

1: Goetz, Peierls, Bloch, Bowbeer, Holmes & Lea, Java Concurrency in Practice | Pearson

Brian Goetz is a software consultant with twenty years industry experience, with over 75 articles on Java development. He is one of the primary members of the Java Community Process JSR Expert Group (Concurrency Utilities), and has served on numerous other JCP Expert Groups.

I usually do not like books about specific programming languages because they tend to become obsolete so quickly. They are so specific to a particular version of a particular language that any small change renders them useless. That is not the case with Java Concurrency in Practice. This book mixes general concurrency background and advice with Java specific advice with advice applicable to only certain versions of Every programming language needs to have a book like Java Concurrency in Practice. This book mixes general concurrency background and advice with Java specific advice with advice applicable to only certain versions of Java. Even as new versions of Java come out, this book will still have value although not as much as at initial publication. Even as other languages become primary, there are still many parts of the book that will be worth rereading but not all, which is why I say every language needs its own equivalent of this book. Java Concurrency in Practice reads well. I found myself looking forward to reading it, which is not always the case with technical books. The organization built up knowledge gradually, making sure that a concept or library call was introduced before using it. In fact, the few times something, like `join`, was brought up without introduction it was abnormal enough to be memorable. The book starts with an introduction to concurrency. It first motivates the importance of concurrency: It then moves on to defining basic concepts such as thread safety, atomicity, locking, liveness, visibility, and publication. I feel like I have a reasonable background with concurrency in theory although not in practice. Even so, I learned a lot from these introductory chapters. I usually considered concurrency primitives mainly as a way of controlling data access. I had not thought about their relation to memory visibility, especially in the face of optimizing compilers. The bulk of the book talks about techniques for building thread safe, reasonably performant programs. These rules are meant to make your programs safe and comprehensible. They may not squeeze the last bit of efficiency out of your code, but the authors strongly make the case that such optimization usually is not necessary. Clever tricks may make code faster, but they make it more likely to be wrong and harder to maintain. Furthermore, in the face of program optimization, hand tuned code may end up being slower than more naive code that has been optimized. Instead, the authors advice programmers to write easy to understand and safe programs first and then find and optimize the bottlenecks. These range from low level rules such as favoring immutable objects whenever possible to high level guidance on how to structure programs e. Threads and context switching, while relatively cheap, are not free. Part of what makes this book great, however, is that the authors do not treat you like you are stupid. After spending most of the book helping you to understand the complexities of concurrency, they spend the last part of the book giving you the tools to shoot yourself in the foot. They realize that, just as sometimes it really is worth it to write assembly, sometimes performance requirements force you to use higher risk concurrency techniques. In this vein, the last chapters discuss explicit locks, custom synchronizers, nonblocking synchronization, and the Java memory model. I highly recommend Java Concurrency in Practice to any Java programmer. Even if you are not explicitly using concurrency in your code, it shows up implicitly in enough libraries that it is worth reading at least the first part of the book. If you primarily program in another language, I would recommend that you find the equivalent book for your language of choice. Understanding concurrency is quickly becoming required knowledge for programmers. Java programmers Recommended to Michael by: For anyone exposed to the pre-Java5 concurrency support implicit locking and volatile this is an eye-opener. Goetz and company systematically deconstruct a bevy of poorly constructed "concurrent" source and provide tips and approaches to simplify concurrency in Java. The 1 point to take from this book is to avoid mutable data structures at all costs. Easier said than done of course, but much easier than lock-based concurrency. There is a lot to learn from this book. And there is a lot of bad concurrent code written. World would be noticeably better, if every Java developer read this book before writing any concurrent code:

2: Java Concurrency in Practice by Brian Goetz

"I was fortunate indeed to have worked with a fantastic team on the design and implementation of the concurrency features added to the Java platform in Java 5 and Java 6. Now this same team provides the best explanation yet of these new features, and of concurrency in general. Concurrency is no.

3: Java Concurrency in Practice : Brian F. Goetz :

Java Concurrency In Practice Brian Goetz Tim Peierls Joshua Bloch Joseph Bowbeer David Holmes Doug Lea Addison Wesley Professional ISBN 0 13 0 358 7 1.

4: Java concurrency in practice - Brian Goetz, Tim Peierls - Google Books

67 quotes from Brian Goetz: 'It is far easier to design a class to be thread-safe than to retrofit it for thread safety later.', 'Just as it is a good practice to make all fields private unless they need greater visibility, it is a good practice to make all fields final unless they need to be mutable.', and 'Locking can guarantee both visibility and atomicity; volatile variables can only.

5: Brian Goetz Quotes (Author of Java Concurrency in Practice)

EMBED (for www.enganchecubano.com hosted blogs and www.enganchecubano.com item tags).

6: www.enganchecubano.com: Customer reviews: Java Concurrency in Practice

"Java Concurrency in Practice" is an invaluable compilation of threading know-how for Java developers. I found reading this book intellectually exciting, in part because it is an excellent introduction to Java's concurrency API, but mostly because it captures in a thorough and accessible way expert knowledge on threading not easily found.

7: In Java Concurrency In Practice by Brian Goetz - Stack Overflow

In code listing of the Brian Goetz book Concurrency In Practice, he presents his finished thread safe Memoizer class. I thought I understood the code in this example, except that I don't.

8: Brian Goetz (Author of Java Concurrency in Practice)

Is Java Concurrency in Practice still valid? I am wondering whether the ideas, concepts and implementation described in the book are still compliant with the latest Java versions. I am wondering whether the ideas, concepts and implementation described in the book are still compliant with the latest Java versions.

9: Is "Java Concurrency In Practice" still valid? - Stack Overflow

View Brian Goetz's profile on LinkedIn, the world's largest professional community. Java Concurrency in Practice. Contact Brian Goetz directly; View Brian's Full Profile.

Statistics in action P2Y12 inhibitors : thienopyridines and direct oral inhibitors Jean-Philippe Collet . [et al.] Procedures for Primary Care Providers The Prettiest Feathers The clinical bioethics of safe medication practices J. Russell Teagarden Some scriptural directions and advice to assist the faith and practice of true believers Monograph of the Isoetaceae In a word: Pre-Raphaelite, Pre-Raphaelites, Pre-Raphaelitism Deborah Cherry Oracle reports 11g problem User Account Administration Reality and mystical experience Tyro Review of the Arts (English Little Magazines) The fight for the Ohio country. Key policies for full employment Canadian wonder tales The Saint-Frances Guide to Inpatient Medicine Insulin resistance and hypertension James R. Sowers, W. Thomas, and Joan F. Burns Minutes of evidence, Thursday, 17th May, 1973 Step 3: whats the question? The Life Of John Worth Kern The masque of the red death literature book Meteorology and numerical analysis Motivation and emotion Lets Talk About Opposites, Morning to Night (Lets Find Out Early Learning Books: the Five Senses/Opposite Ncert 12 maths List of indian constitutional amendments Victory on Sullivans Island 3 Dimensional Problems of Piezoelasticity State and market : a two-forum societal architecture Clymer Mercruiser Stern Drive Shop Manual 5 Post-Thatcherism Mahalaxmi calendar 2018 Radiation Safety Manual for Nuclear Medicine Department Mapping agrotopoclimates by integrating topographic, meteorological, and land ecological data in a geogra Curriculum as collaborative planning and learning Hack proofing your web applications Is marriage necessary? Day 5: First steps in recording Part three : Convergence and the origin of man. Collectors dictionary of glass.