

Berkeley Db Documentation

We can all be Linux experts, provided we invest the time in learning the craft of Linux administration. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Authors, and systems infrastructure experts James Turnbull, Peter Lieverdink, and Dennis Matotek take a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. If you want to implement a SOHO or SMB Linux infrastructure, Pro Linux System Administration clearly demonstrates everything you need. You'll find this book also provides a solid framework to move forward and expand your business and associated IT capabilities, and you'll benefit from the expertise and experienced guidance of the authors. Pro Linux System Administration covers An introduction to using Linux and free and open source software to cheaply and efficiently manage your business A layered model that allows your infrastructure to grow with your business Easy and simple-to-understand instructions including configurations, examples, and extensive real-world hints and tips

Lucene, LingPipe, and Gate are popular open source tools to build powerful search applications. Building Search Applications describes functions from Lucene that include indexing, searching, ranking, and spelling correction to build search engines. With this book you will learn to: Extract tokens from text using custom tokenizers and analyzers from Lucene, LingPipe, and Gate. Construct a search engine index with an optional backend database to manage large document collections. Explore the wide range of Lucene queries to search an index, understand the ranking algorithm for a query, and suggest spelling corrections. Find the names of people, places, and other entities in text using LingPipe and Gate. Categorize documents by topic using classifiers and build groups of self-organized documents using clustering algorithms from LingPipe. Create a Web crawler to scan the Web, Intranet, or desktop using Nutch. Track the sentiment of articles published on the Web with LingPipe.

Portable, powerful, and a breeze to use, Python is the popular open source object-oriented programming language used for both standalone programs and scripting applications. It is now being used by an increasing number of major organizations, including NASA and Google. Updated for Python 2.4, The Python Cookbook, 2nd Edition offers a wealth of useful code for all Python programmers, not just advanced practitioners. Like its predecessor, the new edition provides solutions to problems that Python programmers face everyday. It now includes over 200 recipes that range from simple tasks, such as working with dictionaries and list comprehensions, to complex tasks, such as monitoring a network and building a templating system. This revised version also includes new chapters on topics such as time, money, and metaprogramming. Here's a list of additional topics covered: Manipulating text Searching and sorting Working with files and the filesystem Object-oriented programming Dealing with threads and processes System administration Interacting with databases Creating user interfaces Network and web programming Processing XML Distributed programming Debugging and testing Another advantage of The Python Cookbook, 2nd Edition is its trio of authors--three well-known Python programming experts, who are highly visible on email lists and in newsgroups, and speak often at Python conferences. With scores of practical examples and pertinent background information, The Python Cookbook, 2nd Edition is the one source you need if you're looking to build efficient, flexible, scalable, and well-integrated systems.

New Directions in Web Data Management 1

Perl, CGI, and JavaScript Complete

Python Cookbook

Programming Perl

Databases in Networked Information Systems

Explains how to use the computer language to write DBI-based programs while offering an overview of DBI architecture and a description of different database-independent packages.

A guide to the programming language covers syntax, functions, operators, standard library modules, references, complex data structures, debugging, and program security

In the digital age, technological solutions are being developed and integrated into every aspect of our everyday lives. The ever-changing scope of research in systems and software advancements allows for further improvements and applications. *Systems and Software Development, Modeling, and Analysis: New Perspectives and Methodologies* presents diverse, interdisciplinary research on topics pertaining to the management, integration, evaluation, and architecture of modern computational systems and software. Presenting the most up-to-date research in this rapidly evolving field, this title is ideally designed for use by computer engineers, academicians, graduate and post-graduate students, and computer science researchers.

Second International Workshop, DNIS 2002, Aizu, Japan, December 16-18, 2002, Proceedings

InfoWorld

47th International Conference, TOOLS EUROPE 2009, Zurich, Switzerland, June 29-July 3, 2009, Proceedings

Putting Directories to Work

Written by members of the development team that maintains Subversion, this is the official guide and reference manual for the popular open source revision control technology. The new edition covers Subversion 1.5 with a complete introduction and guided tour of its capabilities, along with best practice recommendations. Version Control with Subversion is useful for people from a wide variety of backgrounds, from those with no previous version control experience to experienced system administrators. Subversion is the perfect tool to track individual changes when several people collaborate on documentation or, particularly, software development projects. As a more powerful and flexible successor to the CVS revision control system, Subversion makes life so much simpler, allowing each team member to work separately and then merge source code changes into a single repository that keeps a record of each separate version. Inside the updated edition *Version Control with Subversion*, you'll find: An introduction to Subversion and basic concepts behind version control A guided tour of the capabilities and structure of Subversion 1.5 Guidelines for installing and configuring Subversion to manage programming, documentation, or any other team-based project Detailed coverage of complex topics such as branching and repository administration Advanced features such as properties, externals, and access control A guide to best practices Complete Subversion reference and troubleshooting

guide If you've never used version control, you'll find everything you need to get started. And if you're a seasoned CVS pro, this book will help you make a painless leap into Subversion. This is the official guide and reference manual for Subversion 1.6 - the popular open source revision control technology.

* Offers a simple and universal cross-platform solution for e-commerce, complex web, and database-driven applications. * A resource for working PHP developers who want to take their skills to the next level. Includes case studies on a user privilege system and a multi-tiered WML-based shopping cart. * Covers installation on *nix, Windows, and MacOS X, PHP with PostgreSQL and ODBC, PHP support for LDAP, PHP with MySQL, PHP's interactions with XML, multi-tiered development using PHP, and PHP extension libraries

Python Essential Reference

Foundations of Information and Knowledge Systems

Professional Linux Programming

Professional PHP4

Perl Resource Kit: Perl module reference

Python Essential Reference, 3rd Edition, is a comprehensive reference to the Python programming language. The focus of this latest edition is to add coverage of significant new features and new library modules added to the language over the past five years. Clearly written with concise organization, the new features covered include new style classes, unification of types and classes, xmlrpclip, intertools, bz2 and optparse, making it the most up-to-date Python book on the market.

This book addresses the major issues in the Web data management related to technologies and infrastructures, methodologies and techniques as well as applications and implementations. Emphasis is placed on Web engineering and technologies, Web graph managing, searching and querying and the importance of social Web.

This book constitutes the refereed proceedings of the 11th International Conference of the Italian Association for Artificial Intelligence, AI*IA 2009, held in Reggio Emilia, Italy, in December 2009. The 50 revised full papers presented together with 3 invited talks were carefully reviewed and selected from 83 submissions. The papers are organized in topical sections on knowledge representation and reasoning, machine learning, evolutionary

computation, search, natural language processing, multi-agent systems and application.

Kicking the Hornet's Nest: The Complete Writings, Emails, and Forum Posts of Satoshi

Nakamoto, the Founder of Bitcoin and Cryptocurrency

... USENIX Annual Technical Conference

Python in a Nutshell

Subversion 1.6 Official Guide

Pro Linux System Administration

Berkeley DBSams Publishing

Gain the essential skills and hands-on expertise required to pass the LPIC-3 300 certification exam. This book provides the insight for you to confidently install, manage and troubleshoot OpenLDAP, Samba, and FreeIPA. Helping you to get started from scratch, this guide is divided into three comprehensive sections covering everything you'll need to prepare for the exam. Part 1 focuses on OpenLDAP and topics including securing the directory, integration with PAM and replication. Part 2 covers Samba and teaches you about Samba architecture, using different back ends, print services, and deploying Samba as a stand-alone server, PDC, and Active Directory Domain Controller. Finally, Part 3 explains how to manage FreeIPA and how to integrate it with Active Directory. Practical LPIC-3 300 is the perfect study guide for anyone interested in the LPIC-3 300 certification exam, OpenLDAP, Samba, or FreeIPA. What You'll Learn Integrate LDAP with PAM and NSS, and with Active Directory and Kerberos Manage OpenLDAP replication and server performance tuning Use Samba as a PDC and BDC Configure Samba as a domain member server in an existing NT domain Use Samba as an AD Compatible Domain Controller Replicate, manage, and integrate FreeIPA Who This Book Is For This book is for anyone who is preparing for the LPIC-3 300 exam, or those interested in learning about OpenLDAP and Samba in general.

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.

*AI*IA 2009: Emergent Perspectives in Artificial Intelligence*

XIth International Conference of the Italian Association for Artificial Intelligence, Reggio Emilia, Italy, December 9-12, 2009, Proceedings

Proceedings of the FREENIX Track

Lucene, LingPipe, and Gate

Programming the Perl DBI

This book teaches the basics of XML with an original approach, using real-world examples from an interesting (and operating) environment with broad applicability. It covers the full spectrum of Berkeley DB XML tools, including the command-line shell, transactions, rollbacks, replication, archiving and monitoring. Techniques and concepts that have broad applicability outside of the subject matter are skillfully explained: XML, XPath, XQuery, XML schemas, all industry-standard technologies that find one of their best tutorial treatments, and all in the context of a simple database solution. The book also presents a remarkable example of query power.

Install, Configure, Build, and Integrate Secure Directory Services with OpenLDAP server in a networked environment

Small, special-purpose computing devices and high-end core Internet servers need fast, reliable database management. Berkeley DB is an embedded database that provides high-performance, scalable, transaction-protected and recoverable data management services to applications.

Extremely portable, this library runs under almost all UNIX and Windows variants, as well as a number of embedded, real-time operating systems. Berkeley DB is the ultimate resource for the world's most widely deployed embedded database engine. This book will aid software architects and engineers, product managers, and systems and network administrators without the overhead imposed by other database products. Designed by programmers for programmers, this classic library style toolkit provides a broad base of functionality to application writers. This book will help you to make intelligent choices about when and how to use Berkeley DB to meet your needs. You can visit the Sleepycat website to get the latest errata for this book. NOTE: The first printing of this book contained an error in the table of contents that caused the page numbers to be off. This will be corrected in the second printing. If you have an earlier edition, you can download a pdf of the correct table of contents that you can print out and use with your book. If you have any questions, please feel free to contact the editor of this book at stephanie.wall@newriders.com.

Core reference documentation

Programming with SQL Server 2005, Oracle, and MySQL

Systems and Software Development, Modeling, and Analysis: New Perspectives and Methodologies

Professional ADO.NET 2

Linux Networking Cookbook

Demonstrates the programming language's strength as a Web development tool, covering syntax, data types, built-ins, the Python standard module library, and real world examples.

This book constitutes the refereed proceedings of the 12th International Symposium on Foundations of Information and Knowledge Systems, FoIKS 2022, held in Helsinki, Finland, in June 2022. The 13 full papers presented were carefully reviewed and selected from 21 submissions. The papers address various topics such as information and knowledge systems, including submissions that apply ideas, theories or methods from specific disciplines to information and knowledge systems. Examples of such disciplines are discrete mathematics, logic and algebra, model theory, databases, information theory, complexity theory, algorithmics and computation, statistics and optimization.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Building Search Applications

Version Control with Subversion

Berkeley DB

New Perspectives and Methodologies

Practical Subversion

This book constitutes the refereed proceedings of the Second International Workshop on Databases in Networked Information Systems, DNIS 2002, held in Aizu, Japan in December 2002. The 16 revised full papers presented with five invited papers were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on information interchange and management systems, Web data management systems, data management systems,

networked information systems applications, and networked information systems implementations.

** Gets right to what you need to know; Covers advanced topics not documented in other books. * Eases transition from other Version Control systems. * Explains how to integrate Subversion with common development tools; Shows you how to embed Subversion in your own programs. * Rooney is one of the Subversion developers.*

ADO.NET revolutionized the way data was accessed through SQL Server, Oracle, and MySQL. With Microsoft's release of ADO.NET 2, ADO and the .NET Framework are integrated with SQL Server for the first time-enabling you to program .NET applications directly within the SQL Server database. Packed with sample code and recommended best practices for using ADO.NET 2, this code-intensive book explores the new data types that are available in the 2.0 Framework and discusses the appropriate time and way to use them. You'll learn how to make repetitive, mundane tasks much simpler and you'll walk away with a solid foundation for developing database-driven applications. What you will learn from this book The basics of creating a connection, executing a query, and returning a result Best uses for Oracle in the ADO.NET Framework The many new features that are available for XML How to use the full text search capabilities of Microsoft(r) SQL Server 2005 Methods for retrieving data and presenting it in various ways Why MySQL is a viable option for data storage Who this book is for This book is for experienced database developers who want to learn the latest release of ADO.NET 2.0. Knowledge of ADO.NET 1.0, general .NET development, and Microsoft SQL Server is necessary. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Open Source software ve veřejné správě a soukromém sektoru

Database Programming with Perl

Prepare for the Highest Level Professional Linux Certification

Objects, Components, Models and Patterns

Practical LPIC-3 300

This book constitutes the thoroughly refereed proceedings of the 47th International Conference on Objects, Components, Models and Patterns, TOOLS EUROPE 2009, held in Zurich, Switzerland, in June/July 2009. TOOLS has played a major role in the spread of object-oriented and component technologies. It has now broadened its scope beyond the original topics of object technology and component-based development to encompass all modern, practical approaches to software development. At the same time, TOOLS has kept its traditional spirit of technical excellence, its acclaimed focus on practicality, its well-proven combination of theory and applications, and its reliance on the best experts from academia and industry. The 17 regular papers and two short papers presented in this book, together with two invited papers, were carefully reviewed and selected from

67 submissions. The topics covered in this volume are reflection and aspects, models, theory, components, monitoring, and systems generation.

SICStus Prolog is the de-facto standard industrial Prolog programming environment. With more than 25 years in fielded applications, it has a proven track record of a robust, scalable and efficient system. It is widely used for commercial applications as well as in research and education. This book edition contains the core reference documentation of SICStus Prolog release 4.3.0. SICStus Prolog complies with the ISO Prolog standard, IPv4, IPv6, and Unicode 5.0. It is interoperable with C, C++, .NET, Java, Tcl/Tk, Berkeley DB, ODBC, XML, MiniZinc, and more. It ships with a comprehensive library of modules for abstract data types, program development, operating system and file system access, processes, sockets, constraint solvers, and more. SICStus Prolog compiles to a virtual machine (WAM), emulated by efficient C code and compiled just-in-time to native code for x86-based platforms. Tools provide deployment to stand-alone, all-in-one-file, and embedded applications. The Eclipse-based development environment SPIDER provides semantics-aware editing support, static analysis tools, source-linked debugging, tracking variable bindings, profiling, code coverage, backtraces, call hierarchies, and more.

The Berkeley DB Book is intended to be a practical guide to the intricacies of Berkeley DB; an in-depth analysis of the complex design issues which are often covered in terse footnotes in the dense Berkeley DB reference manual. It explains the technology at a higher level and also covers the internals with generous code and design examples. Berkeley DB is becoming the database of choice for appliance makers and for in memory cache of large scale applications like search engines and high traffic web sites.

LDAP System Administration

Configuring, Securing, and Integrating Directory Services

From Asterisk to Zebra with Easy-to-Use Recipes

12th International Symposium, FoKS 2022, Helsinki, Finland, June 20–23, 2022, Proceedings

Next Generation Open Source Version Control

An unbeatable value--1,000 pages of complete coverage of the key non-Microsoft technologies for building interactive Web sites, for only \$19.99. Includes complete references to Perl commands and modules, plus a JavaScript object reference. There's no other book on the market that covers Perl, CGI, and JavaScript in one volume for this price.

Be more productive and make your life easier. That's what LDAP System Administration is all about. System administrators often spend a great deal of time managing configuration information located on many different mach

usernames, passwords, printer configurations, email client configurations, and network filesystem configurations, to a few. LDAPv3 provides tools for centralizing all of the configuration information and placing it under your control. Rather than maintaining several administrative databases (NIS, Active Directory, Samba, and NFS configuration files), you can make changes in only one place and have all your systems immediately "see" the updated information. Practically platform independent, this book uses the widely available, open source OpenLDAP 2 directory server as a premise for examples, showing you how to use it to help you manage your configuration information effectively and securely. OpenLDAP 2 ships with most Linux® distributions and Mac OS® X, and can be easily downloaded for most Unix-based systems. After introducing the workings of a directory service and the LDAP protocol, all aspects of building and installing OpenLDAP, plus key ancillary packages like SASL and OpenSSL, this book discusses: Configuration and access control Distributed directories; replication and referral Using OpenLDAP to replace NIS Using OpenLDAP to manage email configurations Using LDAP for abstraction with FTP and HTTP servers, Samba, and Radius Interoperating with different LDAP servers, including Active Directory Programming using Net::LDAP If you want to be a master of your domain, LDAP System Administration will help you get up and running quickly regardless of which LDAP version you use. After reading this book, even with no previous LDAP experience, you'll be able to integrate a directory server into essential network services such as mail, DNS, HTTP, and SMB/CIFS.

This book is broken into four primary sections addressing key topics that Linux programmers need to master: Linux and bolts, the Linux kernel, the Linux desktop, and Linux for the Web Effective examples help get readers up to speed with building software on a Linux-based system while using the tools and utilities that contribute to streamlining the software development process Discusses using emulation and virtualization technologies for kernel development and application testing Includes useful insights aimed at helping readers understand how their applications code fits in with the rest of the software stack Examines cross-compilation, dynamic device insertion and removal, key Linux projects (such as Project Utopia), and the internationalization capabilities present in the GNOME desktop

The Definitive Guide to Berkeley DB XML

SICStus Prolog User's Manual 4.3

The Berkeley DB Book

Mastering OpenLDAP