# **Introducing Reactive Programming**

- Introduction to Rx: a free, on-line book by Lee Campbell (1.x)
- The introduction to Reactive Programming you've been missing by Andre Staltz
- Mastering Observables from the Couchbase documentation (1.x)
- Reactive Programming in Java 8 With RxJava, a course designed by Russell Elledge (1.x)
- 33rd Degree Reactive Java by Tomasz Kowalczewski (1.x)
- What Every Hipster Should Know About Functional Reactive Programming Bodil Stokke demos the creation of interactive game mechanics in RxJS
- Your Mouse is a Database by Erik Meijer
- A Playful Introduction to Rx a video lecture by Erik Meijer
- Wikipedia: Reactive Programming and Functional Reactive Programming
- What is Reactive Programming? a video presentation by Jafar Husain.
- <u>2 minute introduction to Rx</u> by André Staltz
- StackOverflow: What is (functional) reactive programming?
- The Reactive Manifesto
- Grokking RxJava, <u>Part 1: The Basics</u>, <u>Part 2: Operator</u>, <u>Operator</u>, <u>Part 3: Reactive with Benefits</u>, <u>Part 4: Reactive</u>
  Android published in Sep/Oct 2014 by Daniel Lew (1.x)

### **How Netflix Is Using RxJava**

- LambdaJam Chicago 2013: Functional Reactive Programming in the Netflix API by Ben Christensen (1.x)
- QCon London 2013 presentation: <u>Functional Reactive Programming in the Netflix API</u> and a related <u>interview</u> with Ben Christensen (1.x)
- <u>Functional Reactive in the Netflix API with RxJava</u> by Ben Christensen and Jafar Husain (1.x)
- Optimizing the Netflix API by Ben Christensen (1.x)
- Reactive Programming at Netflix by Jafar Husain (1.x)

#### RxScala

<u>RxJava: Reactive Extensions in Scala</u>: video of Ben Christensen and Matt Jacobs presenting at SF Scala (1.x)

#### Rx.NET

- rx.codeplex.com
- Rx Design Guidelines (PDF)
- Channel 9 MSDN videos on Reactive Extensions
- Beginner's Guide to the Reactive Extensions
- Rx Is now Open Source by Scott Hanselman
- Rx Workshop: Observables vs. Events
- Rx Workshop: Unified Programming Model
- MSDN Rx forum

#### **RxJS**

• the RxJS github site

- An interactive tutorial: <u>Functional Programming in Javascript</u> and <u>an accompanying lecture (video)</u> by Jafar Husain
- <u>Netflix JavaScript Talks Async JavaScript with Reactive Extensions</u> video of a talk by Jafar Husain about the Rx way of programming
- RxJS, an on-line book by @xgrommx
- <u>Journey from procedural to reactive Javascript with stops</u> by Gleb Bahmutov

### **RxAndroid**

- FRP on Android publish in Jan 2014 by Yaroslav Heriatovych (1.x)
- RxAndroid Github page (2.x)
- RxAndroid basics (1.x & 2.x)
- RxJava and RxAndroid on AndroidHive (1.x & 2.x)
- Reactive Programming with RxAndroid in Kotlin: An Introduction (2.x)
- <u>Difference between RxJava and RxAndroid</u> (2.x)
- Reactive programming with RxAndroid (1.x)
- RxJava Vogella.com (2.x)
- Funcitional reactive Android (1.x)
- Reactive Programming with RxAndroid and Kotlin

## Miscellany

- RxJava Observables and Akka Actors by Anton Kropp (1.x & 2.x)
- Vert.x and RxJava by @petermd (1.x)
- RxJava in Different Flavours of Java: Java 7 and Java 8 implementations of the same code (1.x)