

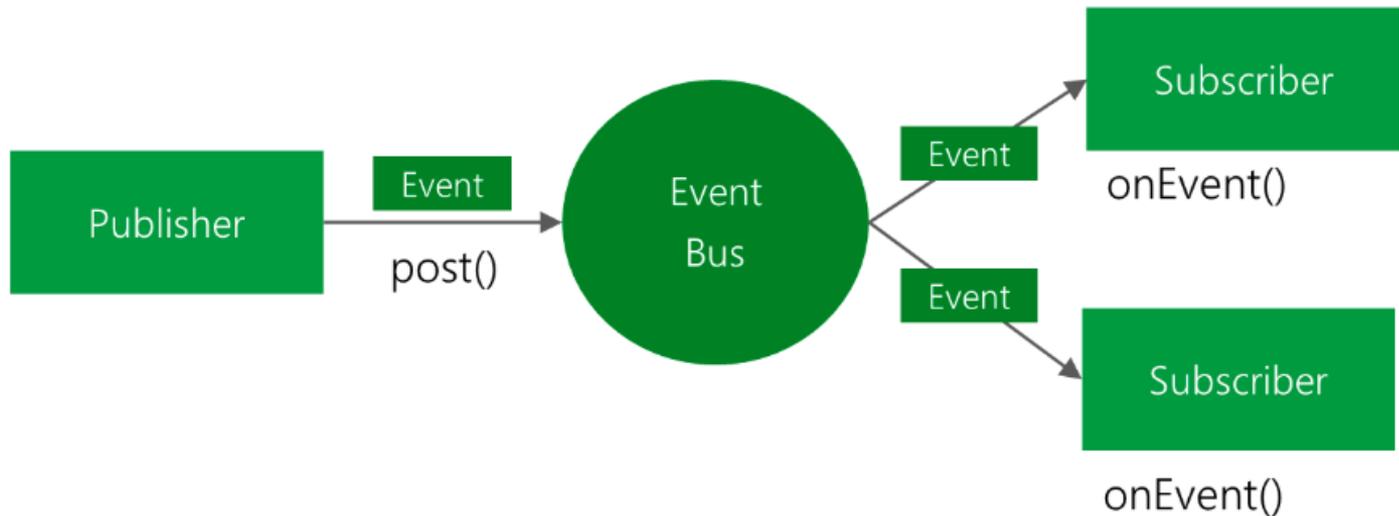


# EventBus

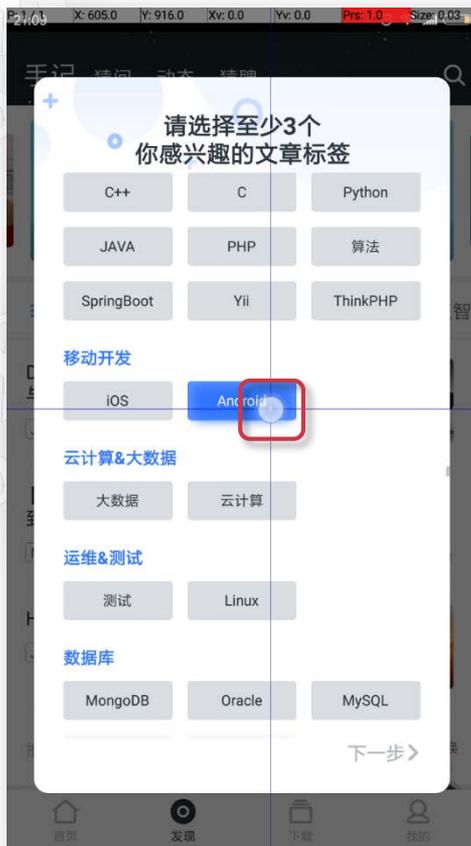


# EventBus

EventBus is a publish/subscribe event bus for Android and Java.



# Event



**Bus**



**Bus**



出发地



目的地

# EventBus



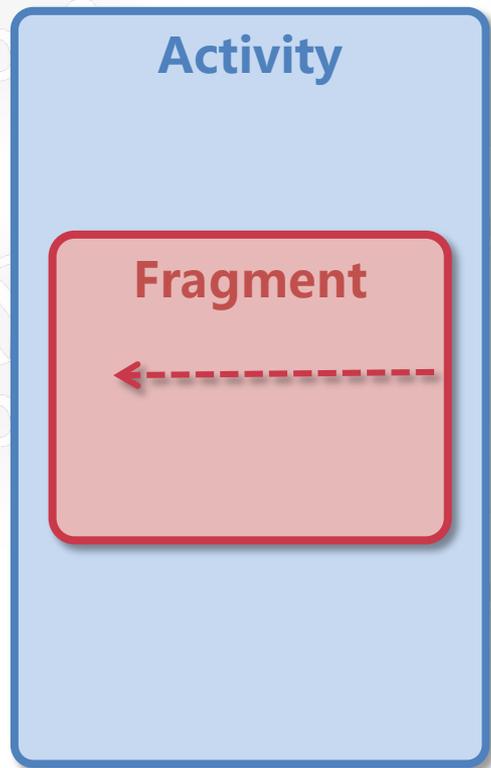
# 课程目标

- ✓ 用EventBus进行事件的订阅和发布

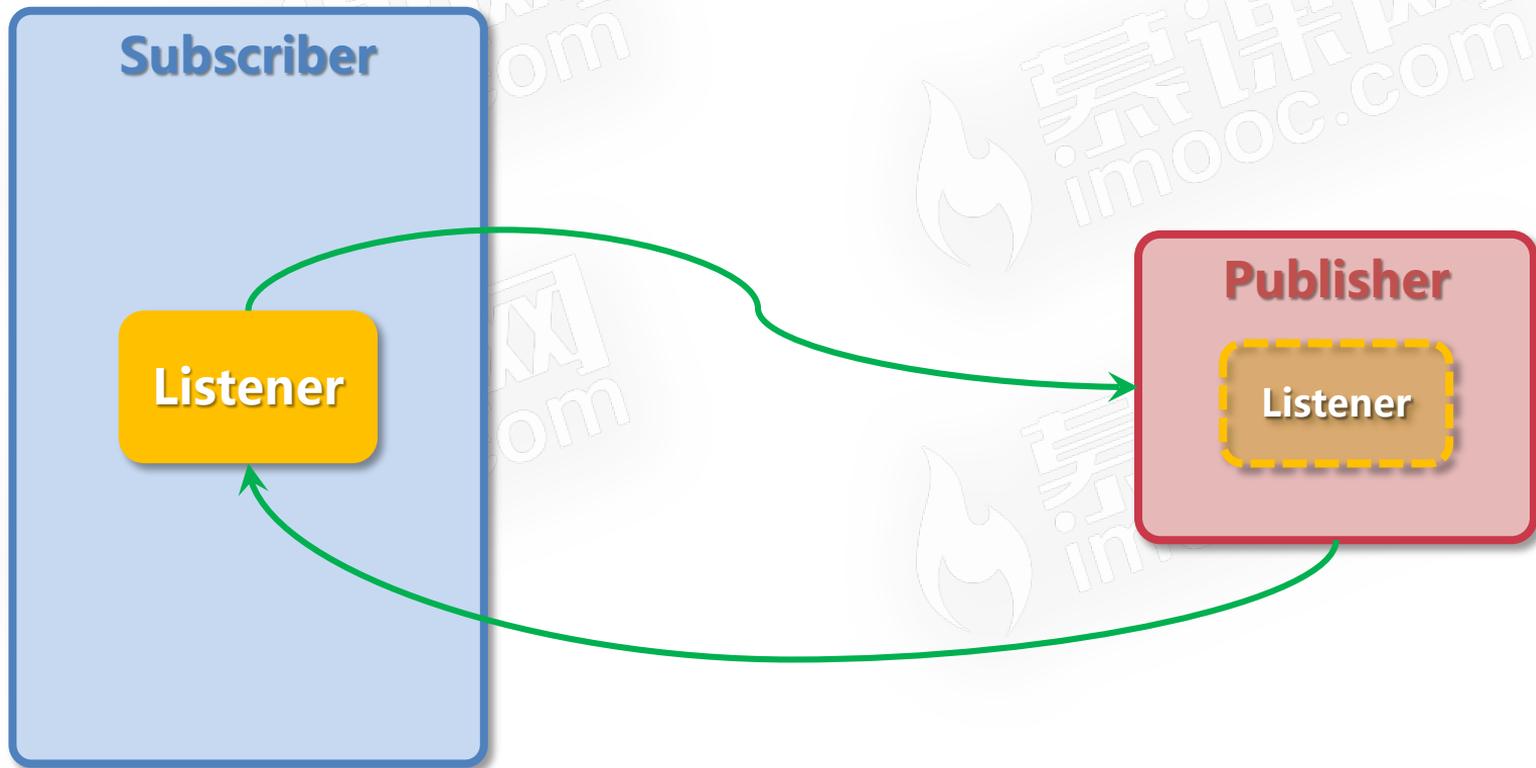
# 学习内容

- 常规的通信方法
- 使用**EventBus**进行组件间通信
- 案例

# 案例



# 监听



# 本地广播

**Subscriber**

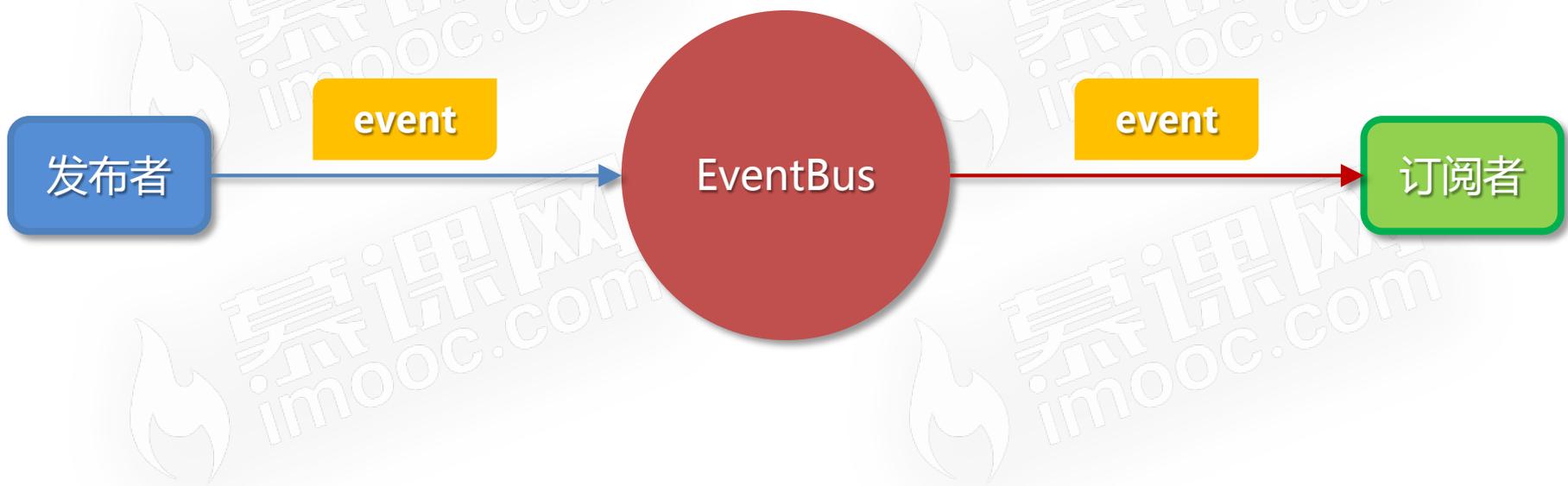
接收广播

注册监听

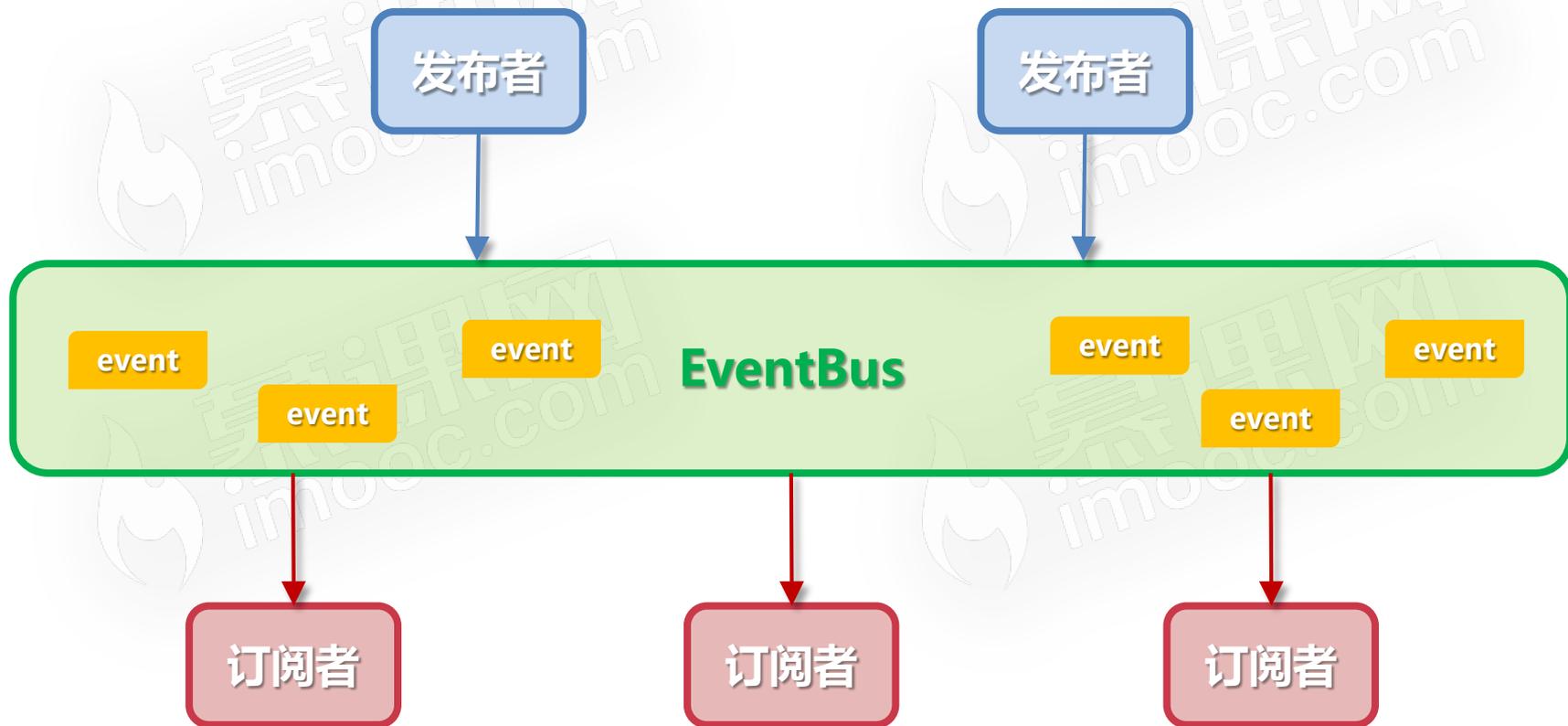
**Publisher**

发布广播

# EventBus



# EventBus



# EventBus

- 事件
- 订阅
- 发布

# EventBus

事件



The diagram illustrates the EventBus workflow. It consists of three main stages connected by arrows: 1. '事件' (Event) - represented by a red circle and a right-pointing arrow. 2. '订阅' (Subscription) - represented by a red circle containing a list of actions: '·注册' (Register) and '·处理' (Process), with a right-pointing arrow. 3. '发布' (Publish) - represented by a red circle and a right-pointing arrow. The background features a repeating watermark of '慕课网 imooc.com' and a flame icon.

订阅

- 注册
- 处理

发布

# EventBus



# Thread

➤ MAIN ( UI ) 线程

➤ 后台线程

# ThreadMode

➤ POSTING

➤ MAIN

➤ MAIN\_ORDERED

➤ BACKGROUND

➤ ASYNC

# POSTING



# MAIN



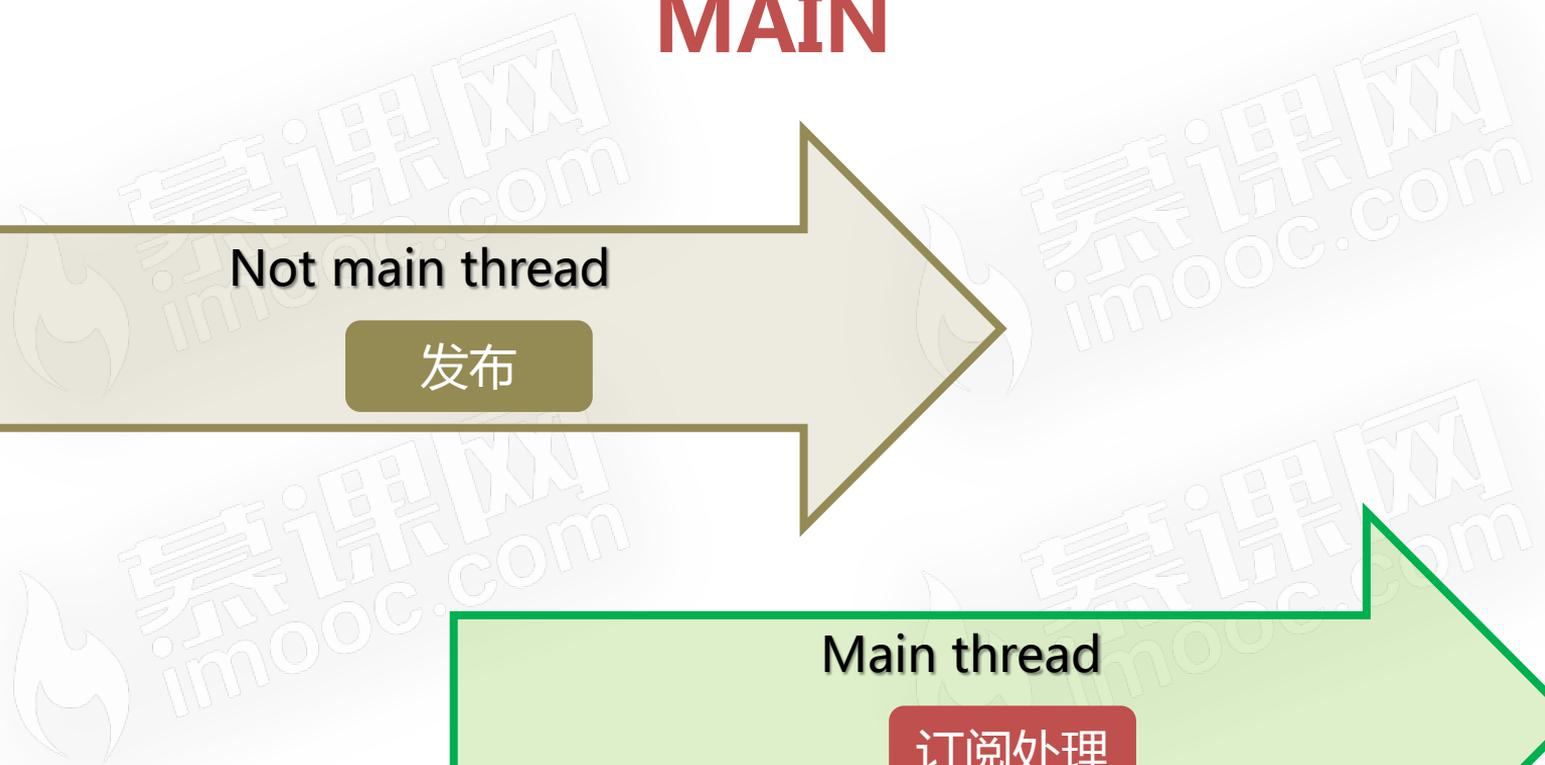
# MAIN

Not main thread

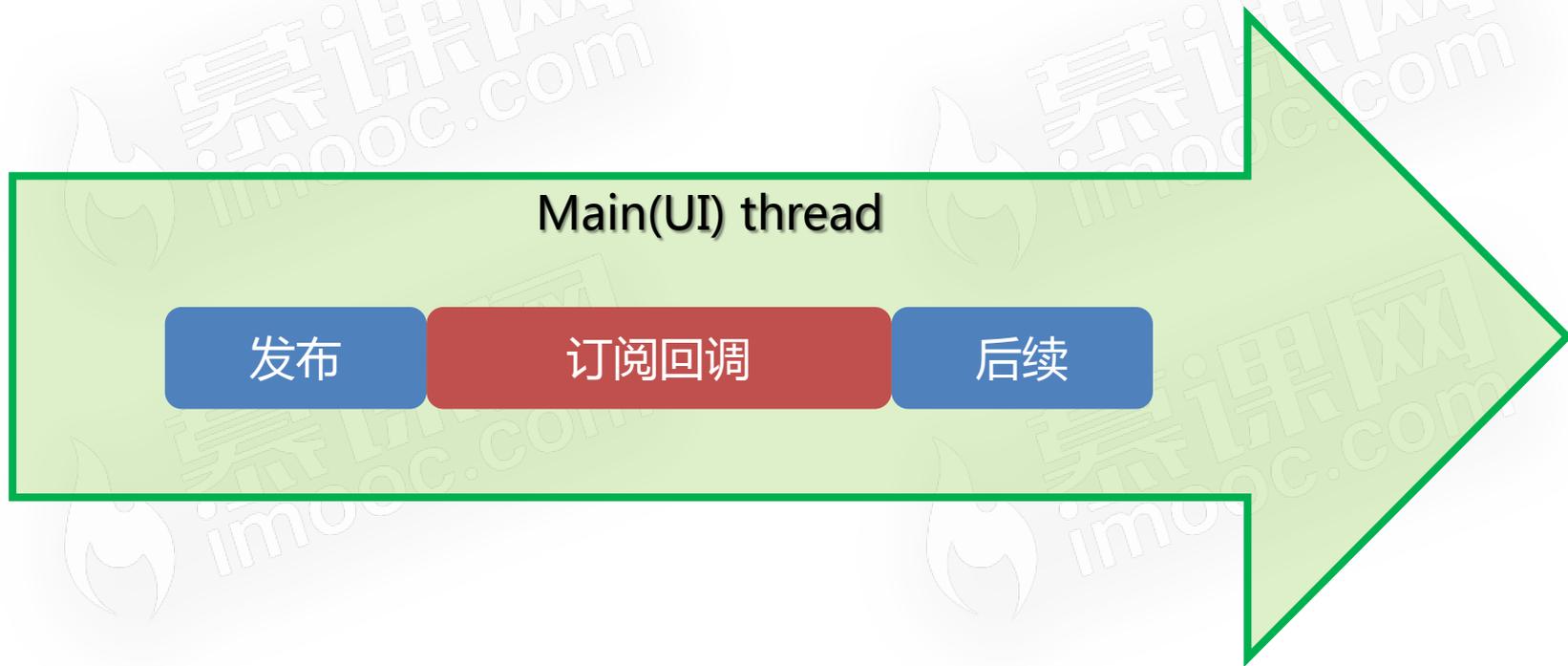
发布

Main thread

订阅处理



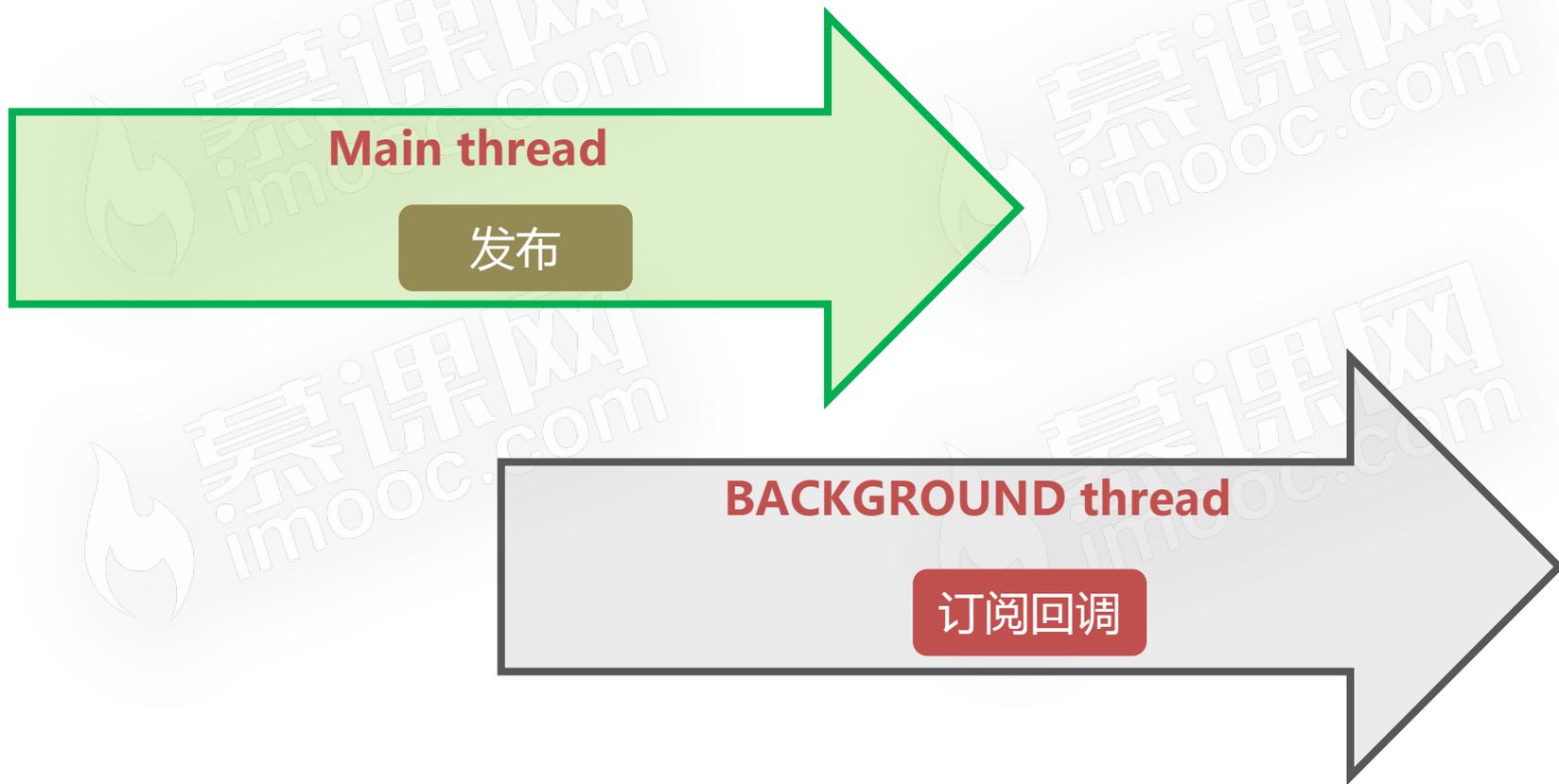
# MAIN\_ORDERED



# BACKGROUND



# BACKGROUND



# ASYNC



# Sticky

事件

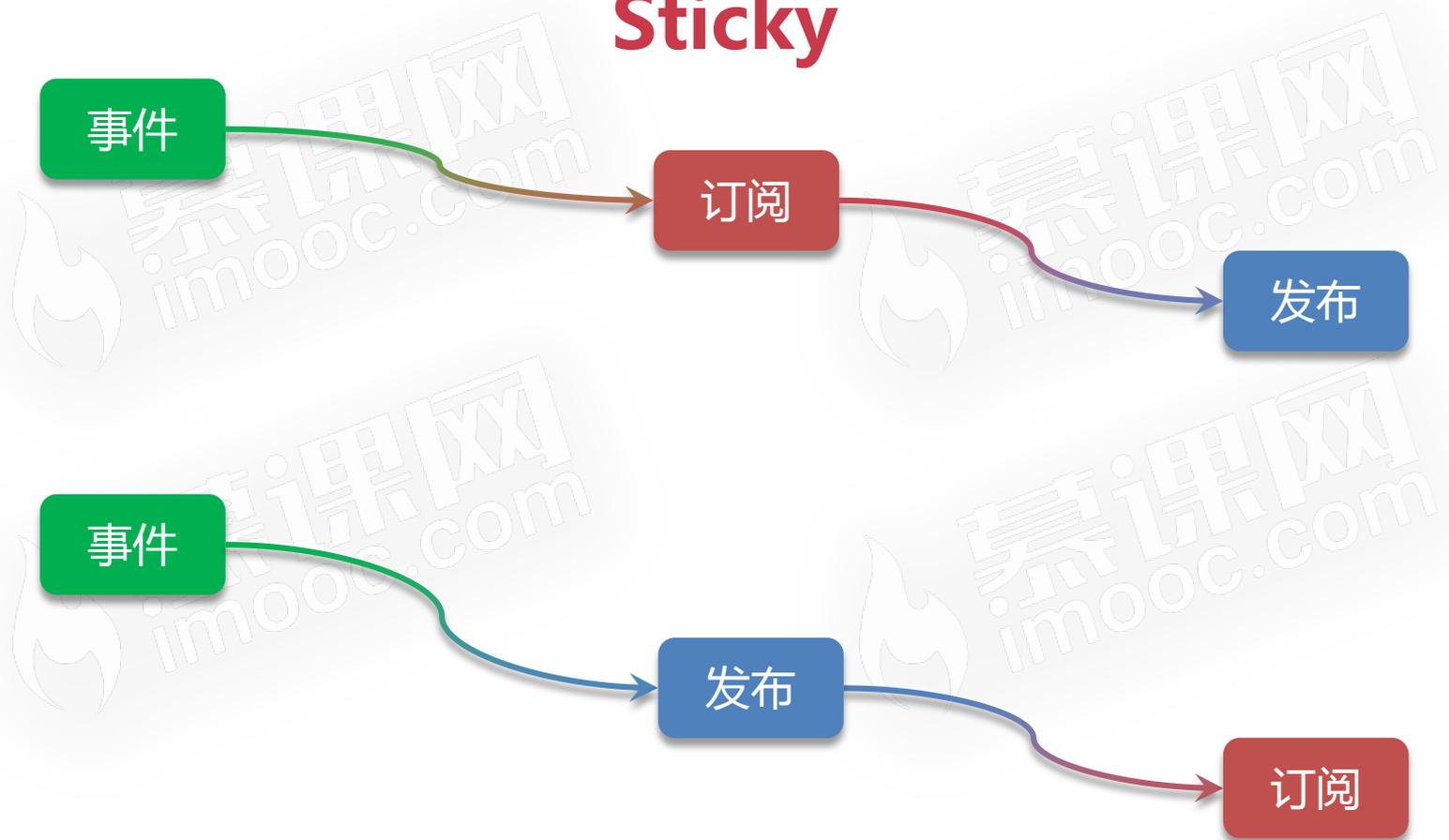
订阅

发布

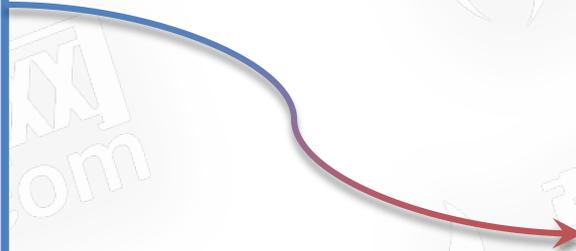
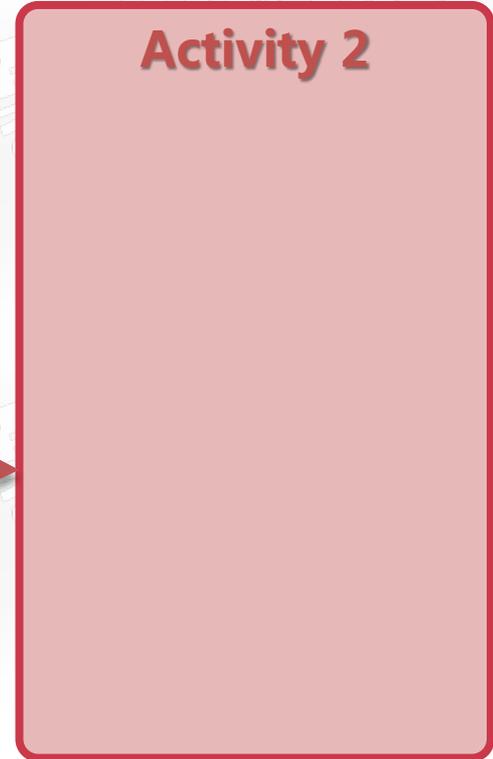
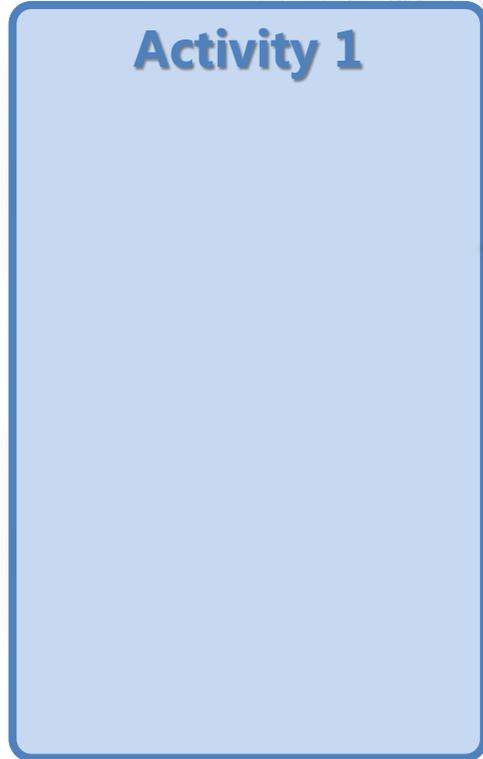
事件

发布

订阅



# Sticky



# 配置

➤ ProGuard



# 总结

## ➤ EventBus

✓ 事件 → 订阅 → 发布

## ➤ ThreadMode

✓ POSTING

✓ MAIN

✓ MAIN\_ORDERED

✓ BACKGROUND

✓ ASYNC