

Super Easy Combine

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THANK YOU!

wework

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Lambda

Combine Stream

- Publisher
- Operator
- Subscriber

Publisher

- Create values/errors
- Broadcasts to subscriber
- **Value type**

Publishers

- URLSessionDataTask
- String, Array, Dictionary

Subscriber

- Receives values
- Finite or continuous
- **Reference type**

Subscribers

- Assign - map to keypath
- Sink - completion closure

Operator

- Changes value / error
- Subscribes to Publisher (upstream)
- Forwards result to Subscriber (downstream)
- Value type

Types?!!?

```
let stringPublisher: AnyPublisher<String, Never> =  
    ["Hello", "World"]  
        .publisher // Publishers.Sequence<[String], Never>  
        .eraseToAnyPublisher() // AnyPublisher<String, Never>
```

**Publisher and Subscribers
must match in value / error type**

@State

- Storage for mutating state in SwiftUI
- Keep private
- Prototype with @State

@State - Demo

@ObservedObject

- A reference type model
- Passed via dependency injection

@EnvironmentObject

- A reference type model
- Passed via dependency injection through environment
- Use for data stores

@EnvironmentObject Demo

@Binding

- Passthrough a variable to a view
- Pipeline to same memory

@Binding Demo

Contact

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