

Jetpack Compose and KMM could change the life of a mobile developer

Etienne Vautherin

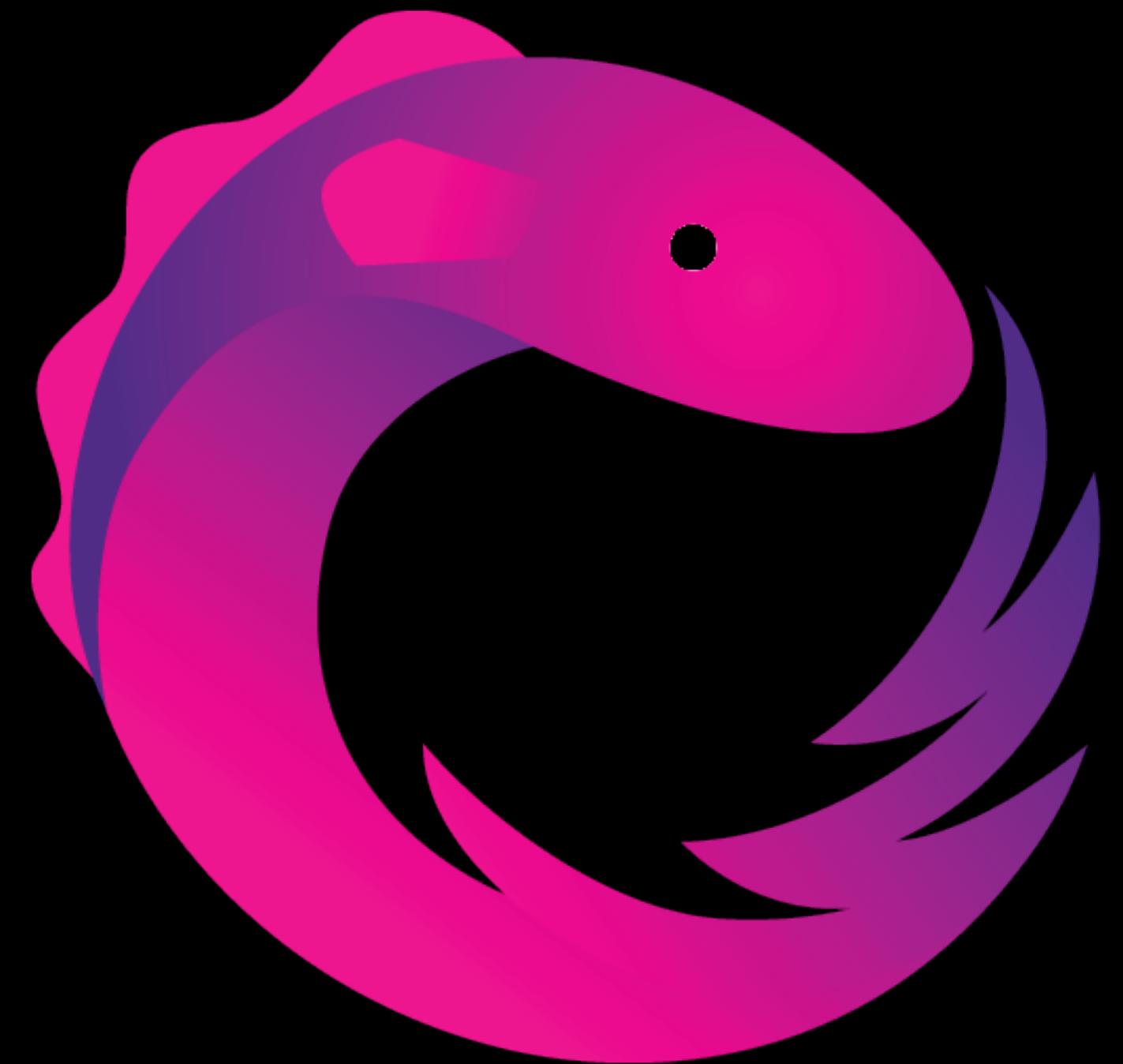
The logo consists of a solid orange square. Inside the square, the word "orange" is written in a bold, white, sans-serif font. A small "TM" symbol is positioned at the top right of the letter "e".

orange™

iOS Evangelist







RxSwift \leftrightarrow RxJS

WWDC 2019 - iOS 13



SwiftUI

Combine

2020

- Scratching latest Android technologies
- Platform involving 12 years of know-how



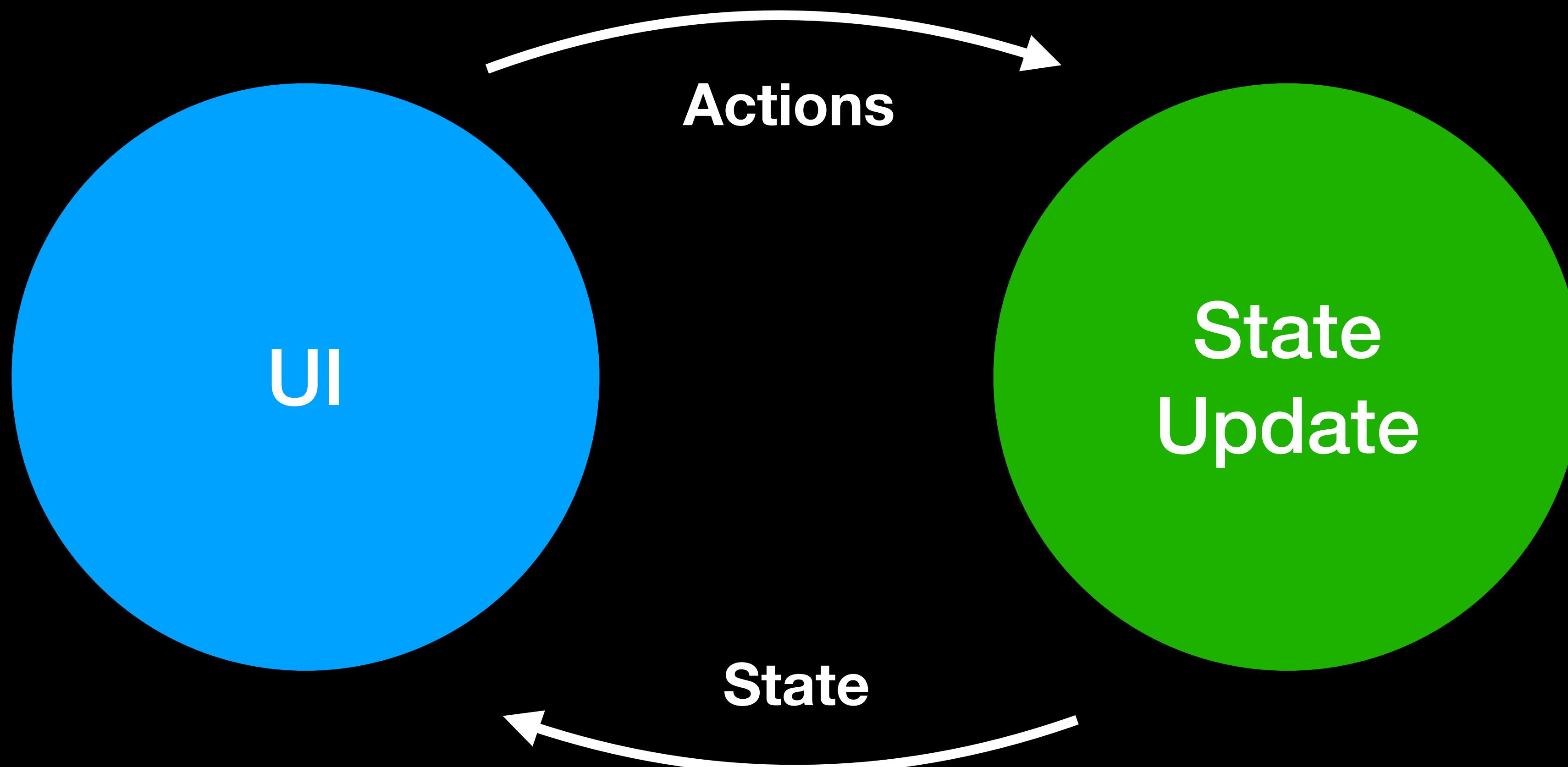
Jetpack Compose



State
common concept

$$\text{UI} = F(\text{State})$$

Unidirectional Data Flow



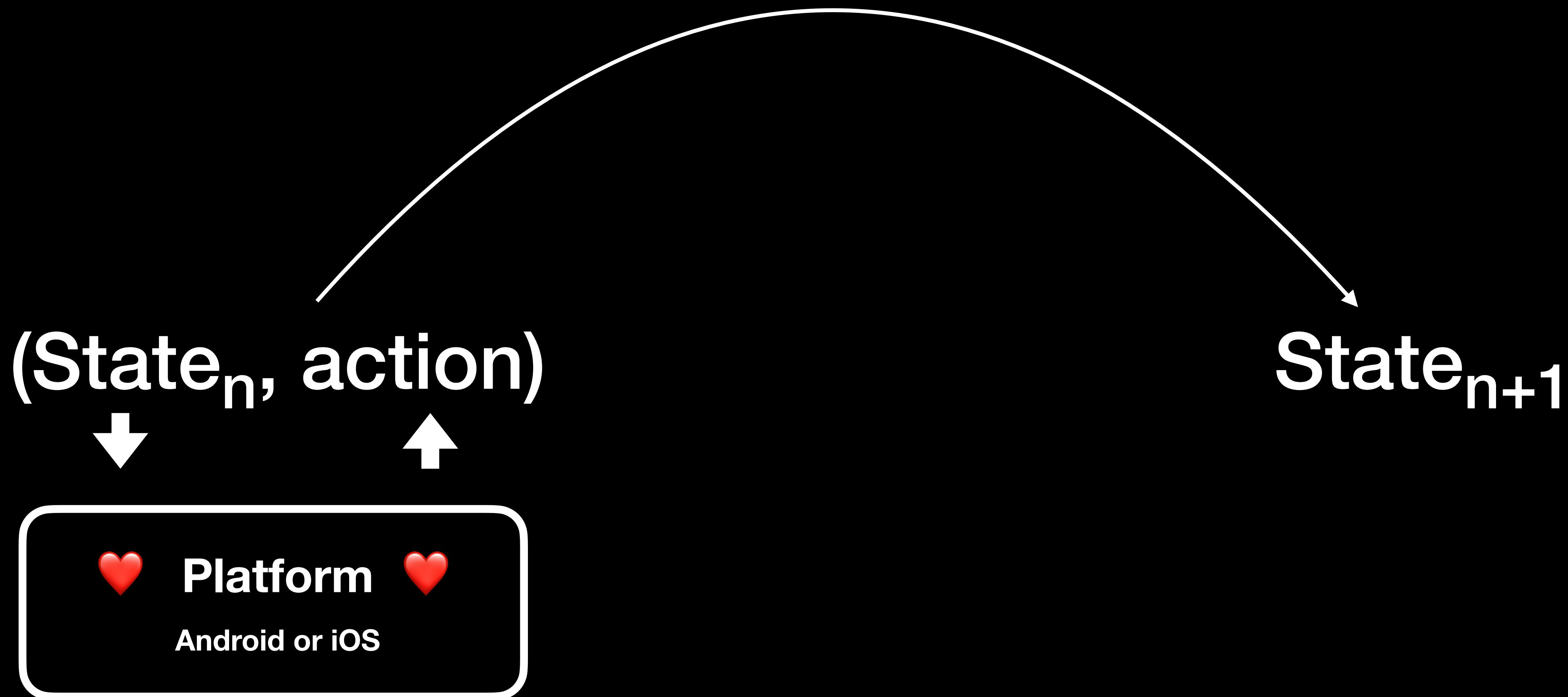
State Update

$\text{State}_{n+1} = \text{Reducer}(\text{State}_n, \text{action})$

Reducer



Pure Function

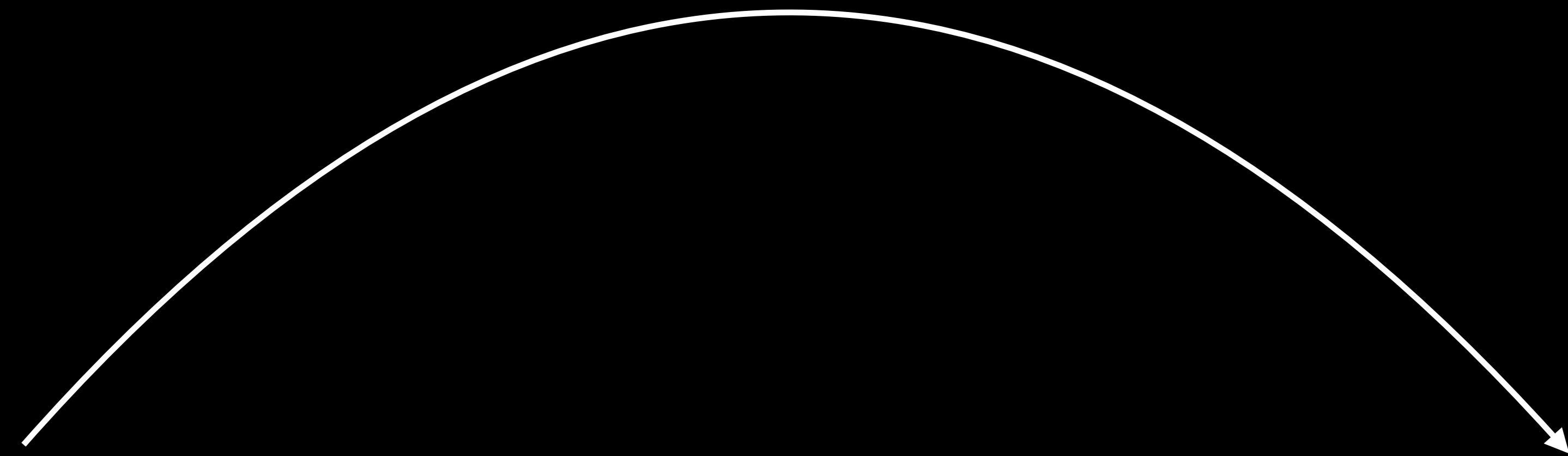


Abstracted Declarative Flight

Imperative
Action
(Side effect)

Platform
Landing

Android or iOS

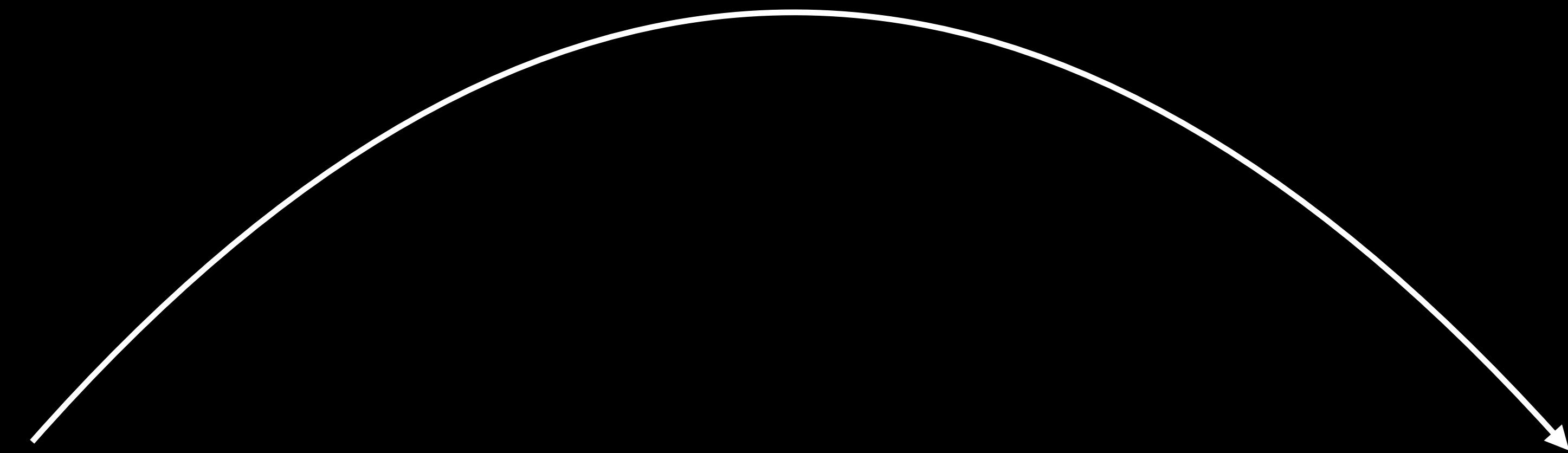


Reactive Pipeline

Imperative
Action
(Side effect)

State through
Subscription

Android or iOS

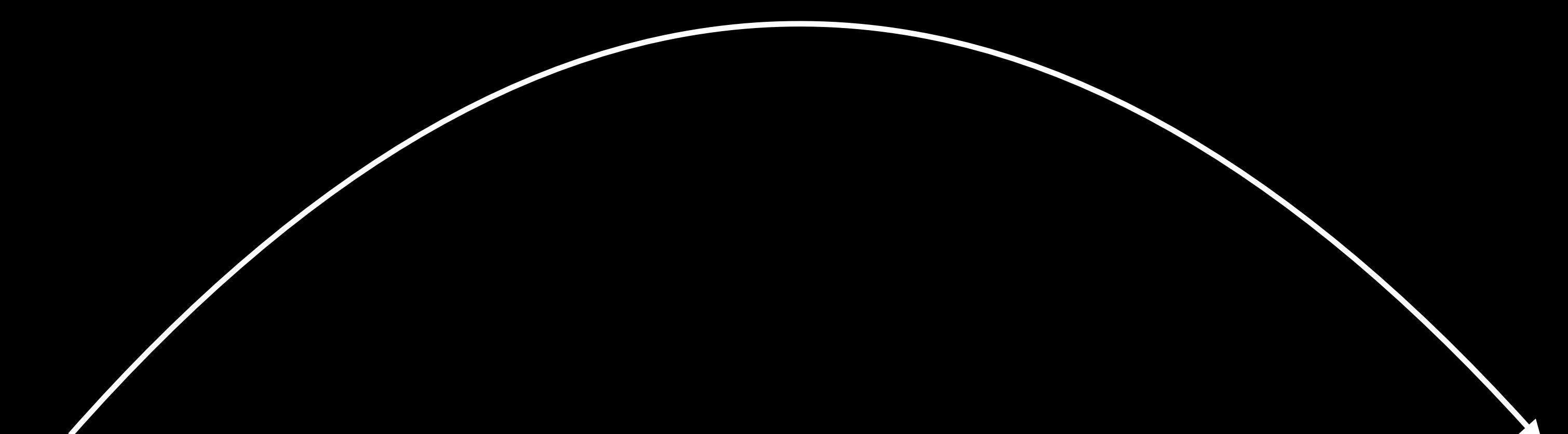


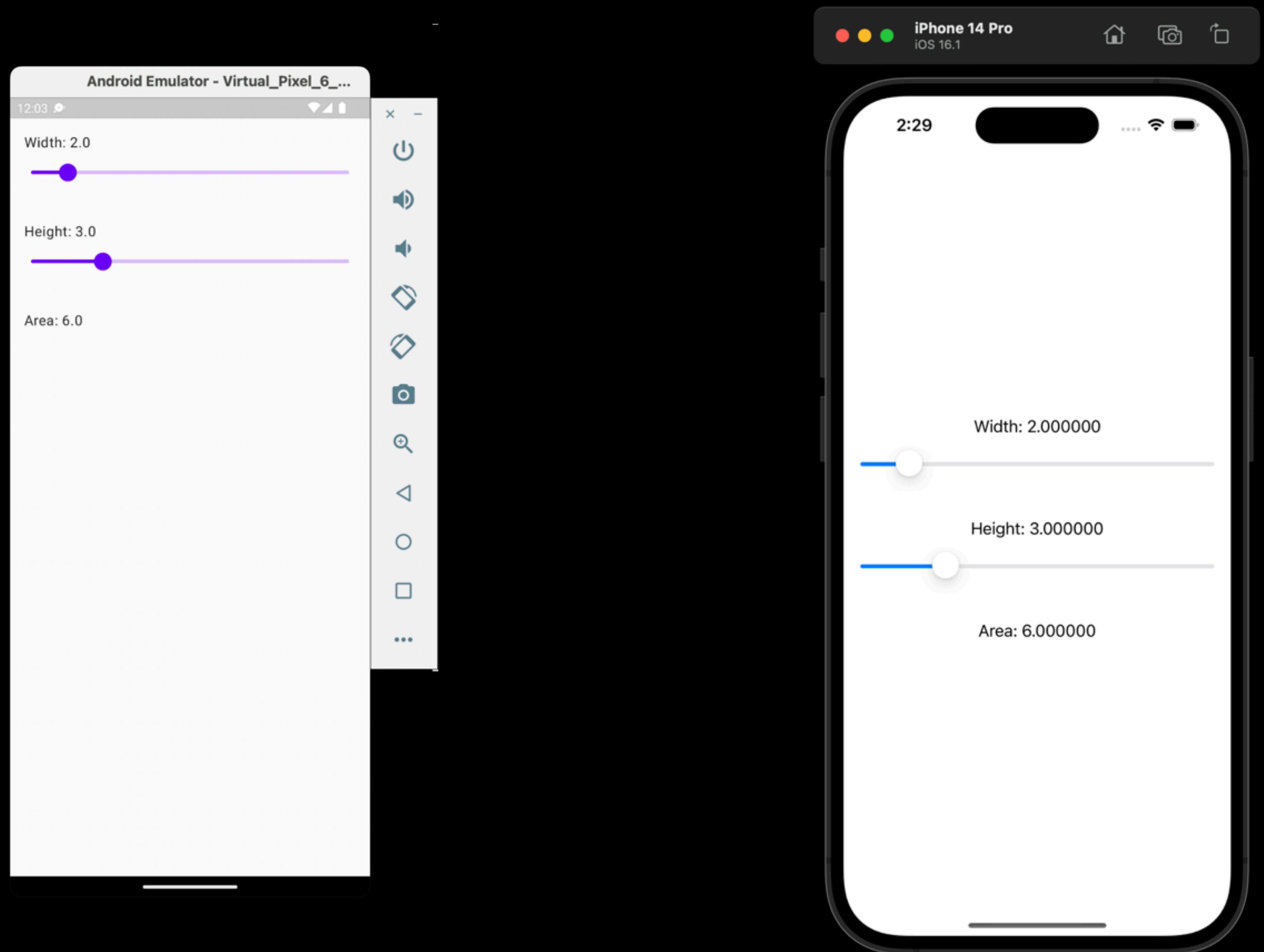
Kotlin Flows with KMM

Imperative
Action
(Side effect)

Collect
Sink | Assign

Android or iOS





One More Thing...



14:52 98

En route ! (à configurer) OK

Commentaire

Saisir ci-dessous l'adresse du domicile

Texte

Texte

Commentaire

Saisir ci dessous le contact auquel envoyer le SMS

Contacts

Rien

Rechercher apps et actions

↶ ↻ ⓘ ⌁ ➤



14:52 14:52 98

En route ! (à configurer) OK

Commentaire
Saisir ci-dessous l'adresse du domicile

Texte
Texte

Commentaire
Saisir ci dessous le contact auquel envoyer le SMS

Contacts

Rien

Rechercher apps et actions

Personal

AQI 0

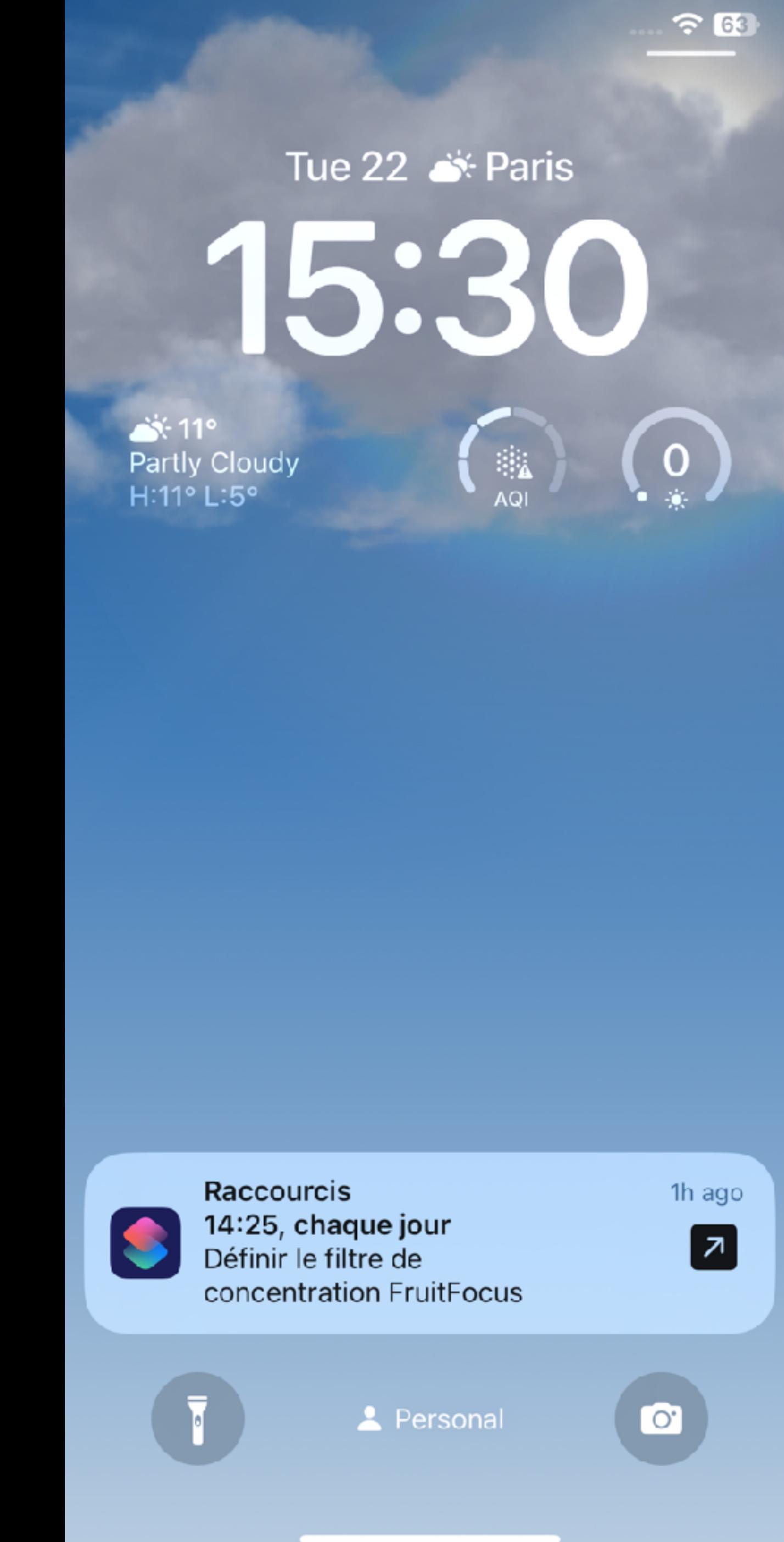
15:30

Tue 22 Paris

11° Partly Cloudy H:11° L:5°

1h ago

Raccourcis
14:25, chaque jour
Définir le filtre de concentration FruitFocus



15:31



< Focus



Do Not Disturb

ALLOW NOTIFICATIONS

Notifications from selected people and apps will be allowed; all others will be silenced.

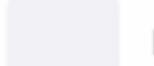
People



Apps



None allowed



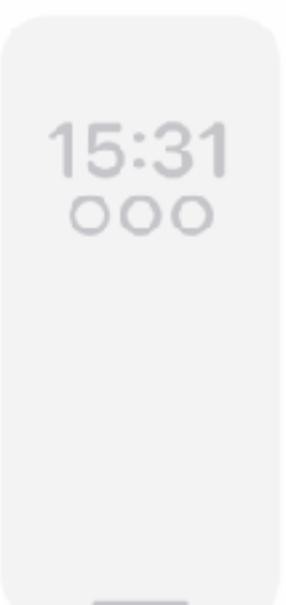
None allowed

Options

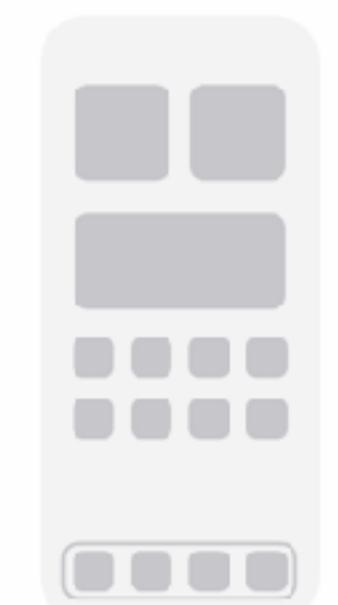


CUSTOMISE SCREENS

Choose a Lock Screen or Home Screen page to turn on to help limit distractions.



Choose



Choose

SET A SCHEDULE

15:31 62

< Focus

Do Not Disturb

ALLOW NOTIFICATIONS

Notifications from selected people and apps will be allowed; all others will be silenced.

People > Apps >

None allowed None allowed

Options >

CUSTOMISE SCREENS

Choose a Lock Screen or Home Screen page to turn on to help limit distractions.

15:31 000 Choose Choose

SET A SCHEDULE

14:49 98

<

Mode de concentration Temps pour soi

MASQUER LES NOTIFICATIONS

Les notifications des apps sélectionnées seront masquées et envoyées vers le centre de notifications.

Personnes Apps >

Options >

PERSONNALISER LES ÉCRANS

Choisissez un écran verrouillé ou une page pour votre écran d'accueil pour limiter les distractions.

15:31 09:41 Modifier Choisir

14:49 98

< Mode de concentration Temps pour soi

écran d'accueil pour limiter les distractions.

DÉFINISSEZ UN PROGRAMME

Réglez l'activation de ce mode de concentration à une heure définie, dans un lieu précis ou à l'utilisation d'une app.

Activation intelligente
S'active automatiquement Oui >

Ajouter un programme

FILTRES DE CONCENTRATION

Personnalisez le comportement de vos apps et de votre appareil lorsque ce mode de concentration est activé.

Apple Set fruit Ajouter un filtre

<https://linktr.ee/evautherin>



SCAN ME