

linux socket programming pdf

Advanced Linux Programming Contents At a Glance I Advanced UNIX Programming with Linux 1 Getting Started 3 2 Writing Good GNU/Linux Software 17 3 Processes 45 4 Threads 61 5 Interprocess Communication 95 II Mastering Linux 6 Devices 129 7 The /proc File System 147 8 Linux System Calls 167 9 Inline Assembly Code 189 10 Security 197 11 A Sample GNU/Linux Application 219 III Appendixes A Other ...

Advanced Linux Programming - Richard Esplin

Beginning Linux Programming, Fourth Edition continues its unique approach to teaching UNIX programming in a simple and structured way on the Linux platform. Through the use of detailed and realistic examples, students learn by doing, and are able to move from being a Linux beginner to creating custom applications in Linux.

Beginning Linux Programming, 4th Edition - Wrox

What is a socket? Socket: An interface between an application process and transport layer “ The application process can send/receive messages to/from another application process (local or remote) via a socket In Unix jargon, a socket is a file descriptor “ an integer associated with an open file

Socket Programming - IITK

Linux (/ ˈ ɛ ɪ n ˈ ɛ ɪ k s / LIN-É™ks) is a family of free and open-source software operating systems based on the Linux kernel, an operating system kernel first released on September 17, 1991 by Linus Torvalds. Linux is typically packaged in a Linux distribution (or distro for short).. Distributions include the Linux kernel and supporting system software and libraries, many of which are ...

Linux - Wikipedia

Berkeley sockets is an application programming interface (API) for Internet sockets and Unix domain sockets, used for inter-process communication (IPC). It is commonly implemented as a library of linkable modules. It originated with the 4.2BSD Unix operating system, released in 1983.. A socket is an abstract representation for the local endpoint of a network communication path.

Berkeley sockets - Wikipedia

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Linux may be obtained in two different ways. All the necessary components can be downloaded free of charge from the Internet, which means an operating system can be assembled for almost nothing.

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2.1.3. Linux. In 1991 Linus Torvalds began developing an operating system kernel, which he named “œLinux” [Torvalds 1999]. This kernel could be combined with the FSF material and other components (in particular some of the BSD components and MIT’s X-windows software) to produce a freely-modifiable and very useful operating system.

Secure Programming HOWTO - dwheeler.com

Beej's Guide to Network Programming Using Internet Sockets (Click here for other guides!Hello, one and all! This is my little how-to guide on network programming using Internet sockets, or "sockets programming", for those of you who prefer it.

Beej's Guide to Network Programming

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Newest 'linux' Questions - Stack Overflow

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GTK+: Gnome cross platform GUI API programming Tips and Tricks. This YoLinux.com GTK+ 2 tutorial is aimed at C/C++ application developers who wish to write software with a single GUI API for compilation for a multitude of target OS platforms.

GTK+ Programming Tips and Tricks - YoLinux.com

One of the most important task in Linux systems administration, is process management. Its involves several operations under monitoring, signaling processes as well as setting processes priorities on the system. fuser is a simple yet powerful command line utility intended to locate processes based ...

Learn How to Use â€“fuserâ€”™ Command with Examples in Linux

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Linux PCAN Driver: Overview - PEAK-System

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