Scala High Performance Programming

By Vincent Theron, Michael Diamant

Packt Publishing Limited, United Kingdom, 2016. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Leverage Scala and the functional paradigm to build performant software About This Book * Get the first book to explore Scala performance techniques in depth! * Real-world inspired use cases illustrate and support the techniques studied and the language features * This book is written by Vincent Theron and Michael Diamant, software engineers with several years of experience in the high-frequency trading and programmatic advertising industries Who This Book Is For This book assumes a basic exposure to the Scala programming language and the Java Virtual Machine. You should be able to read and understand moderately advanced Scala code. No other knowledge is required. What You Will Learn * Analyze the performance of JVM applications by developing JMH benchmarks and profiling with Flight Recorder * Discover use cases and performance tradeoffs of Scala language features, and eager and lazy collections * Explore event sourcing to improve performance while working with stream processing pipelines * Dive into asynchronous programming to extract performance on multicore systems using Scala Future and Scalaz Task * Design distributed systems with conflict-free...

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