

# rxjava-examples (0.0.2)

Maksim Kostromin

Version 0.0.2, 2018-07-08 10:34:55 UTC

# Table of Contents

1. Introduction .....	2
2. Implementation .....	3
2.1. reactivex-api .....	3
2.2. javaee-starter .....	4
2.3. starter .....	4
2.4. stock .....	4
3. Links .....	5

Travis CI status: [\[Build Status\]](#)

# Chapter 1. Introduction

Read [project reference documentation](#)

projects

1. stock (rxjava reactive getting stated)

*build*

```
./mvnw  
./gradlew
```

inks:

1. [talk](#)

# Chapter 2. Implementation

*build*

```
package daggerok

import io.reactivex.rxkotlin.subscribeBy
import io.reactivex.rxkotlin.toObservable

fun main(args: Array<String>) {
    val list = listOf("Alpha", "Beta", "Gamma", "Delta", "Epsilon")

    list.toObservable() // extension function for Iterables
        .filter { it.length >= 5 }
        .subscribeBy( // named arguments for lambda Subscribers
            onNext = { println(it) },
            onError = { it.printStackTrace() },
            onComplete = { println("Done!") }
        )
}
```

Initially generated by using [generator-jvm](#) yeoman generator (kotlin)

## 2.1. rxjava2-api

*build*

```
@Slf4j
public class App {
    public static void main(String[] args) {
        Flowable.just("ololo", "trololo")
            .subscribe(log::info);
    }
}
```

*api*

```
Flowable | Publisher | Subscriber
Maybe | MaybeSource | MaybeObserver
Completable | CompletableSource | CompletableObserver

Observable | ObservableSource | Observer
Observers
Operations
Schedule
Single | SingleSource | SingleObserver
Subject
```

Initially generated by using [generator-jvm](#) yeoman generator (java)

## 2.2. javaee-starter

*build*

```
./mvnw -pl javaee-starter clean package com.dkanejs.maven.plugins:docker-compose-maven-plugin:1.0.1:up
./mvnw -pl javaee-starter com.dkanejs.maven.plugins:docker-compose-maven-plugin:1.0.1:down

./gradlew clean build :javaee-starter:composeUp
./gradlew :javaee-starter:composeDown
```

## 2.3. starter

*build*

```
./mvnw -pl javaee-starter clean package com.dkanejs.maven.plugins:docker-compose-maven-plugin:1.0.1:up
./mvnw -pl javaee-starter com.dkanejs.maven.plugins:docker-compose-maven-plugin:1.0.1:down

./gradlew clean build :javaee-starter:composeUp
./gradlew :javaee-starter:composeDown
```

## 2.4. stock

*build*

```
./mvnw -pl javaee-starter clean package com.dkanejs.maven.plugins:docker-compose-maven-plugin:1.0.1:up
./mvnw -pl javaee-starter com.dkanejs.maven.plugins:docker-compose-maven-plugin:1.0.1:down

./gradlew clean build :javaee-starter:composeUp
./gradlew :javaee-starter:composeDown
```

# Chapter 3. Links

- [GitHub repo](#)
- [GitHub pages](#)