

**LET'S GO  KUTTER**

**6. E' TEMPO DI STATO!**



**the  
Communities Bay**

# Federico Parezzan

Java Developer



Sviluppatori Flutter



federico-parezzan



parez93



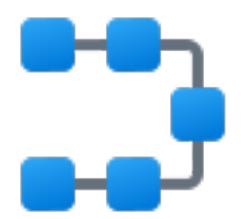
parezzan.com



thecmmbay.com

*Sono un essere umano, nulla che sia umano mi è estraneo ~ Terenzio*

# Agenda



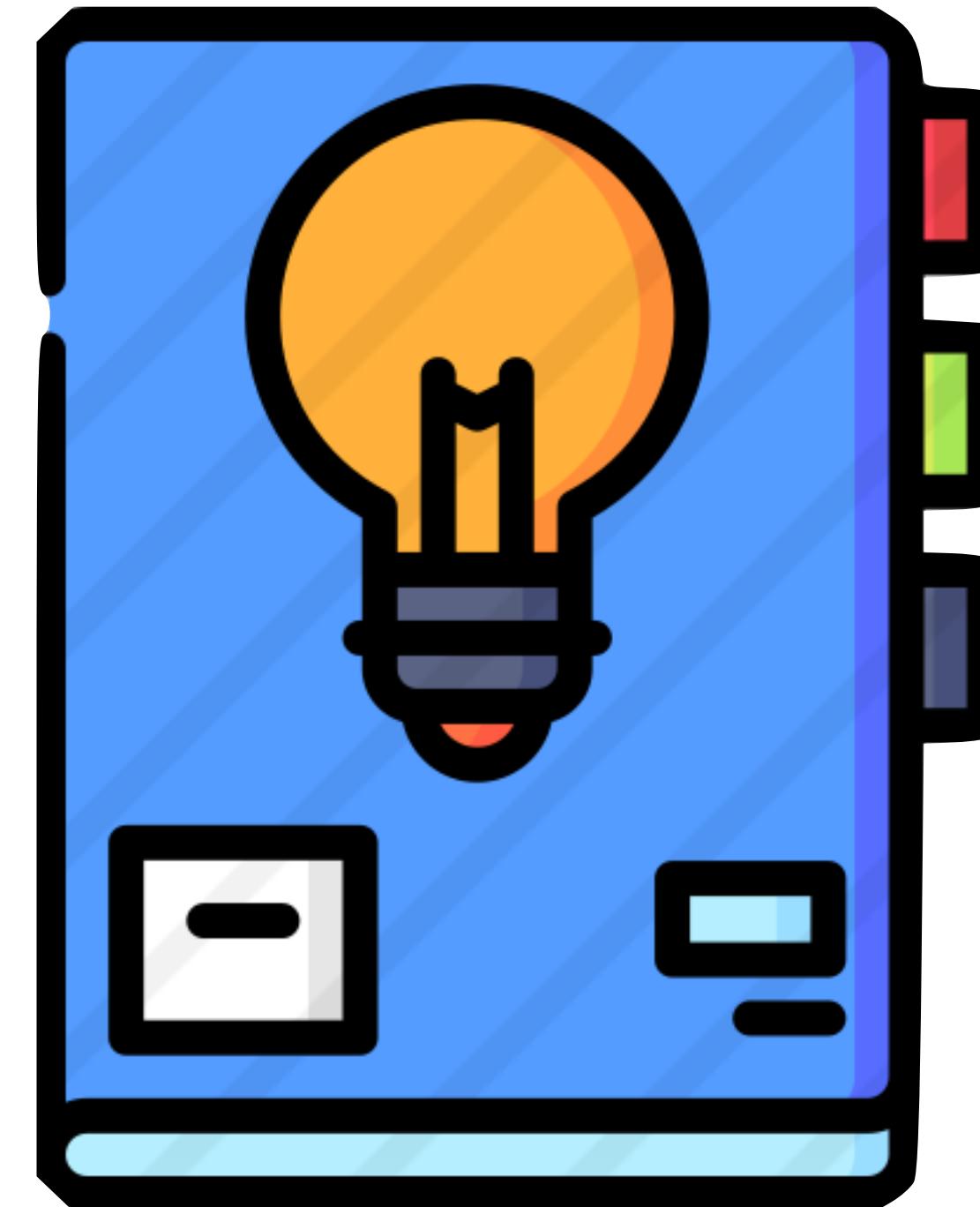
State and state management



Provider



Other state management libraries



# **State and state management**

# The built-in package

**UI = f( state )**

The layout  
on the screen

Your  
build  
methods

The application state

# **What's the state?**

**The state of an app is everything that exists in memory when the app is running.**

# **What's the state?**

**Whatever data you need in order to  
rebuild your UI at any moment in time**

# **What's the state management?**

**It's how you manage the state of your  
widgets and app.**

# Two state types

Ephemeral state

vs

App state

# Two state types

## Ephemeral state

vs

## App state

# Two state types

Ephemeral state

vs

App state

# Two state types

There is no clear-cut and universal rule! 

# Two state types

There is no clear-cut and universal rule! 

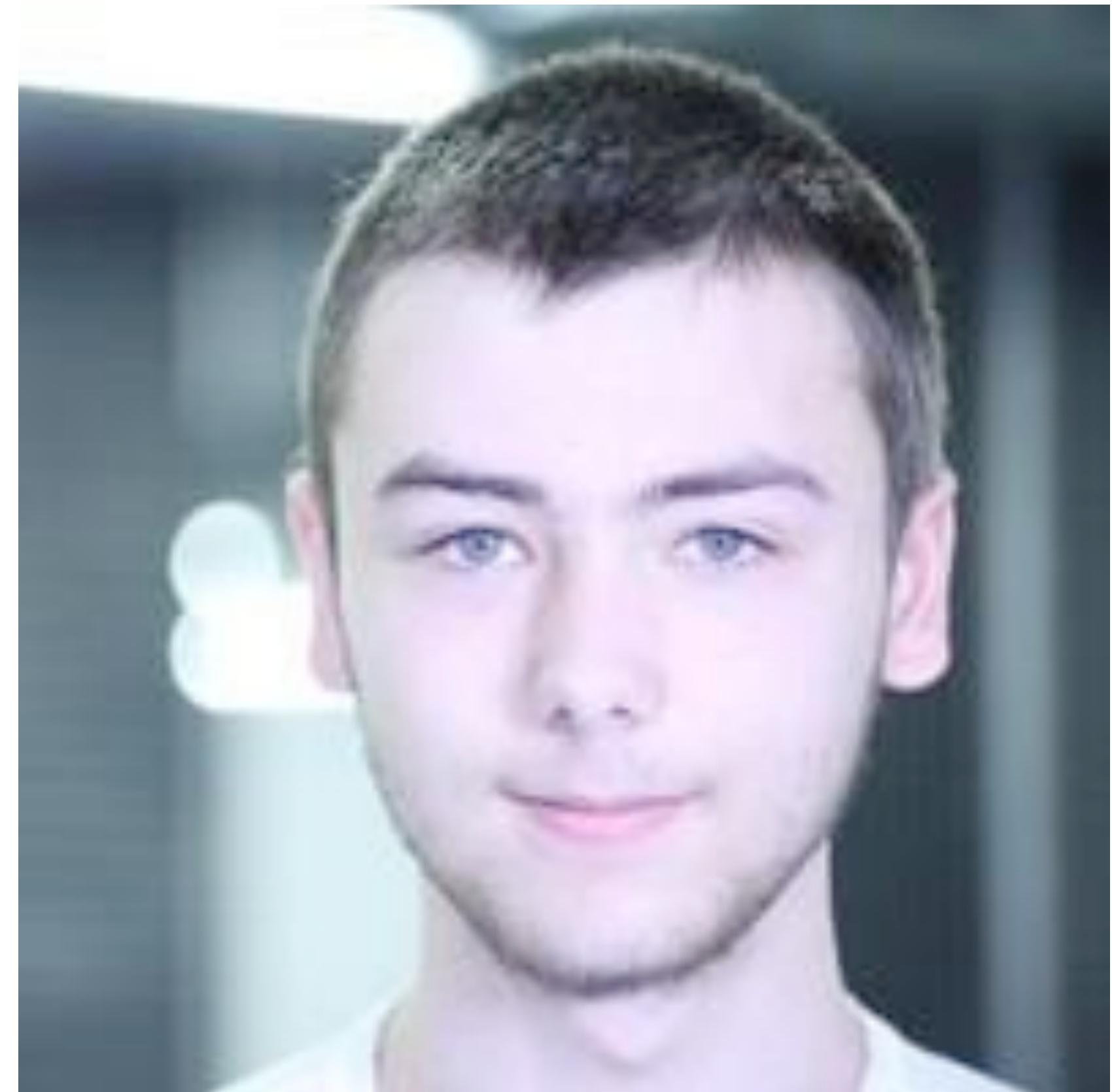


***Do whatever is less awkward.***

# Provider

# Provider

- package is easy to understand
- it doesn't use much code
- It uses concepts that are applicable in every other approach.



Remi Rousselet

# Key classes

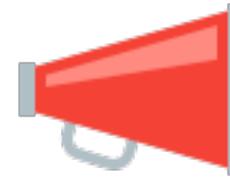


ChangeNotifier

# Key classes



ChangeNotifier



ChangeNotifierProvider

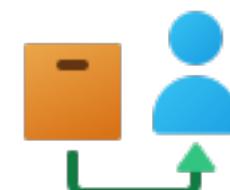
# Key classes



ChangeNotifier



ChangeNotifierProvider



Consumer

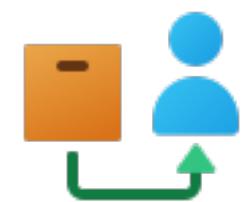
# Key classes



ChangeNotifier



ChangeNotifierProvider



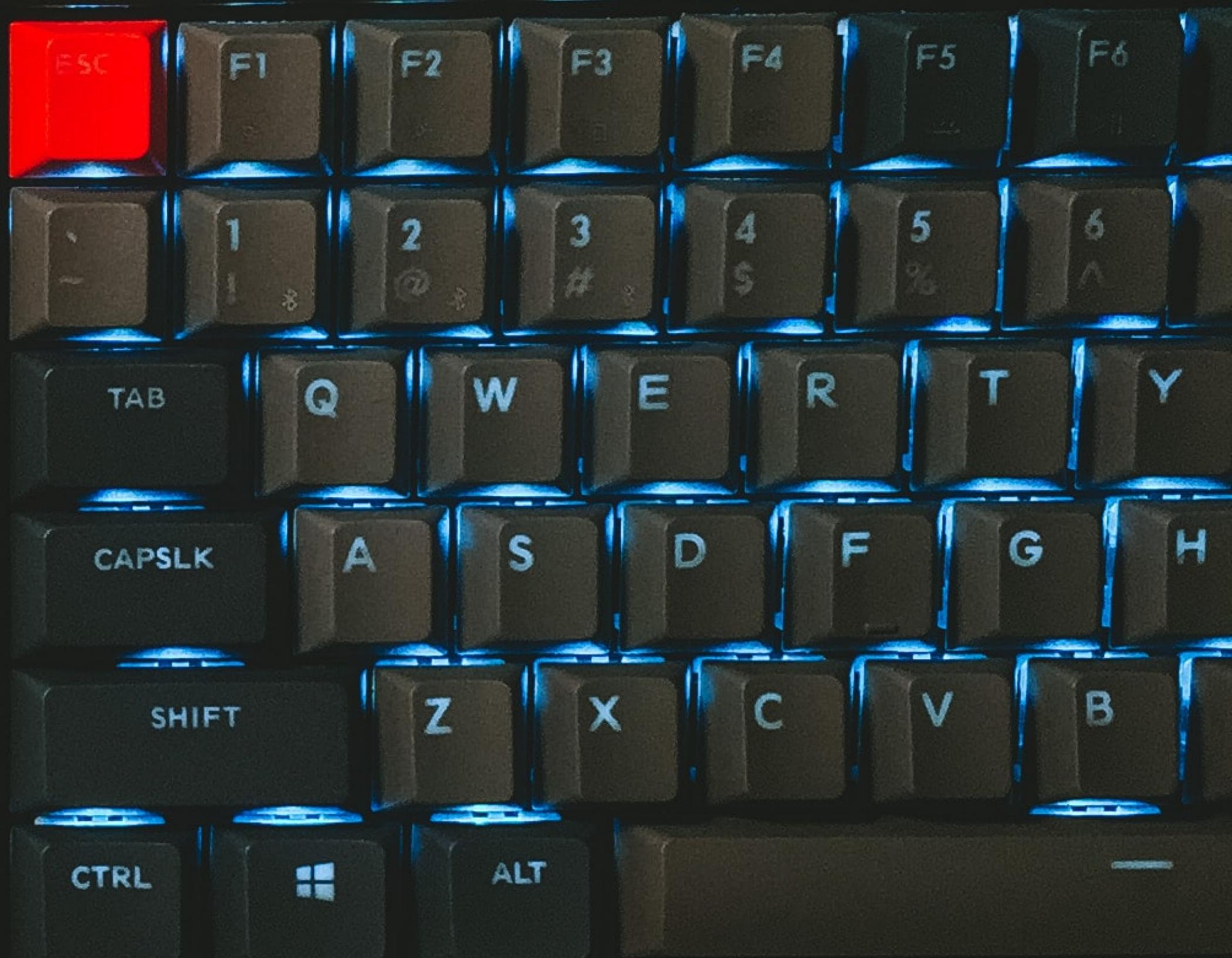
Consumer



MultiProvider



# DEMO



# Other state management libraries

# Other state management libraries

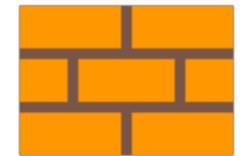


Redux

# Other state management libraries



Redux



BLoC

# Other state management libraries

 Redux

 BLoC

 MobX

# Other state management libraries



Redux



BLoC



MobX



Riverpod

**TOO MUCH!**

**IT'S TOO MUCH!**

# Recap

## What we have learned

- 👉 Key concepts of state management
- 👉 Provider package
- 👉 Other packages for handling application state

DILLO DI NUOVO:



STATE MANAGER

**#Dashatar**

<https://dashatar-dev.web.app/>





**Q&A**