Learning Rust

Paul Johnson

Click here if your download doesn"t start automatically

Learning Rust

Paul Johnson

Learning Rust Paul Johnson

Key Features

- Get started with the language to build scalable and high performance applications
- This book will help C#/C++ developers gain better performance and memory management, and build concurrent application on the server side
- Discover the power of Rust when developing concurrent applications for large and scalable software

Book Description

Rust is a highly concurrent and high performance language that focuses on safety and speed, memory management, and writing clean code. It also guarantees thread safety, and its aim is to improve the performance of existing applications. Its potential is shown by the fact that it has been backed by Mozilla to solve the critical problem of concurrency.

Learning Rust will teach you to build concurrent, fast, and robust applications. From learning the basic syntax to writing complex functions, this book will is your one stop guide to get up to speed with the fundamentals of Rust programming. We will cover the essentials of the language, including variables, procedures, output, compiling, installing, and memory handling.

You will learn how to write object-oriented code, work with generics, conduct pattern matching, and build macros. You will get to know how to communicate with users and other services, as well as getting to grips with generics, scoping, and more advanced conditions. You will also discover how to extend the compilation unit in Rust.

By the end of this book, you will be able to create a complex application in Rust to move forward with.

What you will learn

- Set up Rust for Windows, Linux, and OS X
- Write effective code using Rust
- Expand your Rust applications using libraries
- Interface existing non-Rust libraries with your Rust applications
- Use the standard library within your applications
- Understand memory management within Rust and speed efficiency when passing variables
- Create more complex data types
- Study concurrency in Rust with multi-threaded applications and sync threading techniques to improve the performance of an application problem

About the Author

Paul Johnson is 44, lives with his wife, dog, cats, and son, and drinks way too much coffee! For the last 4 years, he has been successfully developing mobile software for a range of companies in the UK, the U.S., and Australia. When he gets the chance, he can be found on the Facebook Xamarin Developer group where he is an admin.

Software-wise, Paul has developed code in BASIC, Z80, 6502, and ARM assembler, C, C++, C#, Pascal, and FORTRAN. He has won awards for programming and is a published author with Packt (Xamarin Mobile Application Development for iOS and Cross-platform UI Development with Xamarin.Forms) as well as acting as a mentor for a couple of new writers for Packt.

Download Learning Rust ...pdf

Read Online Learning Rust ...pdf

Download and Read Free Online Learning Rust Paul Johnson

Download and Read Free Online Learning Rust Paul Johnson

From reader reviews:

Mike Hendrix:

Here thing why this particular Learning Rust are different and trustworthy to be yours. First of all reading through a book is good but it really depends in the content than it which is the content is as delightful as food or not. Learning Rust giving you information deeper since different ways, you can find any guide out there but there is no guide that similar with Learning Rust. It gives you thrill examining journey, its open up your own eyes about the thing this happened in the world which is probably can be happened around you. It is easy to bring everywhere like in park, café, or even in your technique home by train. Should you be having difficulties in bringing the branded book maybe the form of Learning Rust in e-book can be your choice.

Gemma Jackson:

Nowadays reading books become more and more than want or need but also become a life style. This reading practice give you lot of advantages. The advantages you got of course the knowledge even the information inside the book that improve your knowledge and information. The knowledge you get based on what kind of publication you read, if you want attract knowledge just go with training books but if you want experience happy read one together with theme for entertaining like comic or novel. The particular Learning Rust is kind of e-book which is giving the reader erratic experience.

Jean McFerren:

This Learning Rust tend to be reliable for you who want to certainly be a successful person, why. The main reason of this Learning Rust can be among the great books you must have is giving you more than just simple looking at food but feed you with information that perhaps will shock your previous knowledge. This book will be handy, you can bring it all over the place and whenever your conditions at e-book and printed ones. Beside that this Learning Rust giving you an enormous of experience including rich vocabulary, giving you test of critical thinking that we all know it useful in your day action. So , let's have it appreciate reading.

Stacey Thompson:

The actual book Learning Rust will bring that you the new experience of reading a new book. The author style to spell out the idea is very unique. Should you try to find new book to read, this book very suited to you. The book Learning Rust is much recommended to you to see. You can also get the e-book from your official web site, so you can quickly to read the book.

Download and Read Online Learning Rust Paul Johnson

#GZM5U0PJKVT

Read Learning Rust by Paul Johnson for online ebook

Learning Rust by Paul Johnson Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Learning Rust by Paul Johnson books to read online.

Online Learning Rust by Paul Johnson ebook PDF download

Learning Rust by Paul Johnson Doc

Learning Rust by Paul Johnson Mobipocket

Learning Rust by Paul Johnson EPub

Learning Rust by Paul Johnson Ebook online

Learning Rust by Paul Johnson Ebook PDF