rxjava-examples (0.0.2)

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build

```
./mvnw
./gradlew
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1. [talk](#)

Chapter 2. Implementation

2.1. gradle-starter

```
mkdir gradle-starter
cd gradle-starter/
gradle init --type java-application
```

```java
package daggerok;

import io.reactivex.Flowable;

public class App {
  public static void main(String[] args) {
    Flowable.fromArray(args)
            .subscribe(System.out::println);
  }
}
```

build

```kotlin
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)

2.2. reactivex-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)

2.3. 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
```

2.4. 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
```

2.5. 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