Rust High Performance (Paperback)

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Reviews

Very useful to all category of men and women. I actually have study and i also am certain that i am going to going to read through again once more down the road. Its been written in an exceptionally simple way and is particularly only soon after i finished reading this publication by which basically altered me, modify the way in my opinion.
(Dr. Sarai Fisher DDS)

RUST HIGH PERFORMANCE (PAPERBACK)

Packt Publishing Limited, United Kingdom, 2018. Paperback. Condition: New. Language: N/A. Brand New Book ***** Print on Demand *****.Understand how to find bottlenecks, identify the proper algorithm to use, optimize performance and learn how to create really efficient Rust applications About This Book * Understand the common performance pitfalls and improve the performance of your application. * Get to grips with parallel programming and multithreading with Rust. * Learn metaprogramming in Rust. Who This Book Is For This book is for Rust developers looking to improve the speed of their code or simply wanting to take their skills up to the next level. What You Will Learn * Find out small tricks that make your code faster. * Learn how to identify bottlenecks in your Rust applications * Discover how to profile your Rust software. * Understand the type system to create compile-time optimizations. * Master the borrow checker . * Learn metaprogramming in Rust to avoid boilerplate code. * Discover multithreading and work stealing in Rust. * Understand asynchronous programming in Rust. In Detail Sometimes it might be difficult to get the best performance out of Rust. This book will teach you how to optimize the speed of your Rust code so that its speed is comparable to languages such as C/C++. Understand and fix common pitfalls, learn how to improve your productivity by using metaprogramming and speed up your code by concurrently executing parts of your code safely and easily. Find out the particularities of the language that make it shine and use them to really improve the efficiency of your algorithms. The book begins with a gentle introduction to help you identify the bottlenecks when programming in Rust. We will highlight common performance pitfalls, along with strategies to detect and resolve these issues early. We move on...

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