Linux Kernel Development (Developer's Library)

Von Robert Love
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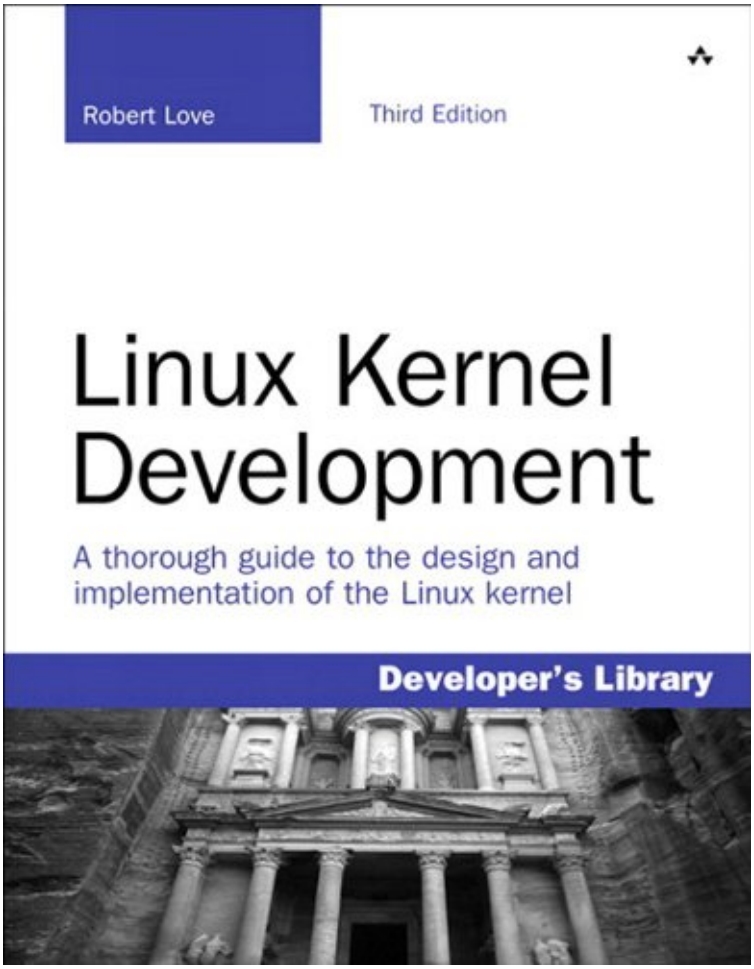

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Von Robert Love : Linux Kernel Development (Developer's Library) before purchasing it in order to gage whether or not it would be worth my time, and all praised Linux Kernel Development (Developer's Library):

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Einsteigerfreundlicher berblickVon DiscipulusDieses Buch ist empfehlenswert z.B. fr Leute, die Linux-Treiber programmieren wollen, aber noch nicht die ntigen Kernel-Grundkenntnisse haben. Das Buch ist relativ anfngerfreundlich, da nicht auf jedes kleine Detail eingegangen wird. Stattdessen bemht sich der Autor, dem Leser einen berblick zu geben. Ausgewhlte Teile des Kernel-Quellcodes werden (teilweise vereinfacht) wiedergegeben und kurz erklrt. Die Kritik eines anderen Rezensenten, das Buch sei "seicht" und "ohne Tiefe", ist insofern nachvollziehbar, als der Untertitel irrefhrend ist: Statt "A thorough guide to" sollte da "An overview of" stehen.0 von 0 Kunden fanden die folgende Rezension hilfreich. It is perfect, thanksVon Al-KhalissiThis book is really nice. Also, it is cheap. Thanks for and buyer to support like this book. Thank you very much.11 von 20 Kunden fanden die folgende

Rezension hilfreich. Ohne TiefeVon Andreas VidaWer ein Informatikstudium abgeschlossen hat und somit die Grundlagen von Betriebssystemen kennt,wird im Internet zum Nulltarif weit bessere Ressourcen zum Thema finden.Die Kapitel sind allesamt seicht und verlieren sich in unwesentlichen Details - wie funktionieren Linked-Lists, wiecheckt man die Kernel Sourcen aus etc...Der Text ist eine Mischung aus Prosa und einzeiligen Funktionsignaturen.Die angefhrten mehrzeiligen Codebeispiele bewegen sich zumeist auf "hello world"-Ebene.Man hat das Gefhl, dass sich der Autor an interessanten Stellen absichtlich kurz fat und irrelevante Teileunntig aufblht um das Buch zu fllen.Unklar bleibt warum sich das Buch als "thorough" bezeichnet und wer die eigentlich Zielgruppe ist.Informatik Einsteiger werden sich wohl kaum mit Linux Kernel Entwicklung beschftigen und fortgeschrittene LinuxKenner langweilen sich mit diesem Text.

Kurzbeschreibung Linux Kernel Development details the design and implementation of the Linux kernel, presenting the content in a manner that is beneficial to those writing and developing kernel code, as well as to programmers seeking to better understand the operating system and become more efficient and productive in their coding. The book details the major subsystems and features of the Linux kernel, including its design, implementation, and interfaces. It covers the Linux kernel with both a practical and theoretical eye, which should appeal to readers with a variety of interests and needs. The author, a core kernel developer, shares valuable knowledge and experience on the 2.6 Linux kernel. Specific topics covered include process management, scheduling, time management and timers, the system call interface, memory addressing, memory management, the page cache, the VFS, kernel synchronization, portability concerns, and debugging techniques. This book covers the most interesting features of the Linux 2.6 kernel, including the CFS scheduler, preemptive kernel, block I/O layer, and I/O schedulers. The third edition of Linux Kernel Development includes new and updated material throughout the book: An all-new chapter on kernel data structures Details on interrupt handlers and bottom halves Extended coverage of virtual memory and memory allocation Tips on debugging the Linux kernel In-depth coverage of kernel synchronization and locking Useful insight into submitting kernel patches and working with the Linux kernel community Kurzbeschreibung Linux Kernel Development details the design and implementation of the Linux kernel, presenting the content in a manner that is beneficial to those writing and developing kernel code, as well as to programmers seeking to better understand the operating system and become more efficient and productive in their coding. The book details the major subsystems and features of the Linux kernel, including its design, implementation, and interfaces. It covers the Linux kernel with both a practical and theoretical eye, which should appeal to readers with a variety of interests and needs. The author, a core kernel developer, shares valuable knowledge and experience on the 2.6 Linux kernel. Specific topics covered include process management, scheduling, time management and timers, the system call interface, memory addressing, memory management, the page cache, the VFS, kernel synchronization, portability concerns, and debugging techniques. This book covers the most interesting features of the Linux 2.6 kernel, including the CFS scheduler, preemptive kernel, block I/O layer, and I/O schedulers. The third edition of Linux Kernel Development includes new and updated material throughout the book: An all-new chapter on kernel data structures Details on interrupt handlers and bottom halves Extended coverage of virtual memory and memory allocation Tips on debugging the Linux kernel In-depth coverage of kernel synchronization and locking Useful insight into submitting kernel patches and working with the Linux kernel community Synopsis The third edition of the authoritative, practical introduction to the Linux kernel for programmers who want to better understand the Linux kernel and write and develop kernel code. Authored by a well-known member of the Linux kernel development team, with a reputation for a highly readable and focused writing style, this edition has been thoroughly updated and includes improved coverage of all the major subsystems and features of the latest version of the Linux 2.6.xx kernel.