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# Linux Application Development 2nd Edition

**Michael K. Johnson, Erik W. Troan**

## **Linux Application Development 2nd Edition:**

**Linux Application Development, 2/e** Michael K. Johnson, 2005      **Linux Application Development** Michael K. Johnson, Erik W. Troan, 2005 The first edition of this book has always been kept within arm's reach of my desk due to the wonderful explanations of all areas of the Linux userspace API. This second edition greatly overshadows the first one and will replace it. Greg Kroah Hartman Linux kernel programmer Develop Software that Leverages the Full Power of Today's Linux. Linux Application Development Second Edition is the definitive reference for Linux programmers at all levels of experience including C programmers moving from other operating systems. Building on their widely praised first edition leading Linux programmers Michael Johnson and Erik Troan systematically present the key APIs and techniques you need to create robust, secure, efficient software or to port existing code to Linux. This book has been fully updated for the Linux 2.6 kernel, GNU C library version 2.3, the latest POSIX standards and the Single Unix Specification Issue 6. Its deep coverage of Linux specific extensions and features helps you take advantage of the full power of contemporary Linux. Along the way the authors share insights, tips and tricks for developers working with any recent Linux distribution and virtually any version of Unix. Topics include: Developing in Linux, understanding the operating system, licensing and documentation, The development environment, compilers, linker and loader, and unique debugging tools. System programming, process models, file handling, signal processing, directory operations and job control. Terminals, sockets, timers, virtual consoles and the Linux console. Development libraries, string matching, terminal handling, command line parsing, authentication and more. Hundreds of downloadable code samples. New to this edition: The GNU C library, glibc, underlying standards and test macros. Writing secure Linux programs, system daemons and utilities. Significantly expanded coverage of memory debugging, including Valgrind and mpr. Greatly improved coverage of regular expressions, IPv6 networking coverage, including new system library interfaces for using IPv6 and IPv4 interchangeably. Coverage of strace, ltrace, real time signals, poll and epoll system calls, popt library improvements, Pluggable Authentication Modules, PAM, qdbm and much more. Improved index and glossary, plus line numbered code examples.

*Linux Application Development, Second Edition* Michael K. Johnson, 2004      *Linux? Rapid Application Development* Cameron Hughes, Tracey Hughes, 2000-10-15 This hands on guide gives C programmers the tools and techniques needed to create applications based on KDE, the leading Linux graphical user interface. Packed with tips and advice for streamlining the entire development cycle, it explains how to harness the Qt and K Class libraries and build user friendly Linux applications in a snap. The CD ROM has Qt and KDE tools and all code from the book.      **Linux Application Development** Michael K. Johnson, Erik W. Troan, 1998 Written by two recognized experts this title is a detailed guide for experienced programmers who want to develop Linux software or who want to port software from other platforms like DOS to Linux. The unique extensions and features of Linux are explored providing an invaluable reference for those using the system.

*GNU/Linux Application Programming* M. Tim Jones, 2008 This book provides a holistic approach to teaching developers

GNU Linux programming using APIs tools communication and scripting Covering a wide range of topics the book is split into five parts The GNU Linux Operating System GNU Tools Processes Communication and Coordination Shells and Scripting and Debugging    [Linux Journal](#) ,2004    **GNU/Linux Application Programming, Second Edition** M. Jones,2008

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Matthias Warkus,2004 Developers who write programs for GNOME use the GNOME API Working with the GNOME API is preferable because the program will conform to the standard GNOME program look and feel It also allows the developer to use the GNOME specific libraries in the program greatly simplifying the development process The Official GNOME 2 Developer s Guide is the official GNOME Foundation guide to programming GUIs and applications using the GTK and GNOME API Developed in partnership with the GNOME Foundation this book is for programmers working with the GNOME 2 desktop environment Each section begins with an example program that serves as a tutorial then develops into a reference on the topic Includes abundant well annotated examples Knowledge of the C programming language is required but no GUI programming experience is necessary    [Oracle Database 11g Oracle Real Application Clusters Handbook, 2nd Edition](#) K.

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