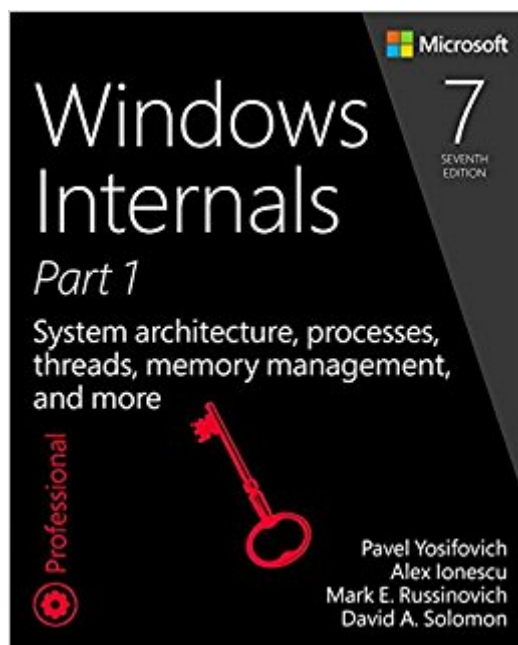The book was found

Windows Internals, Part 1: System Architecture, Processes, Threads, Memory Management, And More (7th Edition)

Synopsis

The definitive guideâ "fully updated for Windows 10 and Windows Server 2016Delve inside Windows architecture and internals, and see how core components work behind the scenes. Led by a team of internals experts, this classic guide has been fully updated for Windows 10 and Windows Server 2016.Whether you are a developer or an IT professional, youâ ™ll get critical, insider perspectives on how Windows operates. And through hands-on experiments, youâ ™ll experience its internal behavior firsthandâ "knowledge you can apply to improve application design, debugging, system performance, and support.This book will help you:Â Â Â Â Â Â Â Â Understand the Window system architecture and its most important entities, such as processes and threadsÂ Â Â Â Â Â Â Â Examine how processes manage resources and threads scheduled for execution inside processesÂ Â Â Â Â Â Â Â Observe how Windows manages virtual and physical memoryÂ Â Â Â Â Â Â Â Dig into the Windows I/O system and see how device drivers work and integrate with the rest of the systemÂ Â Â Â Â Â Â Â Go inside the Windows security model to see how it manages access, auditing, and authorization, and learn about the new mechanisms in Windows 10 and Server 2016

Book Information

Paperback: 800 pages

Publisher: Microsoft Press; 7 edition (May 15, 2017)

Language: English

ISBN-10: 0735684189

ISBN-13: 978-0735684188

Product Dimensions: 7.3 x 1.8 x 9 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars   11 customer reviews

Best Sellers Rank: #32,994 in Books (See Top 100 in Books)   #2 inÂ Books > Computers & Technology > Programming > Algorithms > Memory Management   #4 inÂ Books > Computers & Technology > Networking & Cloud Computing > Network Administration > Windows Administration #4 inÂ Books > Computers & Technology > Business Technology > Windows Server

Customer Reviews

Pavel Yosifovich is a software developer andÂ trainer, specializing in Microsoft technologies and tools. He is also an MVP and a PluralSight author.

I was very excited to have received this book. The timing of the book was so perfect as it is up to date with the latest windows 10 build. I checked my new computer and it matched exactly.The book opens up chapter 1 with an overview of what is to come and then goes into the details chapter by chapter. I have received the earlier editions of this book and was surprised to note that this one is a much easier read. It is extremely well written and introduces a number of tools that allow you to experiment and actually follow along with the information presented. A number of references were made to volume 2 of this book but unfortunately volume 2 has not yet been published. I can't wait until I can preorder this book.I purchased both the hard copy and the electronic versions of this book. What I truly enjoyed about the kindle edition is that it comes with highlighted reference links that allow you to click to the reference and then click to go back to where you left off reading. I am and IT specialist and my company will soon be moving to windows 10 OS; this book has given me a much more thorough understanding of how things work.The book provides an expert view of the foundation upon which all windows applications are built. I very thankful to the Authors for all the time and effort they put into this book to make it comprehensible to a layman like myself.

A good book in a series of great books. None can compare to the first edition that gave us the backstory of Windows NT, but this book is a great resource. I can not wait until the second part is made public.

Really well written and updated. A perfect companion using the tools.

Wonderful book. Great explanations and examples.

Excellent edition of the Windows Internals series. Can't wait for the next volume(s)!

Great stuff keep it up.

An absolute must have on your technical book shelf

Essential reference

Windows Internals, Part 1: System architecture, processes, threads, memory management, and more (7th Edition) Windows 10: The Ultimate 2 in 1 User Guide to Microsoft Windows 10 User

Guide to Microsoft Windows 10 for Beginners and Advanced Users (tips and tricks, ... Windows, softwares, guide Book 7) Memory Exercises: Memory Exercises Unleashed: Top 12 Memory Exercises To Remember Work And Life In 24 Hours With The Definitive Memory Exercises Guide! (memory exercises, memory, brain training) Memory Training: Train your brain to improve your memory (Unlimited Memory, Mental Health, Memory Techniques, Education & Reference, Study Skills, Memory Improvement Book 1) Windows 10: The Best Guide How to Operate New Microsoft Windows 10 (tips and tricks, 2017 user manual, user guide, updated and edited, Windows for beginners) Windows 10: The Best Guide How to Operate New Microsoft Windows 10 (tips and tricks, user manual, user guide, updated and edited, Windows for beginners) Windows 10: The Ultimate 2017 Updated User Guide to Microsoft Windows 10 (2017 updated user guide, tips and tricks, user manual, user guide, Windows 10) Windows 10 Manual and Windows 10 User Guide (Windows 10 Guide for Beginners) Windows 10: User Guide and Manual: Microsoft Windows 10 for Windows Users Memory: Boost Your Memory with Easy Exercises - Improve Your Mental Focus in Everyday Life (FREE BONUS INCLUDED) (Improve memory, improving memory, remembering more, productivity improvement) Better Memory Now: Memory Training Tips to Creatively Learn Anything Quickly, Improve Memory, & Ability to Focus for Students, Professionals, and Everyone Else who wants Memory Improvement Memory Repair Protocol - Improve Your Memory: Powerful Strategies To Enhance Your Memory - The Ultimate Guide to Unleash Your Brain's Potential (memory loss Book 1) The Art of Memory Forensics: Detecting Malware and Threats in Windows, Linux, and Mac Memory Operating Systems: Internals and Design Principles (8th Edition) Operating Systems: Internals and Design Principles (9th Edition) Windows 10: Pros and Cons (Windows 10 for beginners Kindle ebooks Edition Book 2) Windows Registry Forensics, Second Edition: Advanced Digital Forensic Analysis of the Windows Registry Windows Forensic Analysis Toolkit, Fourth Edition: Advanced Analysis Techniques for Windows 8 TAKING THE FALL - The Complete Series: Part One, Part, Two, Part Three & Part Four Mac OS X Internals: A Systems Approach