Applying Key Operators in the Flowable Class: Case Study ex1

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Learning Objectives in this Part of the Lesson

- Case study ex1 applies RxJava Flowable features to demonstrate various types of backpressure strategies between a Publisher & a Subscriber that run in the context of different Scheduler objects
 - e.g., these strategies include MISSING, BUFFER, ERROR, LATEST, & DROP

.onErrorResumeNext(error -> {
 debug(error.getMessage());
 return Flowable.empty();
})

```
.subscribeOn(scheduler);
```

Applying Key Operators in the Flowable Class to ex1

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● ● ● flowable-ex1 – ex1.java [flowable-ex1.main]				
ex1 $ angle$ src $ angle$ main $ angle$ java $ angle$ C ex1			▲ - K Current File - ト 菱 🖏 🧐 - 🔲 Git: 🖌 🗸 🔿 🛇	• • •
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& Y Image: a constraint of the second seco	^{obox/} 133 @	ف ف	<pre>private Flowable<integer> publishRandomIntegers(Scheduler scheduler) {</integer></pre>	∨
.idea	134		return Flowable	tions
S S S S S S S S S S S S S S S S S S S	135		// This factory method emits a stream of random integers.	R
 > gradle > src 	136		. <i>create</i> (NonBackpressureEmitter	Gradle
ed nest	137		// Emit a stream of random integers.	()))
	138		<pre>.makeEmitter(Options.instance().count(),</pre>	Datab
l⁴n → 🖿 utils C ex1	139		<pre>Options.instance().maxValue(),</pre>	ase
build.gradle gradlew	140		mPendingItemCount),	
A settings.gradle	141		<pre>// Set the overflow strategy.</pre>	
 IIII External Libraries Iong Scratches and Consoles 	142		<pre>Options.instance().overflowStrategy())</pre>	
	143			
	144		<pre>// Handle errors/exceptions gracefully.</pre>	
ture	145		.onErrorResumeNext(error -> {	
Struc	146		<pre>Options.debug(error.getMessage());</pre>	
-	147		<pre>return Flowable.empty();</pre>	
kmarks	148		})	
BOO	149			
P Git ≔ TODO ● Problems	1 E O Terminal	Profiler	Services δ Build $\$$ Dependencies	
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See github.com/douglascraigschmidt/LiveLessons/tree/master/Reactive/Flowable/ex1

End of Applying Key Operators in the Flowable Class: Case Study ex1