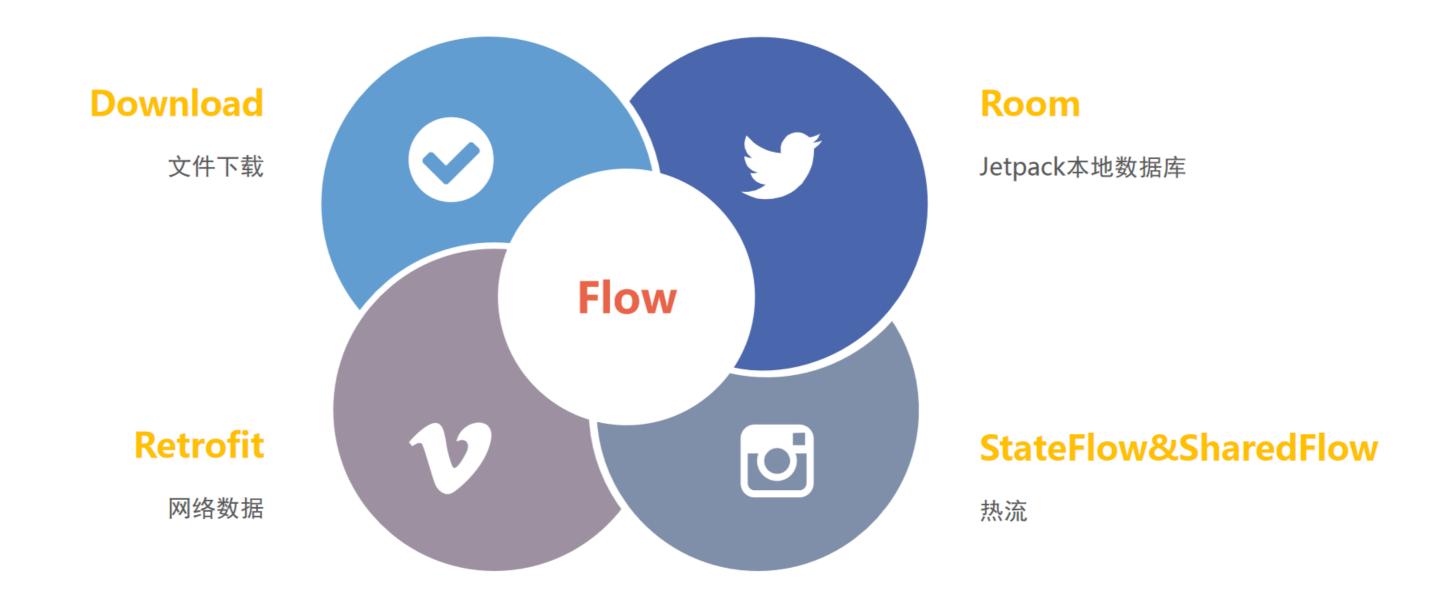


《Android Kotlin协程实战》

协程Flow的综合应用

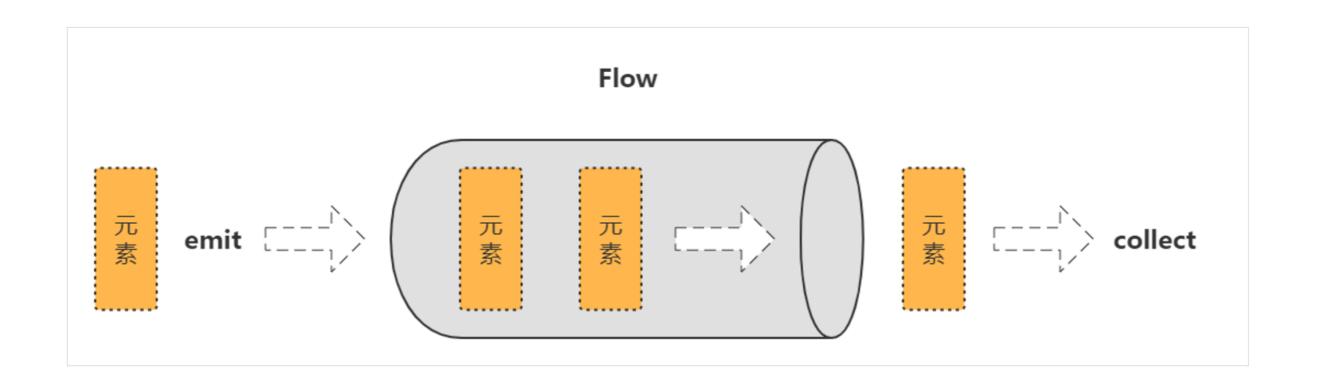
让人人都能享受到高品质的教育服务

协程Flow的综合应用

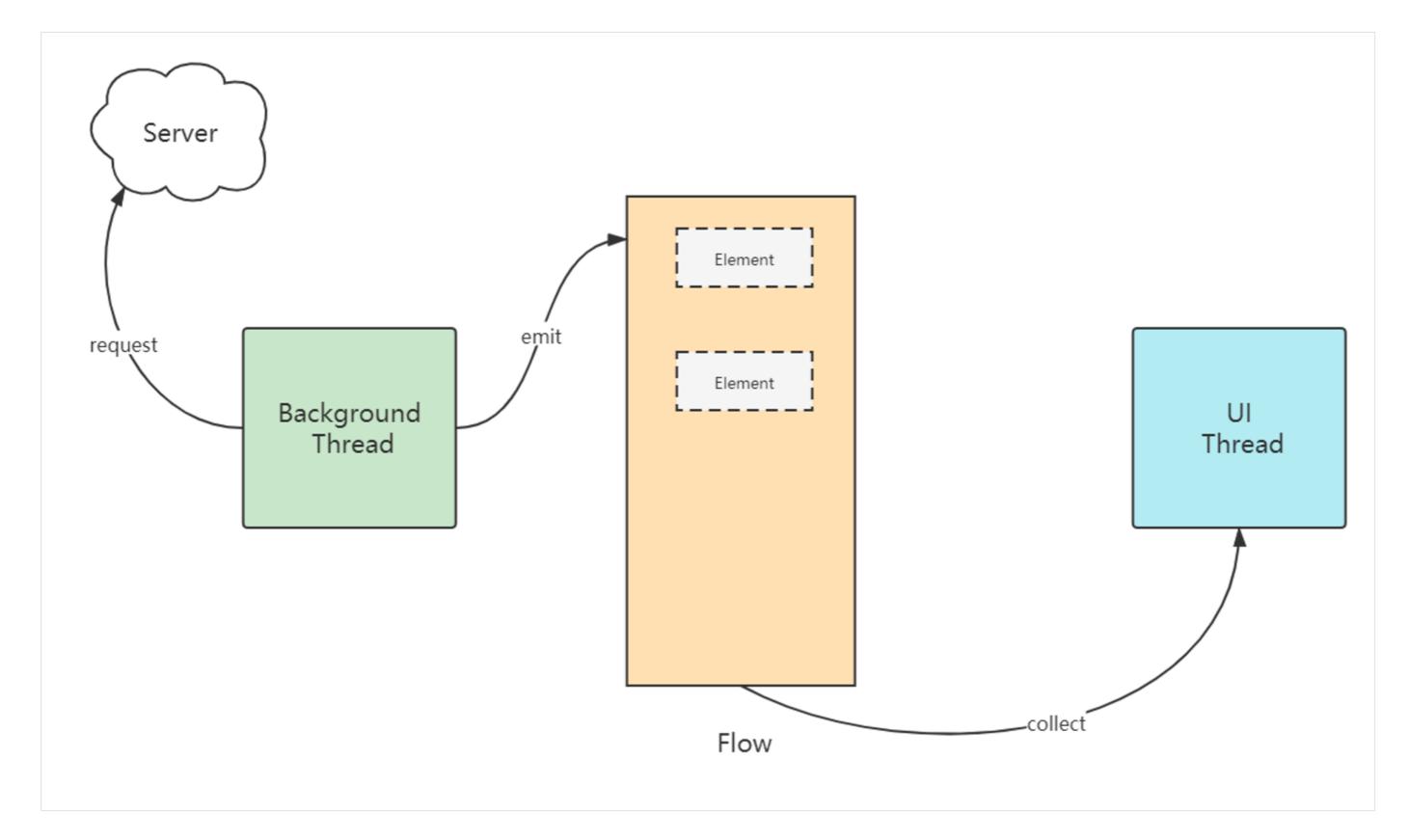


Flow异步流

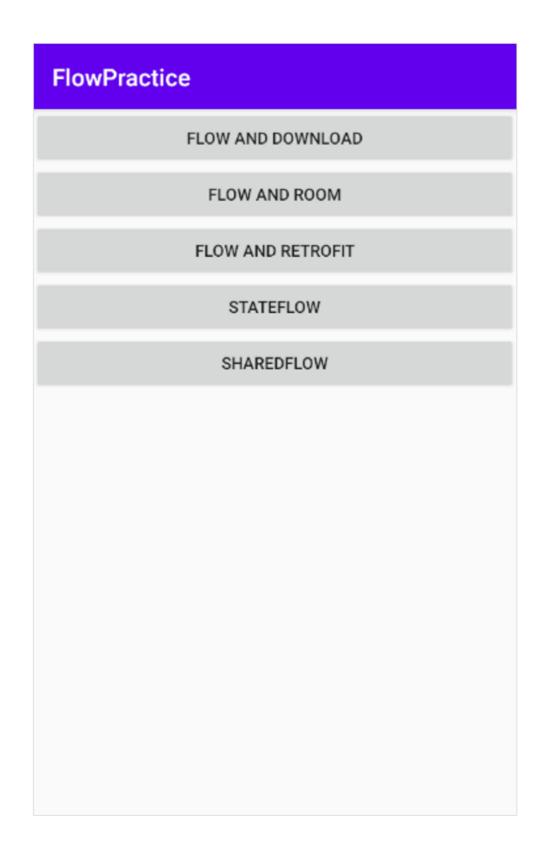
➤ Flow最主要的作用在于异步返回多个值,文件下载就是Flow最经典的一个应用场景。

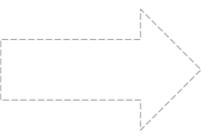


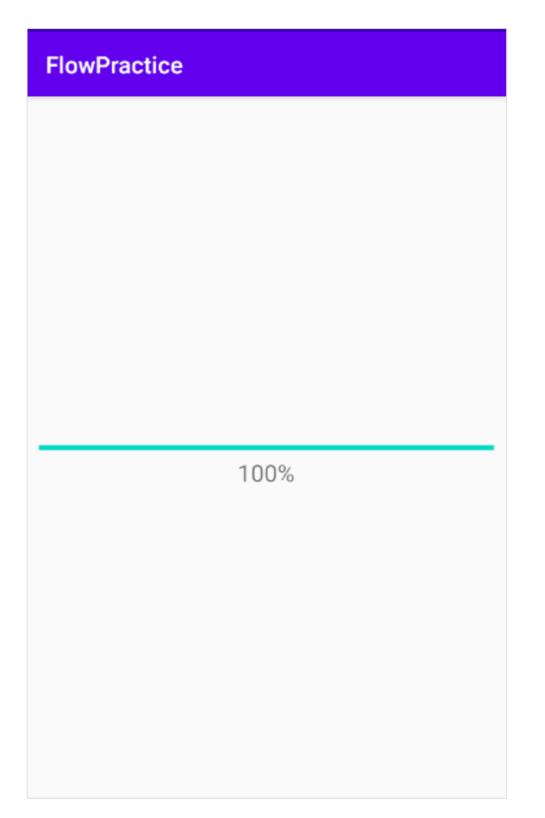
Flow与文件下载



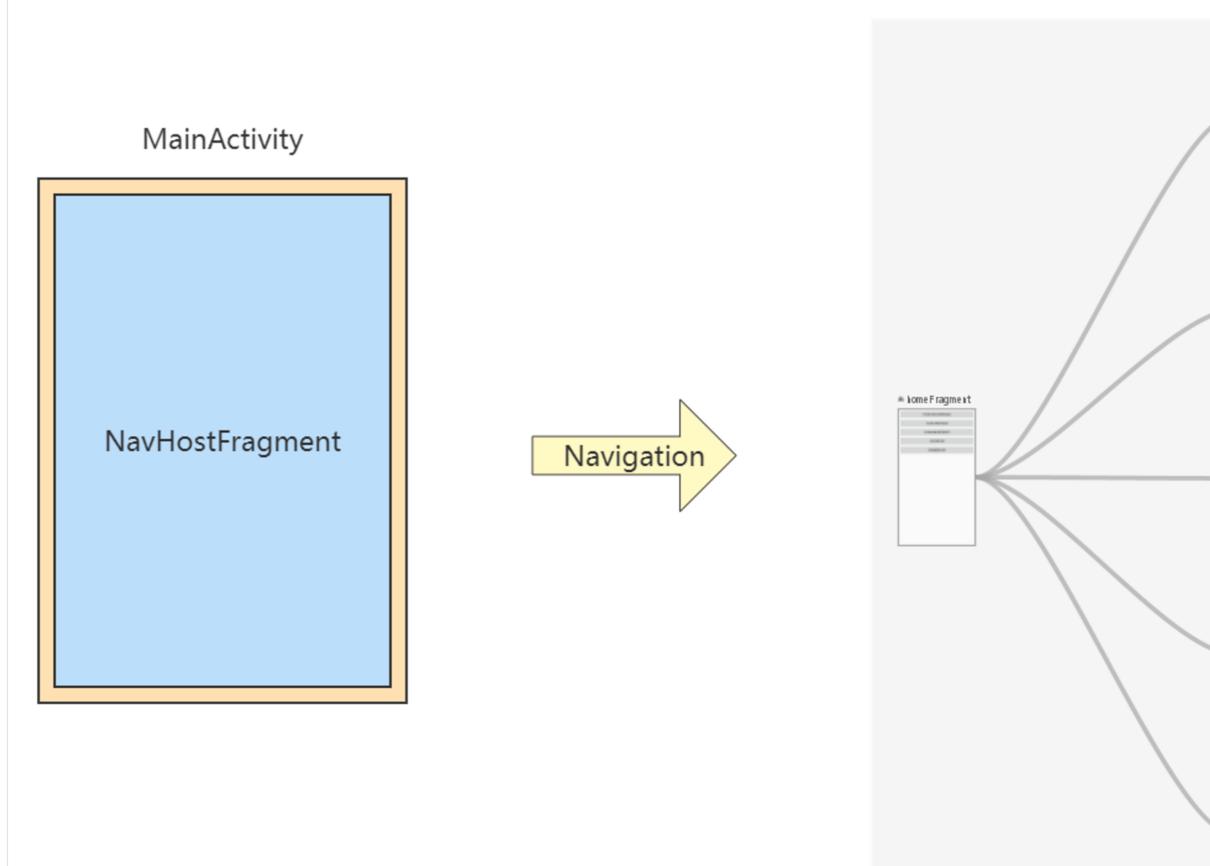
Flow与文件下载







页面结构



down load Fragm..

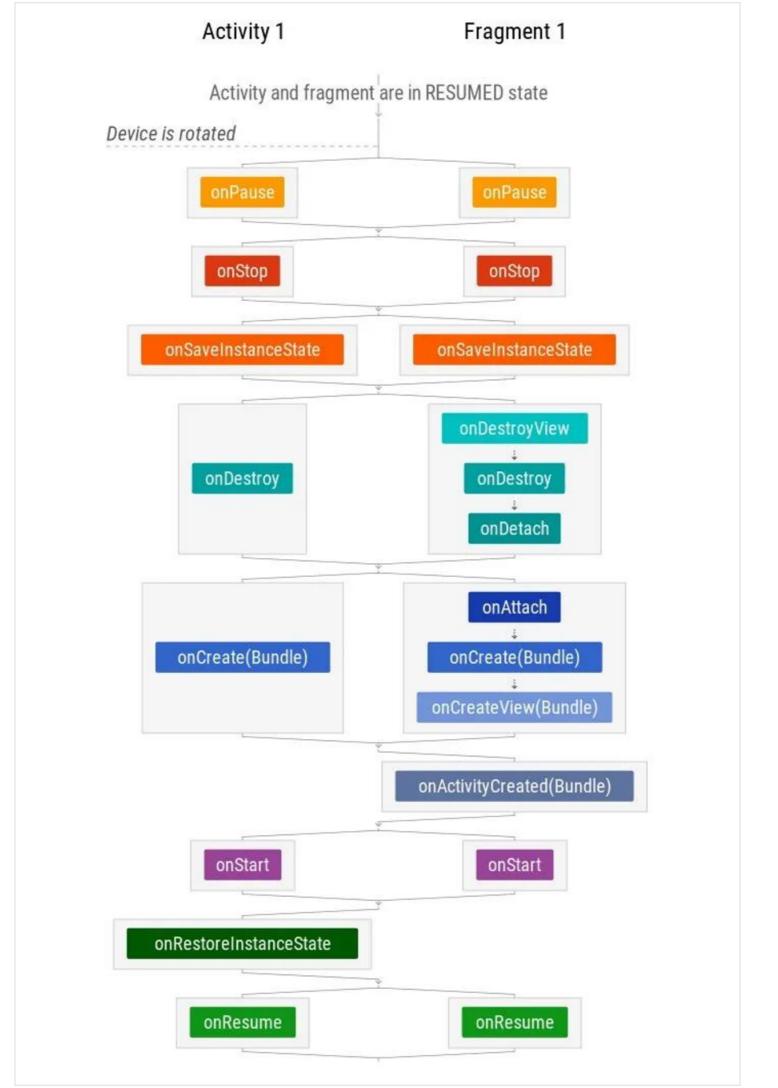
userFragment

article Fragment

numberFragment

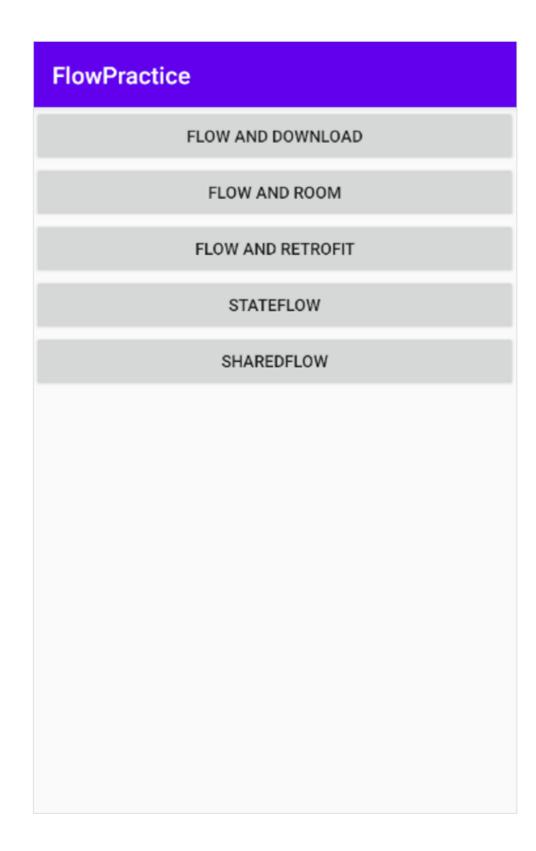
s hared Flow Fra...

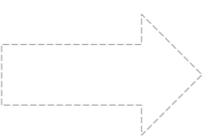
生命周期

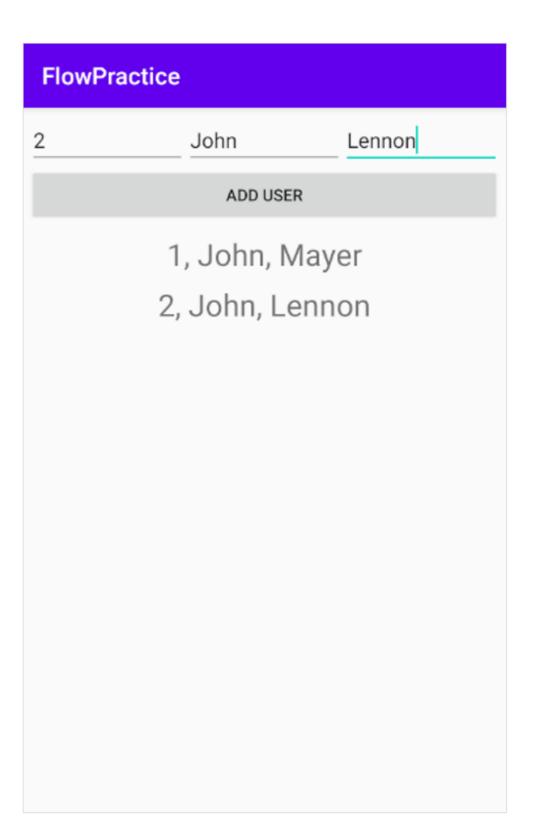




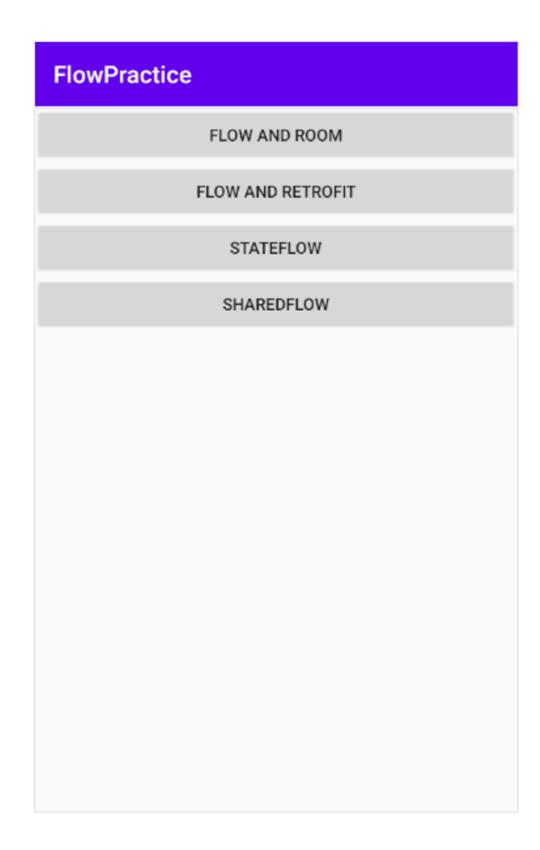
Flow与Room应用







Flow与Retrofit应用





FlowPractice

API

Refactored versions of the Android APIs that are not bundled with the operating system.

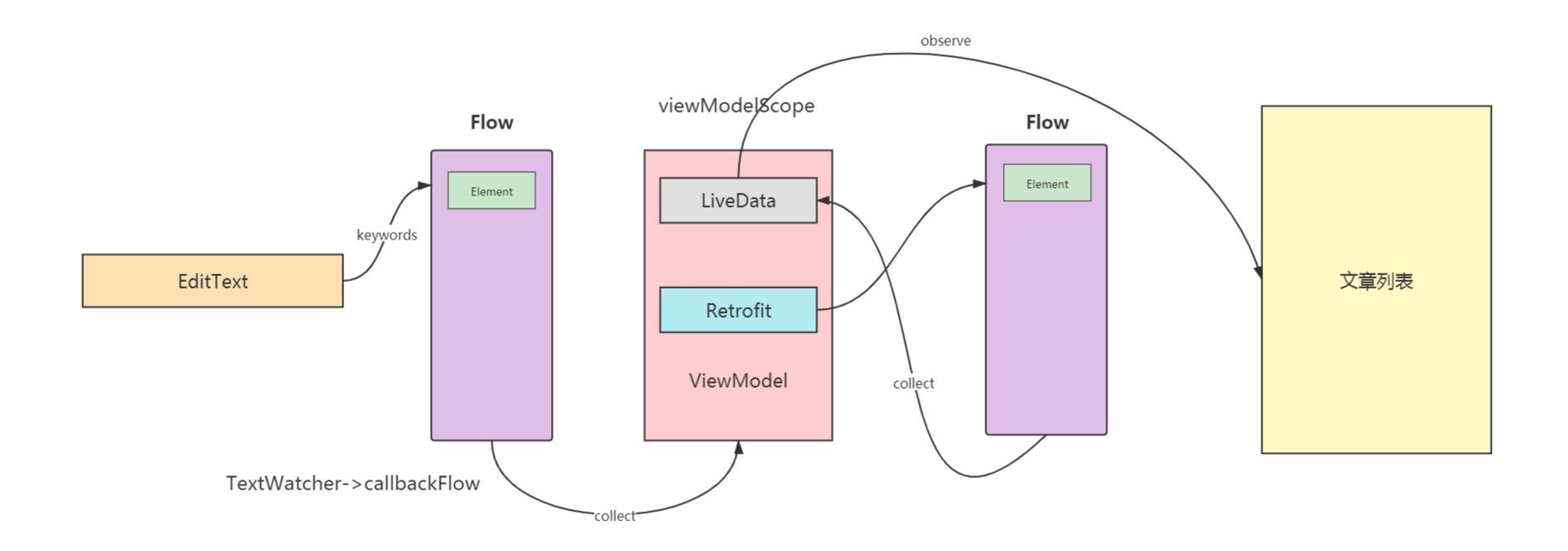
Jetpack Compose is a modern toolkit for building native Android UI. Jetpack Compose simplifies and accelerates UI development on Android with less code, powerful tools, and intuitive Kotlin APIs.

Includes APIs for testing your Android app, including Espresso, JUnit Runner, JUnit4 rules, and UI Automator.

Includes ConstraintLayout and related APIs for building constraint-based layouts.

Includes ADIs to halp you write

Flow与Retrofit应用

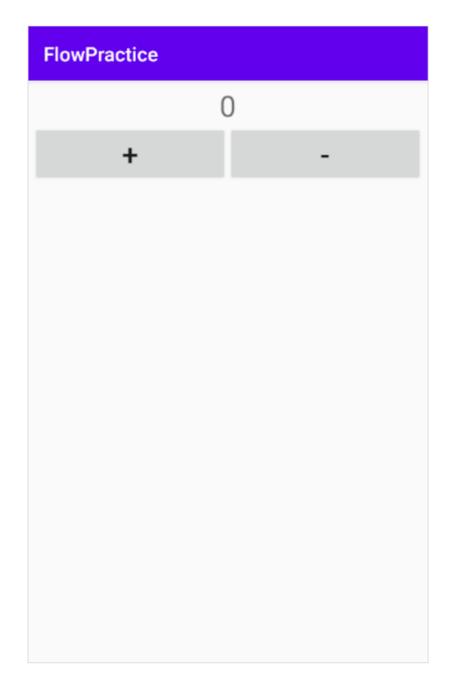


冷流还是热流

- ➤ Flow 是冷流,什么是冷流?简单来说,如果 Flow 有了订阅者 Collector 以后,发射出来的值才会实实在在的存在于内存之中,这跟懒加载的概念很像。
- ➤ 与之相对的是热流, StateFlow 和 SharedFlow 是热流, 在垃圾回收之前, 都是存在内存之中, 并且处于活跃状态的。

StateFlow

➤ StateFlow是一个状态容器式可观察数据流,可以向其收集器发出当前状态更新和新状态更新。还可通过其value属性读取当前状态值。



SharedFlow

➤ SharedFlow 会向从其中收集值的所有使用方发出数据。

