

Cygwin Guide

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[Palm OS Programming](#) - Neil Rhodes 2002

Introduces the PalmPilot and its systems while offering instruction in programming forms, databases, widgets, and event-driven user interfaces.

NET Security and Cryptography - Peter Thorsteinson 2004

Learn how to make your .NET applications secure! Security and cryptography, while always an essential part of the computing industry, have seen their importance increase greatly in the last several years. Microsoft's .NET Framework provides developers with a powerful new set of tools to make their applications secure. NET Security and Cryptography is a practical and comprehensive guide to implementing both the security and the cryptography features found in the .NET platform. The authors provide numerous clear and focused examples in both C# and Visual Basic .NET, as well as detailed commentary on how the code works. They cover topics in a logical sequence and context, where they are most relevant and most easily understood. All of the sample code is available online at . This book will allow developers to: Develop a solid basis in the theory of cryptography, so they can understand how the security tools in the .NET Framework function Learn to use symmetric algorithms, asymmetric algorithms, and digital signatures Master both traditional encryption programming as well as the new techniques of XML encryption and XML signatures Learn how these tools apply to ASP.NET and Web Services security

[Computer Simulation in Physics and Engineering](#) - Martin Oliver Steinhauser 2013-01-01

This work is a needed reference for widely used techniques and methods of computer simulation in physics and other disciplines, such as materials science. The work conveys both: the theoretical foundations of computer simulation as well as applications and "tricks of the trade", that often are scattered across various papers. Thus it will meet a need and fill a gap for every scientist who needs computer simulations for his/her task at hand. In addition to being a reference, case studies and exercises for use as course reading are included.

[bash Cookbook](#) - Carl Albing 2007-05-24

The key to mastering any Unix system, especially Linux and Mac OS X, is a thorough knowledge of shell scripting. Scripting is a way to harness and customize the power of any Unix system, and it's an essential skill for any Unix users, including system administrators and professional OS X developers. But beneath this simple promise lies a treacherous ocean of variations in Unix commands and standards. bash Cookbook teaches shell scripting the way Unix masters practice the craft. It presents a variety of recipes and tricks for all levels of shell programmers so that anyone can become a proficient user of the most common Unix shell -- the bash shell -- and cygwin or other popular Unix emulation packages. Packed full of useful scripts, along with examples that explain how to create better scripts, this new cookbook gives professionals and power users everything they need to automate routine tasks and enable them to truly manage their systems -- rather than have their systems manage them.

[Autotools, 2nd Edition](#) - John Calcote 2019-11-05

The long awaited update to the practitioner's guide to GNU Autoconf, Automake, and Libtool The GNU Autotools make it easy for developers to create software that is portable across many Unix-like operating systems, and even Windows. Although the Autotools are used by thousands of open source software packages, they have a notoriously steep learning curve. Autotools is the first book to offer programmers a tutorial-based guide to the GNU build system. Author John Calcote begins with an overview of high-level

concepts and a hands-on tour of the philosophy and design of the Autotools. He then tackles more advanced details, like using the M4 macro processor with Autoconf, extending the framework provided by Automake, and building Java and C# sources. He concludes with solutions to frequent problems encountered by Autotools users. This thoroughly revised second edition has been updated to cover the latest versions of the Autotools. It includes five new chapters on topics like pkg-config, unit and integration testing with Autotest, internationalizing with GNU tools, the portability of gnulib, and using the Autotools with Windows. As with the first edition, you'll focus on two projects: Jupiter, a simple "Hello, world!" program, and FLAIM, an existing, complex open source effort containing four separate but interdependent projects. Follow along as the author takes Jupiter's build system from a basic makefile to a full-fledged Autotools project, and then as he converts the FLAIM projects from complex, hand-coded makefiles to the powerful and flexible GNU build system. Learn how to: Master the Autotools build system to maximize your software's portability Generate Autoconf configuration scripts to simplify the compilation process Produce portable makefiles with Automake Build cross-platform software libraries with Libtool Write your own Autoconf macros This detailed introduction to the GNU Autotools is indispensable for developers and programmers looking to gain a deeper understanding of this complex suite of tools. Stop fighting against the system and make sense of it all with the second edition of Autotools!

Pragmatic Guide to Git - Travis Swicegood 2010-11-15

Need to learn how to wrap your head around Git, but don't need a lot of hand holding? Grab this book if you're new to Git, not to the world of programming. Git tasks displayed on two-page spreads provide all the context you need, without the extra fluff.

PostgreSQL 8.4 Official Documentation - Volume II. Server Administration - The Postgresql Global Development Group 2009-08

Welcome to the "PostgreSQL 8.4 Official Documentation - Volume II. Server Administration"! After many years of development, PostgreSQL has become feature-complete in many areas. This release shows a targeted approach to adding features (e.g., authentication, monitoring, space reuse), and adds capabilities defined in the later SQL standards.

[Cygwin User Guide](#) - Cygwin Team 2016-03-13

Cygwin is a Linux-like environment for Windows. It consists of a DLL (cygwin1.dll), which acts as an emulation layer providing substantial POSIX (Portable Operating System Interface) system call functionality, and a collection of tools, which provide a Linux look and feel. The Cygwin DLL works with all x86 and AMD64 versions of Windows NT since Windows XP SP3. The API follows the Single Unix Specification as much as possible, and then Linux practice. The major differences between Cygwin and Linux is the C library (newlib instead of glibc). With Cygwin installed, users have access to many standard UNIX utilities. They can be used from one of the provided shells such as bash or from the Windows Command Prompt. Additionally, programmers may write Win32 console or GUI applications that make use of the standard Microsoft Win32 API and/or the Cygwin API. As a result, it is possible to easily port many significant UNIX programs without the need for extensive changes to the source code. This includes configuring and building most of the available GNU software (including the development tools included with the Cygwin distribution)

HTML to MadCap Flare - Peter Lavin 2017-02-12

HTML to MadCap Flare shows you how to import content, including dynamic content, into MadCap Flare effectively and efficiently.

Cassandra: The Definitive Guide - Eben Hewitt 2010-11-12

What could you do with data if scalability wasn't a problem? With this hands-on guide, you'll learn how Apache Cassandra handles hundreds of terabytes of data while remaining highly available across multiple data centers -- capabilities that have attracted Facebook, Twitter, and other data-intensive companies. Cassandra: The Definitive Guide provides the technical details and practical examples you need to assess this database management system and put it to work in a production environment. Author Eben Hewitt demonstrates the advantages of Cassandra's nonrelational design, and pays special attention to data modeling. If you're a developer, DBA, application architect, or manager looking to solve a database scaling issue or future-proof your application, this guide shows you how to harness Cassandra's speed and flexibility. Understand the tenets of Cassandra's column-oriented structure Learn how to write, update, and read Cassandra data Discover how to add or remove nodes from the cluster as your application requires Examine a working application that translates from a relational model to Cassandra's data model Use examples for writing clients in Java, Python, and C# Use the JMX interface to monitor a cluster's usage, memory patterns, and more Tune memory settings, data storage, and caching for better performance *PostgreSQL 9.0 Official Documentation - Volume II. Server Administration* - PostgreSQL Global Development Group 2011-03

This book is part of the PostgreSQL 9.0 documentation collection (up-to-date & full), published by Fultus Corporation. PostgreSQL 9.0 includes built-in, binary replication, and over a dozen other major features which will appeal to everyone from web developers to database hackers.

[MySQL Administrator's Guide and Language Reference](#) - MySQL AB 2006-04-27

Written by the creators of MySQL and edited by one of the most highly respected MySQL authors, the MySQL Administrator's Guide and Language Reference is the official guide to installing MySQL, to setting up and administering MySQL databases, and to storing and retrieving data in these databases. This new edition combines into one book the MySQL Language Reference (on CD) with the practical information of the MySQL Administrator's Guide book.

MLI Physics Collection - 2018-05-10

This digital collection of twelve book length titles encompasses all of the major subject areas of physics. All twelve titles are combined into one easily downloadable file and are fully-searchable in a Web.pdf, bookmarked, file format. Titles include electromagnetism, particle physics, quantum mechanics, theory of relativity, mathematical methods for physics, computational physics, electrical engineering experiments, multiphysics modeling, solid state physics, radio astronomy, Newtonian mechanics, and physics lab experiments. FEATURES: • Includes 12 full length book titles in one, fully searchable, Web.pdf file • Each book title is preceded by a descriptive page with overview and features • All titles include the complete front matter, text, and end matter from the original printed version • Over 5000 pages of physics information in one file • Complete file downloads in less than two minutes LIST OF TITLES Particle Physics. Robert Purdy, PhD Mathematical Methods for Physics Using MATLAB and Maple. J. Claycomb, PhD The Special Theory of Relativity. Dennis Morris, PhD Computational Physics. Darren Walker, PhD Quantum Mechanics. Dennis Morris, PhD Basic Electromagnetic Theory. James Babington, PhD Physics Lab Experiments. Matthew M. J. French, PhD Newtonian Mechanics. Derek Raine, PhD Solid State Physics. David Schmool, PhD Multiphysics Modeling Using COMSOL5 and MATLAB. R. Pryor, PhD Radio Astronomy. S. Joardar, PhD Electrical Engineering Experiments. G.P. Chhalotra, PhD

Guide to FPGA Implementation of Arithmetic Functions - Jean-Pierre Deschamps 2012-04-02

This book is designed both for FPGA users interested in developing new, specific components - generally for reducing execution times -and IP core designers interested in extending their catalog of specific components. The main focus is circuit synthesis and the discussion shows, for example, how a given algorithm executing some complex function can be translated to a synthesizable circuit description, as well as which are the best choices the designer can make to reduce the circuit cost, latency, or power consumption. This is not a book on algorithms. It is a book that shows how to translate efficiently an algorithm to a circuit, using techniques such as parallelism, pipeline, loop unrolling, and others. Numerous

examples of FPGA implementation are described throughout this book and the circuits are modeled in VHDL. Complete and synthesizable source files are available for download.

Android Apps with Eclipse - Onur Cinar 2012-08-04

Eclipse is the most adopted integrated development environment (IDE) for Java programmers. And, now, Eclipse seems to be the preferred IDE for Android apps developers. Android Apps with Eclipse provides a detailed overview of Eclipse, including steps and the screenshots to help Android developers to quickly get up to speed on Eclipse and to streamline their day-to-day software development. This book includes the following: Overview of Eclipse fundamentals for both Java and C/C++ Development. Using Eclipse Android Development Toolkit (ADT) to develop, debug, and troubleshoot Android applications. Using Eclipse C/C++ Development Toolkit (CDT) in conjunction with Android Native Development Kit (NDK) to integrate, develop and troubleshoot native Android components through Eclipse.

PHP 4 Developer's Guide - Blake Schwendiman 2001

A definitive guide to the open source, HTML-embedded scripting language explains how to use PHP 4 for a wide range of application development projects, especially dynamic Web content, covering the latest features of PHP 4, as well as installation, configuration, database connectivity and management, debugging, and more. Original. (Intermediate/Advanced)

The Definitive Guide to GCC - Kurt Wall 2008-01-01

Besides covering the most recently released versions of GCC, this book provides a complete command reference, explains how to use the info online help system, and covers material not covered in other texts, including profiling, test coverage, and how to build and install GCC on a variety of operating system and hardware platforms. It also covers how to integrate with other GNU development tools, including automake, autoconf, and libtool.

Ruby Developers Guide - Syngress 2002-02-06

An expert guide to Ruby, a popular new Object-Oriented Programming Language Ruby is quickly becoming a favourite among developers who need a simple, straight forward, portable programming language. Ruby is ideal for quick and easy object-oriented programming such as processing text files or performing system management. Having been compared with other programming languages such as Perl, Python, PCL, Java, Eiffel, and C++; Ruby is popular because of its straight forward syntax and transparent semantics. Using step-by-step examples and real world applications, the Ruby Developer's Guide is designed for programmers and developer's looking to embrace the object-oriented features and functionality of this robust programming language. Readers will learn how to develop, implement, organize and deploy applications using Ruby. Ruby is currently experiencing a rapid rise in popularity in the object-oriented programming community Readers receive up-to-the minute links, white papers, and analysis for two years at solutions@syngress.com Comes with a wallet-sized CD containing a printable HTML version of the book, all of the source code examples and demos of popular Ruby third-party programming tools and applications *Extreme MINDSTORMS* - Dave Baum 2000-11-06

Five experts in Mindstorm programming present advanced techniques for building and programming robots using LEGO bricks and LEGO's RCX Code, presenting advanced sample projects and coverage of LegOS, pfForth, and sensor development.

Bioinformatics - Hamid D. Ismail 2022-03-23

Bioinformatics: A Practical Guide to NCBI Databases and Sequence Alignments provides the basics of bioinformatics and in-depth coverage of NCBI databases, sequence alignment, and NCBI Sequence Local Alignment Search Tool (BLAST). As bioinformatics has become essential for life sciences, the book has been written specifically to address the need of a large audience including undergraduates, graduates, researchers, healthcare professionals, and bioinformatics professors who need to use the NCBI databases, retrieve data from them, and use BLAST to find evolutionarily related sequences, sequence annotation, construction of phylogenetic tree, and the conservative domain of a protein, to name just a few. Technical details of alignment algorithms are explained with a minimum use of mathematical formulas and with graphical illustrations. Key Features Provides readers with the most-used bioinformatics knowledge of bioinformatics databases and alignments including both theory and application via illustrations and worked examples. Discusses the use of Windows Command Prompt, Linux shell, R, and Python for both Entrez

databases and BLAST. The companion website contains tutorials, R and Python codes, instructor materials including slides, exercises, and problems for students. This is the ideal textbook for bioinformatics courses taken by students of life sciences and for researchers wishing to develop their knowledge of bioinformatics to facilitate their own research.

Baseball Hacks - Joseph Adler 2006

This guide shows fantasy baseball fanatics--and those who love the game--how to get data, process it, and use it to truly understand baseball.

Windows Developer Power Tools - James Avery 2007

A wealth of open and free software is available today for Windows developers who want to extend the development environment, reduce development effort, and increase productivity. This encyclopedic guide explores more than 100 free and open source tools available to programmers who build applications for Windows desktops and servers.

NetBeans: The Definitive Guide - Tim Boudreau 2003

This is the authoritative reference for understanding and using the NetBeans Integrated Development Environment for creating new software with Java. Contains a detailed tutorial.

Spamassassin - Alistair McDonald 2004-09-27

Annotation In depth guide to implementing antispam solutions using SpamAssassin .Implement the right antispam solution for your network and your business requirements .Learn how to detect and prevent spam .Optimize SpamAssassin for all major mail servers and clients .Discover how to use SpamAssassin as a service Free to use, flexible, and effective, SpamAssassin has become the most popular Open Source antispam application. Its unique combination of power and flexibility make it the right choice. This book will now help you set up and optimize SpamAssassin for your network. As a system administrator, it's down to you to implement, configure and adapt SpamAssassin to fight the Spam War. Fortunately, in SpamAssassin you chose well. Its power and flexibility make it a potent tool. However you also know that any flexible application is only as good as how it's set up and configured. This book is a comprehensive guide to the features, options and implementation strategies you need to get the most of out SpamAssassin. This comprehensive and detailed guide answers all your SpamAssassin questions. You will learn about: .Spam detection and prevention .Installing and running SpamAssassin .Using Bayesian Filtering .Configuring mail clients .Rewriting spam messages .Integrating SpamAssassin with external services .Blacklisting and whitelisting .Increasing Performance .Using SpamAssassin as a service .Using SpamAssassin with Fetchmail, postfix, sendmail, Exim, Qmail, procmail .SpamAssassin rules.

Tivoli Storage Manager for Virtual Environments - Data Protection for VMware Deployment Guide - Julien Sauvanet 2013-11-25

This IBM® Redpaper™ publication helps you to install, tailor, configure, and use IBM Tivoli® Storage Manager for Virtual Environments - Data Protection for VMware. The features of Tivoli Storage Manager for Virtual Environments - Data Protection for VMware are described. Scenarios are provided for implementation of Tivoli Storage Manager Virtual Environment to protect virtual machines in several environments. This publication includes answers to common implementation errors and questions you might have that are related to the implementation of Data Protection for VMware.

Eclipse in Action - David Gallardo 2003-05

Provides a thorough guide to using Eclipse features and plugins effectively in the context of real-world Java development.

The Definitive Guide to Drupal 7 - Benjamin Melancon 2011-12-27

The Definitive Guide to Drupal 7 is the most comprehensive book for getting sites done using the powerful and extensible Drupal content management system. Written by a panel of expert authors, the book covers every aspect of Drupal, from planning a successful project all the way up to making a living from designing Drupal sites and to contributing to the Drupal community yourself. With this book you will: Follow practical approaches to solving many online communication needs with Drupal with real examples. Learn how to keep learning about Drupal: administration, development, theming, design, and architecture. Go beyond the code to engage with the Drupal community as a contributing member and to do Drupal sustainably as a business. The Definitive Guide to Drupal 7 was written by the following team of expert Drupal authors:

Benjamin Melançon, Jacine Luisi, Károly Négyesi, Greg Anderson, Bojhan Somers, Stéphane Corlosquet, Stefan Freudenberg, Michelle Lauer, Ed Carlevale, Florian Lorétan, Dani Nordin, Ryan Szrama, Susan Stewart, Jake Strawn, Brian Travis, Dan Hakimzadeh, Amye Scavarda, Albert Albala, Allie Micka, Robert Douglass, Robin Monks, Roy Scholten, Peter Wolanin, Kay VanValkenburgh, Greg Stout, Kasey Qynn Dolin, Mike Gifford, Claudina Sarahe, Sam Boyer, and Forest Mars, with contributions from George Cassie, Mike Ryan, Nathaniel Catchpole, and Dmitri Gaskin. For more information, check out the Drupaleasy podcast #63, in which author Benjamin Melançon discusses The Definitive Guide to Drupal 7 in great detail:

<http://drupaleasy.com/podcast/2011/08/drupaleasy-podcast-63-epic>

PostgreSQL - Korry Douglas 2003

"PostgreSQL" leads users through the internals of an open-source database. Throughout the book are explanations of data structures and algorithms, each backed by a concrete example from the actual source code. Each section contains information about performance implications, debugging techniques, and pointers to more information (on the Web and in book form).

Oracle Enterprise Manager 10g Grid Control Implementation Guide - Michael New 2007-12-22

Install and Configure Grid Control to Manage Your Oracle Landscape Build a robust grid computing infrastructure with guidance from an Oracle expert who developed and taught the Grid Control Deep Dive class to Oracle Consulting. Featuring real-world examples and best practices, Oracle Enterprise Manager 10g Grid Control Implementation Guide explains how to reliably and cost-effectively deploy a dynamic Grid Control environment. Learn how to lay the preinstallation groundwork, configure targets for monitoring, create services, implement security, and fine-tune performance. You'll also get full coverage of backup and recovery strategies and high-availability techniques. Prepare infrastructure hosts for Grid Control rollout Install the Oracle management repository, service, and agents Select the Grid Control installation options that fit your needs Discover and manage host, database, and application server targets Set target metrics and policies according to best practices Optimize performance and availability of your Grid Control framework Secure the Grid Control framework to protect data transmitted between components

OpenGL ES 3.0 Programming Guide - Dan Ginsburg 2014-02-28

OpenGL® ES™ is the industry's leading software interface and graphics library for rendering sophisticated 3D graphics on handheld and embedded devices. The newest version, OpenGL ES 3.0, makes it possible to create stunning visuals for new games and apps, without compromising device performance or battery life. In the OpenGL® ES™ 3.0 Programming Guide, Second Edition, the authors cover the entire API and Shading Language. They carefully introduce OpenGL ES 3.0 features such as shadow mapping, instancing, multiple render targets, uniform buffer objects, texture compression, program binaries, and transform feedback. Through detailed, downloadable C-based code examples, you'll learn how to set up and program every aspect of the graphics pipeline. Step by step, you'll move from introductory techniques all the way to advanced per-pixel lighting and particle systems. Throughout, you'll find cutting-edge tips for optimizing performance, maximizing efficiency with both the API and hardware, and fully leveraging OpenGL ES 3.0 in a wide spectrum of applications. All code has been built and tested on iOS 7, Android 4.3, Windows (OpenGL ES 3.0 Emulation), and Ubuntu Linux, and the authors demonstrate how to build OpenGL ES code for each platform. Coverage includes EGL API: communicating with the native windowing system, choosing configurations, and creating rendering contexts and surfaces Shaders: creating and attaching shader objects; compiling shaders; checking for compile errors; creating, linking, and querying program objects; and using source shaders and program binaries OpenGL ES Shading Language: variables, types, constructors, structures, arrays, attributes, uniform blocks, I/O variables, precision qualifiers, and invariance Geometry, vertices, and primitives: inputting geometry into the pipeline, and assembling it into primitives 2D/3D, Cubemap, Array texturing: creation, loading, and rendering; texture wrap modes, filtering, and formats; compressed textures, sampler objects, immutable textures, pixel unpack buffer objects, and mipmapping Fragment shaders: multitexturing, fog, alpha test, and user clip planes Fragment operations: scissor, stencil, and depth tests; multisampling, blending, and dithering Framebuffer objects: rendering to offscreen surfaces for advanced effects Advanced rendering: per-pixel lighting, environment mapping, particle systems, image post-processing, procedural textures, shadow mapping, terrain, and projective texturing Sync objects and fences: synchronizing within host application and GPU execution This

edition of the book includes a color insert of the OpenGL ES 3.0 API and OpenGL ES Shading Language 3.0 Reference Cards created by Khronos. The reference cards contain a complete list of all of the functions in OpenGL ES 3.0 along with all of the types, operators, qualifiers, built-ins, and functions in the OpenGL ES Shading Language.

Qooxdoo Beginner's Guide - Mohamed Raffi 2011-12-23

Annotation Over the past few years, all the major internet or enterprise applications are developed or migrated to Rich Internet Application to support all the features that are provided in the desktop applications. This helps organizations keep the end users happy and also improves application deployment and maintenance. qooxdoo is a stable, open source RIA framework. If you are waiting and watching for the right time to migrate your application to qooxdoo, this is the right time! This book explains in detail about the rich user interface development in qooxdoo. It explains various concepts of qooxdoo framework in an easy to grasp and organized way, making it simple even for a novice in qooxdoo and also increases the competency level of the developer who is already working in qooxdoo. This book helps developers understand the qooxdoo framework, setup the environment, and start the development of RIA using qooxdoo. You will learn the core programming techniques in qooxdoo, user interface development in qooxdoo, testing & debugging qooxdoo applications, internationalization of qooxdoo applications to multiple languages, customizing the look and feel of qooxdoo applications using Themes, Performance management, etc. In the course of the book, we develop a complete application which will help the developer to understand the concepts better and to put things together to see the step-by-step progress to complete an application. By the end, this book will get the developer accustomed to the widgets and API available in the qooxdoo framework, and will enable him to design, develop, debug, and test the RIA in qooxdoo. This book will take you through the various design and implementation concepts using qooxdoo. It helps you to develop Rich Internet Applications (RIA). qooxdoo 1.2 and qooxdoo1.4 are used to write this book.

Android NDK: Beginner's Guide - Second Edition - Sylvain Ratabouil 2015-04-28

Are you an Android Java programmer who needs more performance? Are you a C/C++ developer who doesn't want to bother with the complexity of Java and its out-of-control garbage collector? Do you want to create fast intensive multimedia applications or games? If you've answered yes to any of these questions then this book is for you. With some general knowledge of C/C++ development, you will be able to dive headfirst into native Android development.

WRITE YOUR FIRST PROGRAM - AMIT SAHA 2013-04-25

This introductory book on programming introduces computer programming using C and Python programming languages on Microsoft Windows and Linux operating systems to beginners. The book assumes no familiarity with programming and teaches the basics of programming to its readers. It helps the readers to write programs to solve problems in computer science, finance, mathematics and physics. Unlike other introductory guides to programming, Write Your First Program focuses on the exact information that beginners are required to apply while creating practical programs. The book is organized in eight chapters-with each chapter introducing a major programming topic, focusing on the concepts and then implementing them in both the languages. This book will teach you to write your first program and progress on to concepts such as working with data, decision making, persistent data storage and implementing mathematical operations. Apart from programming, the book also discusses version control systems and open source projects. The aim of the book is to focus on the programming logic, and then see how the logic can be implemented using two different languages. Thus, it helps the readers to learn two vastly different ways of programming. This book is intended for all those who are interested to learn/sharpen their programming skills. Companion Website The website for this book (www.phindia.com/saha) is an integral part of the book where you will find: • Extended treatment of certain topics • Additional tips and tutorials • Questions and comments page

OpenJDK Cookbook - Alex Kasko 2015-01-30

If you are an experienced Java developer using Java 7 platform and want to get your grips on OpenJDK for Java development, this is the book for you. JDK users who wish to migrate to OpenJDK will find this book very useful.

IBM i2 Integrated Law Enforcement: Technical Architecture and Deployment Guide - Wil Jamison

2014-11-17

IBM® i2® Integrated Law Enforcement is an IBM Smarter Cities® solution that addresses the needs of modern-day law enforcement agencies. It is a solution framework that provides the individual capabilities of the products that comprise the solution and extended capabilities developed through the synergistic integration of those product components. As a framework, IBM i2 Integrated Law Enforcement allows for the continuous expansion of capabilities by putting together building blocks within the system and integrating with new, external systems. In doing so, an organization can respond and adapt to its changing needs. Simply stated, the configuration, integration, and implementation of IBM i2 Integrated Law Enforcement and its components provide the tools for more effective law enforcement. This IBM Redpaper™ publication explains the technology and the architecture on which the solution is built. Most importantly, this paper enables technical teams to install, configure, and deploy an instance of the i2 Integrated Law Enforcement solution using the product i2 Intelligent Law Enforcement V1.0.1. This paper is targeted to solution architects, system and deployment engineers, security specialists, data management experts, system analysts, software developers and test engineers, and system administrators. Readers of this paper will benefit from the IBM Redguide™ publication "Integrated Law Enforcement: A Holistic Approach to Solving Crime", REDP-5116.

Linux Networking Cookbook - Carla Schroder 2007-11-26

This soup-to-nuts collection of recipes covers everything you need to know to perform your job as a Linux network administrator, whether you're new to the job or have years of experience. With Linux Networking Cookbook, you'll dive straight into the gnarly hands-on work of building and maintaining a computer network. Running a network doesn't mean you have all the answers. Networking is a complex subject with reams of reference material that's difficult to keep straight, much less remember. If you want a book that lays out the steps for specific tasks, that clearly explains the commands and configurations, and does not tax your patience with endless ramblings and meanderings into theory and obscure RFCs, this is the book for you. You will find recipes for: Building a gateway, firewall, and wireless access point on a Linux network Building a VoIP server with Asterisk Secure remote administration with SSH Building secure VPNs with OpenVPN, and a Linux PPTP VPN server Single sign-on with Samba for mixed Linux/Windows LANs Centralized network directory with OpenLDAP Network monitoring with Nagios or MRTG Getting acquainted with IPv6 Setting up hands-free networks installations of new systems Linux system administration via serial console And a lot more. Each recipe includes a clear, hands-on solution with tested code, plus a discussion on why it works. When you need to solve a network problem without delay, and don't have the time or patience to comb through reference books or the Web for answers, Linux Networking Cookbook gives you exactly what you need.

Linux and Windows Interoperability Guide - Ed Bradford 2002

Up-to-the-minute coverage includes Windows 2000 and Windows XP. Includes practical Linux/Windows network design and implementation solutions. Covers a wide range of interoperability issues including Internet/intranet, TCP/IP, dial-up access, software, backup/restore, security, and file/print.

SSH, The Secure Shell: The Definitive Guide - Daniel J. Barrett 2005-05-10

Are you serious about network security? Then check out SSH, the Secure Shell, which provides key-based authentication and transparent encryption for your network connections. It's reliable, robust, and reasonably easy to use, and both free and commercial implementations are widely available for most operating systems. While it doesn't solve every privacy and security problem, SSH eliminates several of them very effectively. Everything you want to know about SSH is in our second edition of SSH, The Secure Shell: The Definitive Guide. This updated book thoroughly covers the latest SSH-2 protocol for system administrators and end users interested in using this increasingly popular TCP/IP-based solution. How does it work? Whenever data is sent to the network, SSH automatically encrypts it. When data reaches its intended recipient, SSH decrypts it. The result is "transparent" encryption-users can work normally, unaware that their communications are already encrypted. SSH supports secure file transfer between computers, secure remote logins, and a unique "tunneling" capability that adds encryption to otherwise insecure network applications. With SSH, users can freely navigate the Internet, and system administrators can secure their networks or perform remote administration. Written for a wide, technical audience, SSH,

The Secure Shell: The Definitive Guide covers several implementations of SSH for different operating systems and computing environments. Whether you're an individual running Linux machines at home, a corporate network administrator with thousands of users, or a PC/Mac owner who just wants a secure way to telnet or transfer files between machines, our indispensable guide has you covered. It starts with simple installation and use of SSH, and works its way to in-depth case studies on large, sensitive computer networks. No matter where or how you're shipping information, SSH, The Secure Shell: The Definitive Guide will show you how to do it securely.

Body Sensor Networks - Guang-Zhong Yang 2007-12-05

This book addresses the issues of the rapidly changing field of wireless wearable and implantable sensors.

It also discusses the latest technological developments and clinical applications of body-sensor networks (BSN). BSN is a new area of research and the last decade has seen a rapid surge of interest. The book also provides a review of current wireless sensor development platforms and a guide to developing your own BSN applications.

Lab Manual for Dean's Network+ Guide to Networks, 6th - Todd Verge 2012-09-12

The lab manual provides the hands-on instruction necessary to prepare for the certification exam and succeed as a network administrator. Designed for classroom or self-paced study, labs complement the book and follow the same learning approach as the exam. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.