

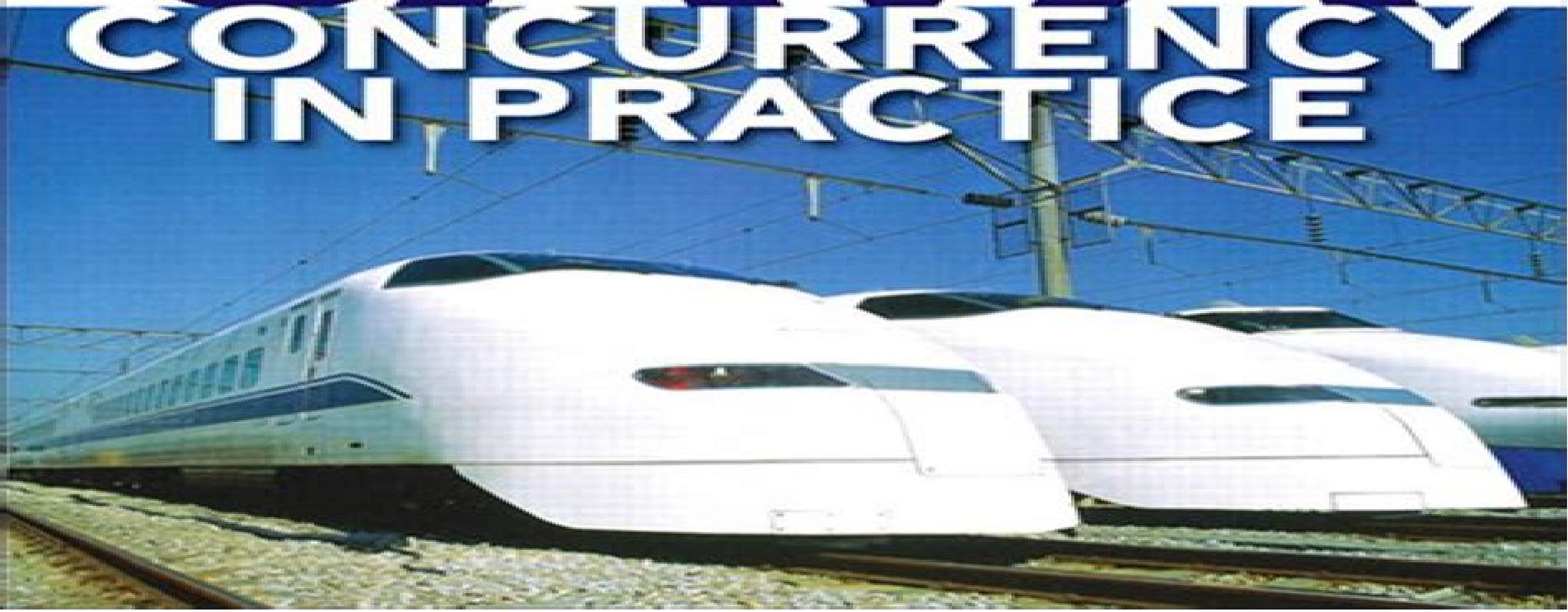
BRIAN GOETZ

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JAVA

CONCURRENCY IN PRACTICE



Java Concurrency In Practice Brian Goetz

**Matthew J. Sottile, Timothy G.
Mattson, Craig E Rasmussen**



Java Concurrency In Practice Brian Goetz:

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What You Will Learn

- Get to grips with the fundamentals of concurrent programming on modern multiprocessor systems
- Build high performance concurrent systems from simple low level concurrency primitives
- Express asynchrony in concurrent computations with futures and promises
- Seamlessly accelerate sequential programs by using data parallel collections
- Design safe scalable and easy to comprehend in memory transactional data models
- Transparently create distributed applications that scale across multiple machines
- Integrate different concurrency frameworks together in large applications
- Develop and implement scalable and easy to understand concurrent applications in Scala 2.12

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It also covers some useful patterns and idioms to use with the techniques described

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Venkat Subramaniam, 2011-08-21

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Mastering Lambdas Maurice Naftalin, 2014-10-17 The Definitive Guide to Lambda Expressions Mastering Lambdas Java Programming in a Multicore World describes how the lambda related features of Java SE 8 will enable Java to meet the challenges of next generation parallel hardware architectures The book explains how to write lambdas and how to use them in streams and in collection processing providing code examples throughout You'll learn how to use lambda expressions to take full advantage of performance improvements provided by today's multicore hardware This Oracle Press book covers Why lambdas were needed and how they will change Java programming Syntax of lambda expressions The basic operation of streams and pipelines Using collectors and reduction to end pipelines Creating streams Spliterators the fork join framework and exceptions Examining stream performance with microbenchmarking API evolution using default methods

Dr. Dobb's Journal, 2006 **The British National Bibliography** Arthur James Wells, 2006

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