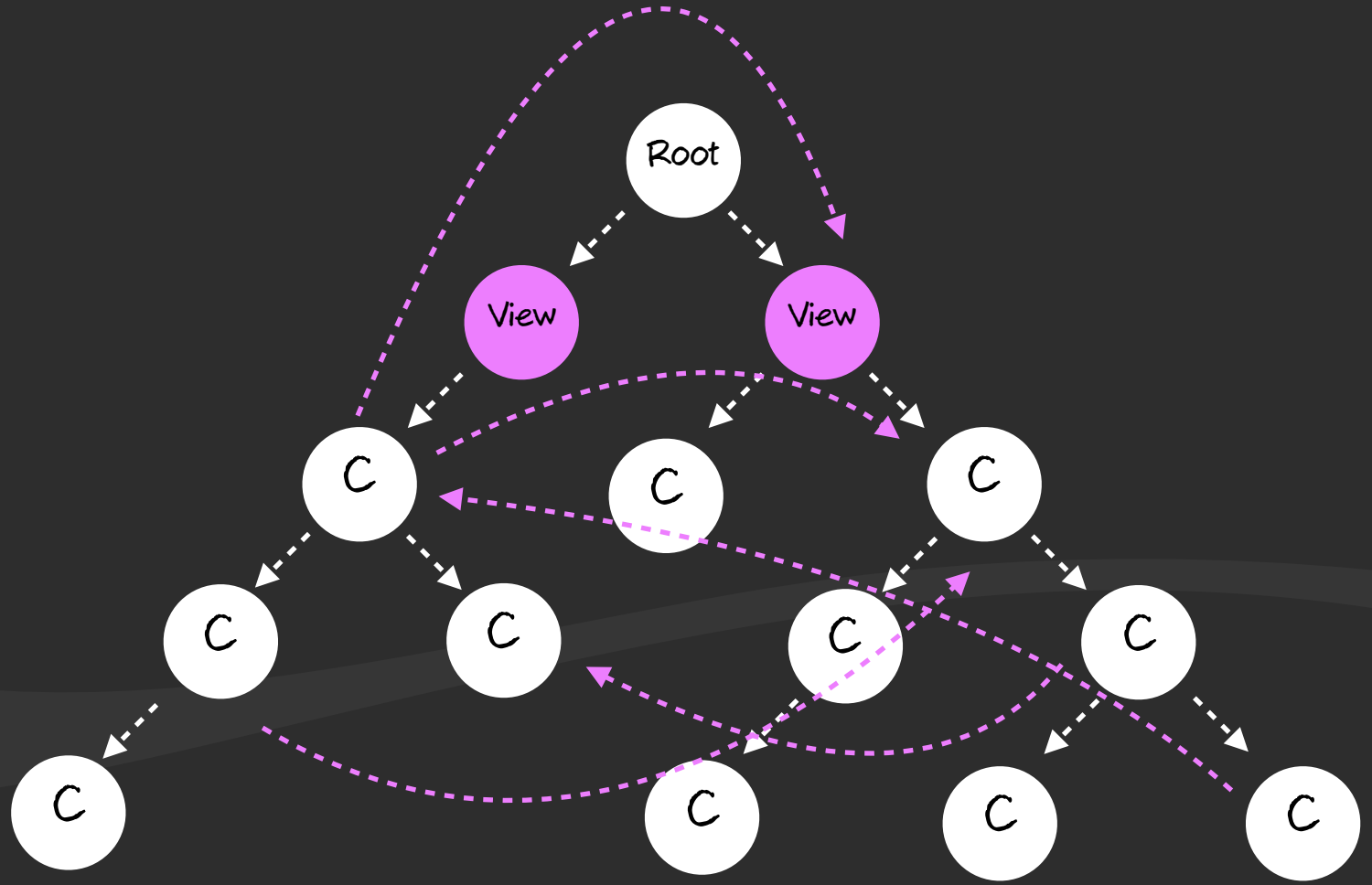
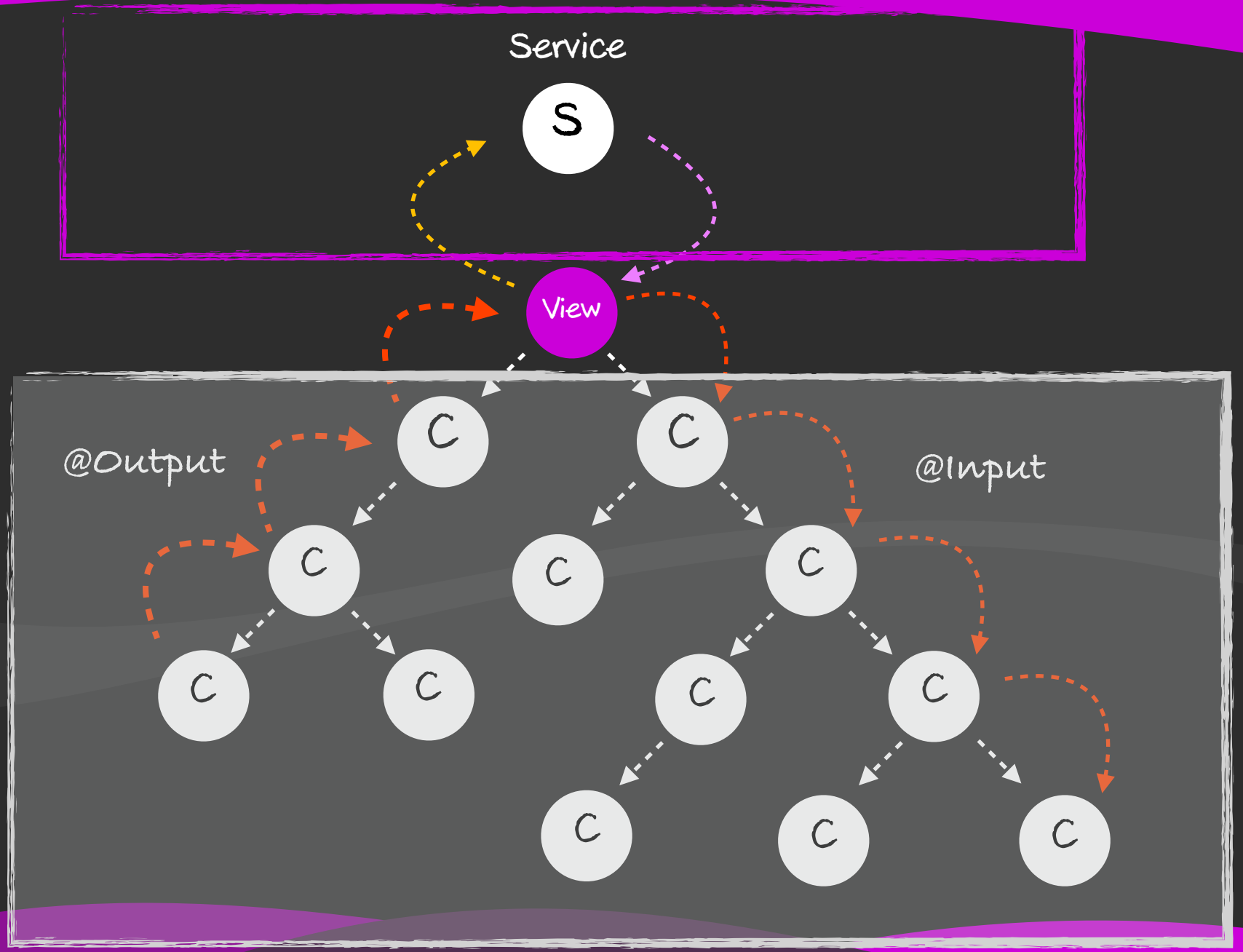
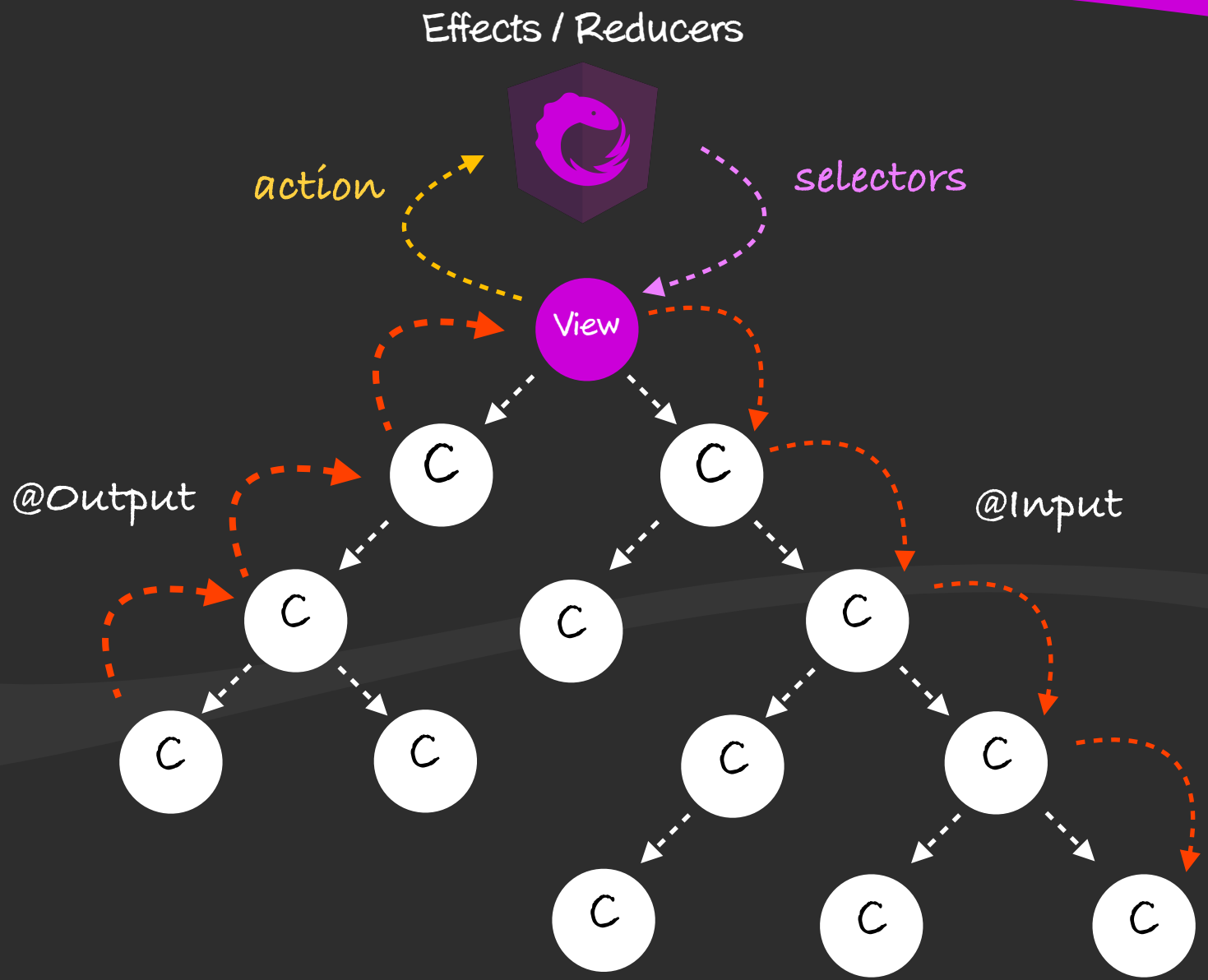
IL PROBLEMA

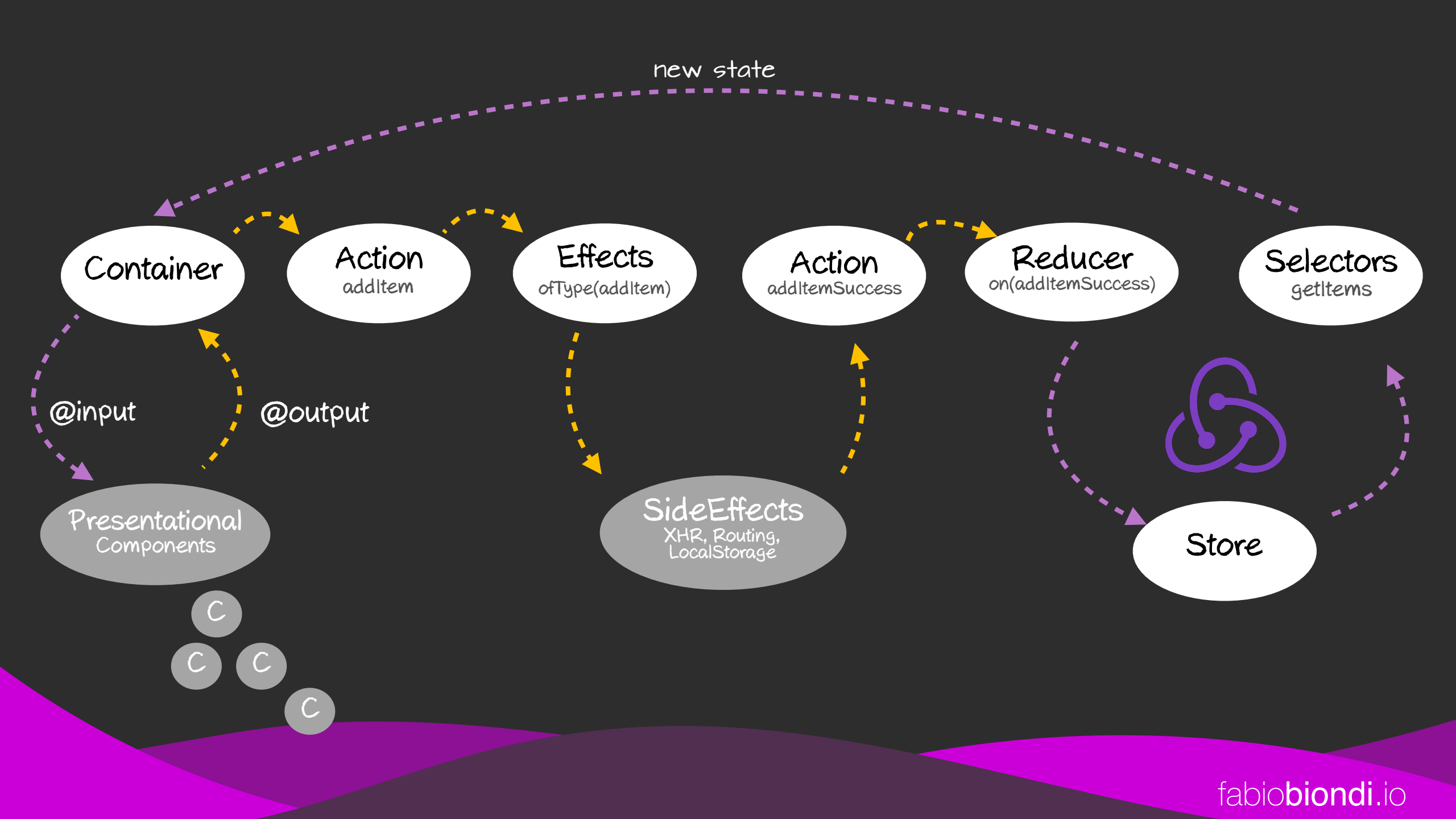

Root
View
View
C
C
C
C
C
C
C
C
C
C
C

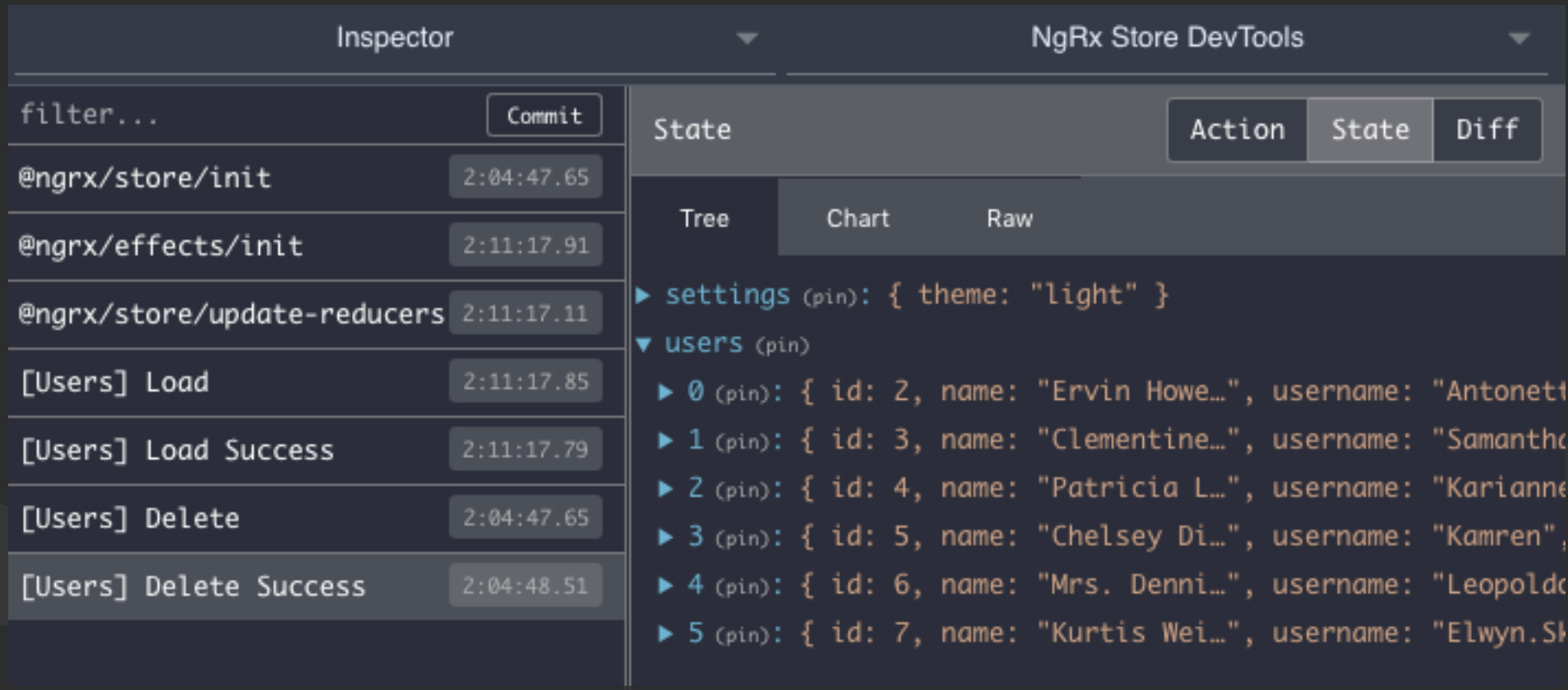
LA SOLUZIONE


Service
S
View
@Output
@Input
C

NGRX


Effects / Reducers
action
selectors
View
@Output
@Input
C

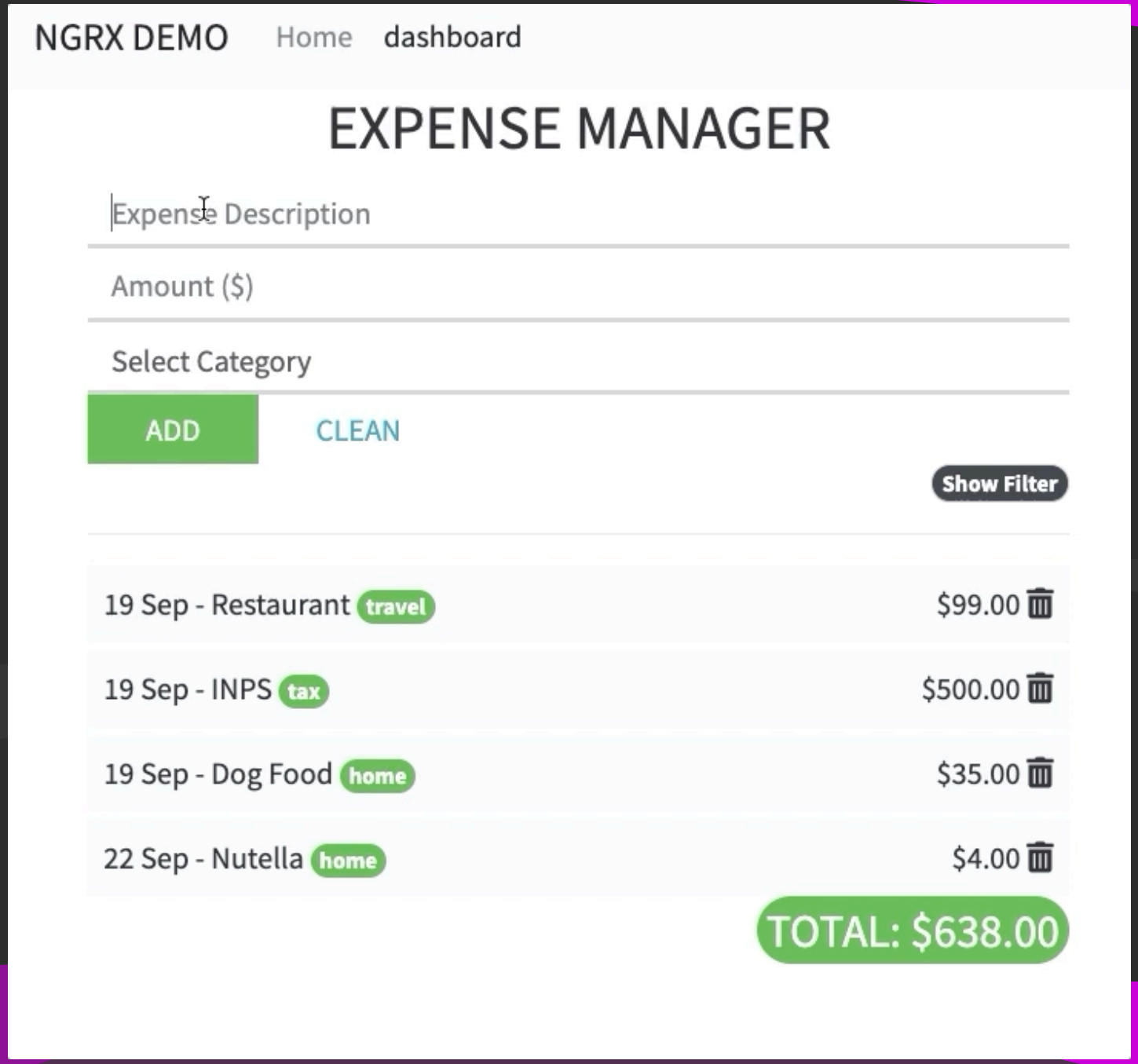

new state
Container
Action
addItem
Effects
ofType(addItem)
Action
addItemSuccess
Reducer
on(addItemSuccess)
Selectors
getItems
@input
@output
Presentational
Components
C
C
C
C
SideEffects
XHR, Routing,
LocalStorage
Store


Inspector
NgRx Store DevTools
filter...
Commit
@ngrx/store/init
2:04:47.65
@ngrx/effects/init
2:11:17.91
@ngrx/store/update-reducers
2:11:17.11
[Users] Load
2:11:17.85
[Users] Load Success
2:11:17.79
[Users] Delete
2:04:47.65
[Users] Delete Success
2:04:48.51
State
Action
State
Diff
Tree
Chart
Raw
settings (pin): { theme: "light" }
users (pin)
0 (pin): { id: 2, name: "Ervin Howe…", username: "Antonett
1 (pin): { id: 3, name: "Clementine…", username: "Samantha
2 (pin): { id: 4, name: "Patricia L…", username: "Karianne
3 (pin): { id: 5, name: "Chelsey Di…", username: "Kamren",
4 (pin): { id: 6, name: "Mrs. Denni…", username: "Leopold
5 (pin): { id: 7, name: "Kurtis Wei…", username: "Elwyn.Sk

NGRXSTORE

- **single source of truth**
- State is **read-only**
- Only **reducers can change the state**

<demo>


NGRX DEMO
Home
dashboard
EXPENSE MANAGER
Expense Description
Amount ($)
Select Category
ADD
CLEAN
Show Filter
19 Sep - Restaurant travel
$99.00
19 Sep - INPS tax
$500.00
19 Sep - Dog Food home
$35.00
22 Sep - Nutella home
$4.00
TOTAL: $638.00

<live-code>

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