

QUICK TIPS : iOS



# WHAT IS COMBINE FRAMEWORK IN iOS?



**Rohit Saini**  
**iOS Developer**

QUICK TIPS : iOS

## Combine:

- Provides a declarative Swift API for processing values over time.
- Handling asynchronous events like delegates, notifications, timer, completion blocks and callbacks in declarative way.
- Apple's new "reactive" framework.

## Combine has 3 main components:

1. Publishers
2. Subscribers
3. Operators



QUICK TIPS : iOS

## Publishers:

- Publisher sends sequences of values over time to one or more Subscribers.
- Publishers are like radio stations.

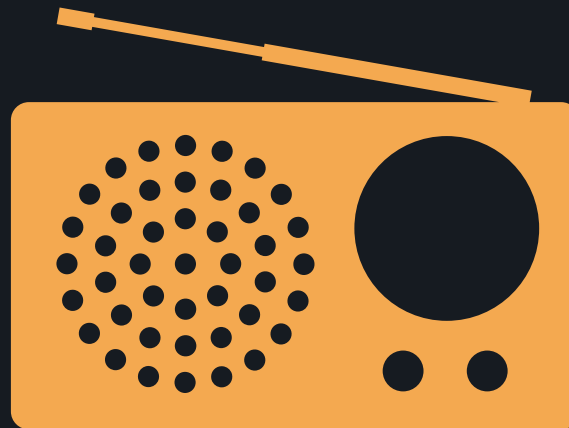


Radio Station

QUICK TIPS : iOS

## Subscribers:

- Subscriber receives values from a Publisher.
- Subscribers are like Radio which receive values from radio stations.



Radio

QUICK TIPS : iOS

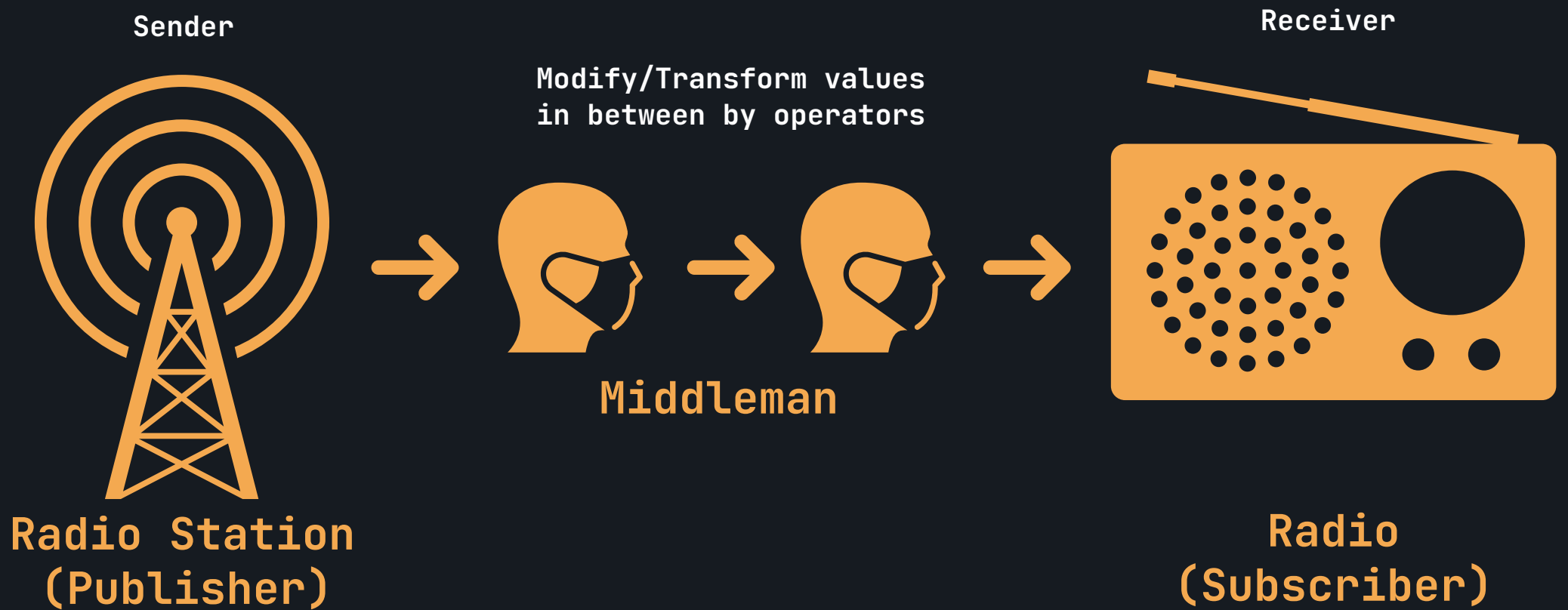
## Operators:

- Operators are used to transform publisher's value and return a new publisher.
- Operators are like a middleman.



Middleman

QUICK TIPS : iOS



QUICK TIPS : iOS



Like, Share, Enjoy!



Rohit Saini  
iOS Developer