

Linux Kernel in a Nutshell: A Desktop Quick Reference (In a Nutshell (O'Reilly))

By Greg Kroah-Hartman



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Written by a leading developer and maintainer of the Linux kernel, *Linux Kernel in a Nutshell* is a comprehensive overview of kernel configuration and building, a critical task for Linux users and administrators.

No distribution can provide a Linux kernel that meets all users'needs. Computers big and small have special requirements that requirereconfiguring and rebuilding the kernel. Whether you are trying toget sound, wireless support, and power management working on a laptopor incorporating enterprise features such as logical volume managementon a large server, you can benefit from the insights in this book.

Linux Kernel in a Nutshell covers the entirerange of kernel tasks, starting with downloading the source and makingsure that the kernel is in sync with the versions of the tools youneed. In addition to configuration and installation steps, the bookoffers reference material and discussions of related topics such ascontrol of kernel options at runtime.

A key benefit of the book is a chapter on determining exactly what drivers are needed for your hardware. Also included are recipes that list what you need to do to accomplish a wide range of popular tasks.





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Review

"you can't go wrong with adding Linux Kernel in a Nutshell to your library." - James Pyles, Linux Magazine, March 2007

About the Author

Greg Kroah-Hartman has been building the Linux kernel since 1996 and started writing Linux kernel drivers in 1999. He is currently the maintainer of the USB, PCI, driver core and sysfs subsystems in the kernel source tree and is also one half of the -stable kernel release team. He created the udev program and maintains the Linux hotplug userspace project. He is a Gentoo Linux developer as well as the co-author of the third edition of the "Linux Device Drivers" book and a contributing editor to Linux Journal. He also created and maintains the Linux Device Driver Kit. He currently works for SuSE Labs/Novell, doing various Linux kernel related tasks.

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