

# Webflux

## 6 Reactor 실습

# 프로젝트 준비

## Project Reactor

Reactor

publisher

3.

Webflux

## 1. Flux

- a. 0-N개 아이템을 가질 수 있는 데이터 스트림
- b. onNext(~N), onComplete, onError

## 2. Mono

Reactor

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3.

Webflux

1. Flux

2. Mono

- a. 0개 또는 1개의 아이템을 가지는 데이터스트림
- b. onNext(0-1), onComplete, onError

Reactor

publisher

3.

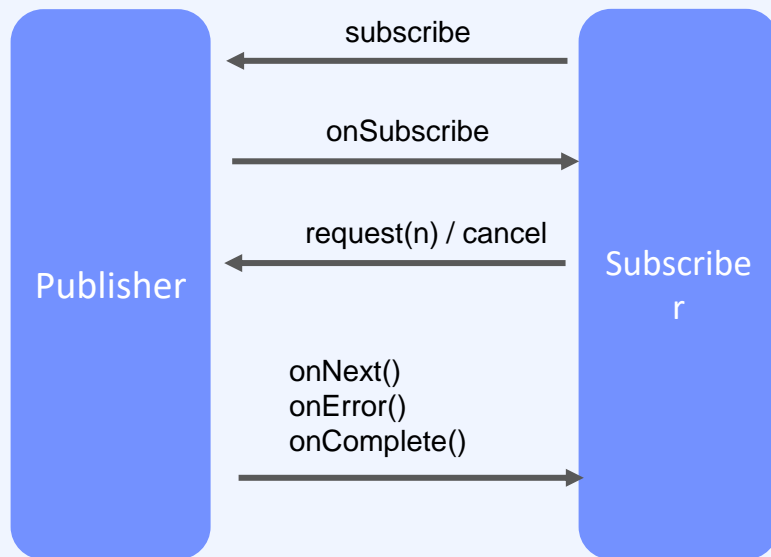
Webflux

# Flux, Mono 실습

## Reactor

3.

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Reactor

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## Reactor test (StepVerifier)

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# 테스트코드 실습

## StepVerifier



## Reactor

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# Operator

## Reactor

### operator

1. **map**
2. **filter**
3. **take**
4. **flatMap**

**3.**

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Reactor

operator

3.

Webflux

실습

## Reactor

### operator

3.

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1. **concatMap**
2. **flatMapMany**
3. **switchIfEmpty / defaultIfEmpty**
4. **merge / zip**

Reactor

operator

3.

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실습

## Reactor

### operator

1. **count**
2. **distinct**
3. **reduce**
4. **groupby**

3.

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Reactor

operator

3.

Webflux

실습

## Reactor

## operator

3.

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1. `delaySequence / limitRate`
2. `sample`



Reactor

operator

3.

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실습

# Schedulers

## Reactor

### Schedulers

3.

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1. **Schedulers.immediate()**
2. Schedulers.single()
3. Schedulers.parallel()
4. Schedulers.boundedElastic()

## Reactor

### Schedulers

3.

Webflux

1. `Schedulers.immediate()`
2. **`Schedulers.single()`**
3. `Schedulers.parallel()`
4. `Schedulers.boundedElastic()`

## Reactor

### Schedulers

3.

Webflux

1. Schedulers.immediate()
2. Schedulers.single()
3. **Schedulers.parallel()**
4. Schedulers.boundedElastic()

## Reactor

### Schedulers

3.

Webflux

1. `Schedulers.immediate()`
2. `Schedulers.single()`
3. `Schedulers.parallel()`
4. **`Schedulers.boundedElastic()`**

Reactor

operator

3.

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실습  
(publishOn, subscribeOn)