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Learning RxJava - Thomas Nield 2017-06-20

Reactive Programming with Java and ReactiveX About This Book Explore the essential tools and operators RxJava provides, and know which situations to use them in Delve into Observables and Subscribers, the core components of RxJava used for building scalable and performant reactive applications Delve into the practical implementation of tools to effectively take on complex tasks such as concurrency and backpressure Who This Book Is For The primary audience for this book is developers with at least a fundamental mastery of Java. Some readers will likely be interested in RxJava to make programs more resilient, concurrent, and scalable. Others may be checking out reactive programming just to see what it is all about, and to judge whether it can solve any problems they may have. What You Will Learn Learn the features of RxJava 2 that bring about many significant changes, including new reactive types such as Flowable, Single, Maybe, and Completable Understand how reactive programming works and the mindset to "think reactively" Demystify the Observable and how it quickly expresses data and events as sequences Learn the various Rx operators that transform, filter, and combine data and event sequences Leverage multicasting to push data to multiple destinations, and cache and replay them Discover how concurrency and parallelization work in RxJava, and how it makes these traditionally complex tasks trivial to implement Apply RxJava and Retrolambda to the

Android domain to create responsive Android apps with better user experiences Use RxJava with the Kotlin language to express RxJava more idiomatically with extension functions, data classes, and other Kotlin features In Detail RxJava is a library for composing asynchronous and event-based programs using Observable sequences for the JVM, allowing developers to build robust applications in less time. Learning RxJava addresses all the fundamentals of reactive programming to help readers write reactive code, as well as teach them an effective approach to designing and implementing reactive libraries and applications. Starting with a brief introduction to reactive programming concepts, there is an overview of Observables and Observers, the core components of RxJava, and how to combine different streams of data and events together. You will also learn simpler ways to achieve concurrency and remain highly performant, with no need for synchronization. Later on, we will leverage backpressure and other strategies to cope with rapidly-producing sources to prevent bottlenecks in your application. After covering custom operators, testing, and debugging, the book dives into hands-on examples using RxJava on Android as well as Kotlin. Style and approach This book will be different from other Rx books, taking an approach that comprehensively covers Rx concepts and practical applications.

The Essences - Daniel A. Reyes 2016-05-23

The Essences are four unique weapons of incredible power and good,

created by God and given to His four generals, the Archangels, to reign over His creations. A dark prophecy exists, stating that if the Essences become separated from the bond of their four owners, then a dark time of great strife would ensue. Follow the footsteps of the eager and cheerful angel, Uriel, the best friend and apprentice to the mighty archangel Michael. Little by little, Uriel begins to realize that he has found himself wedged in the early stages of a rebellion in heaven. Always at the epicenter of this revolution, he begins to question his allegiance as he struggles to pick a side. The Almighty warns him about interfering in what he witnesses, but this command is easier heard than done. All this while, Satan, God's most beautiful archangel, infuriated by the creation of Earth and humankind, embarks on a calculated journey of his own, wishing to kick-start the dark prophecy and implode humanity with the Essences, one of which is his Trident of Persuasion, which he is often depicted with throughout time. Witness comedy, witty conversations, and romanceyes,

even the devil can suffer from the disillusion of a broken heart. The Essences is the original thriller, the unprecedented story of good and evil, the story before all stories, the most epic of all epics.

Basic Flower Painting Techniques in Watercolor - Rachel Rubin Wolf
1996-09-15

You need only look at a field of sunlit daisies or the elegance of a single rosebud to know why flowers have always been a favorite subject of artists. This book will show you how 24 water color painters capture their subjects' brilliant colors, subtle shadings, graceful shapes and delicate textures. Assembled from some of the best teaching available, this comprehensive, step-by-step instruction will help you create your own, breathtaking watercolor gardens.

IELTS 1 Testbuilder Pack 2E - Sam McCarter 2015-02-20

The Vintage Microphone Handbook - Klaus Heyne 2008-09-15
Manuals