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The Definitive Guide to Apache mod_rewrite

Apress * The Definitive Guide to Apache mod_rewrite is the first book devoted to mastering mod_rewrite, Apache's most powerful (and confusing) module. * It is authored by noted Apache expert and Apache Software Foundation member Rich Bowen, who draws on several years of extensive experience administering the Apache server as well as speaking and writing regularly on the topic. * This book covers all matters pertinent to mod_rewrite: installation and configuration, basic and conditional rewrites, access control, maintaining virtual hosts, and proxying.

The Definitive Guide to Apache mod_rewrite

Apress Organizing websites is highly dynamic and often chaotic. Thus, it is crucial that host web servers manipulate URLs in order to cope with temporarily or permanently relocated resources, prevent attacks by automated worms, and control resource access. The Apache mod_rewrite module has long inspired fits of joy because it offers an unparalleled toolset for manipulating URLs. The Definitive Guide to Apache mod_rewrite guides you through configuration and use of the module for a variety of purposes, including basic and conditional rewrites, access control, virtual host maintenance, and proxies. This book was authored by Rich Bowen, noted Apache expert and Apache Software Foundation member, and draws on his years of experience administering, and regular speaking and writing about, the Apache server. Table of Contents An Introduction to mod_rewrite Regular Expressions Installing and Configuring mod_rewrite The RewriteRule Directive The RewriteCond Directive The RewriteMap Directive Basic Rewrites Conditional Rewrites Access Control Virtual Hosts Proxying Debugging

Apache: The Definitive Guide

The Definitive Guide, 3rd Edition

"O'Reilly Media, Inc." Apache is far and away the most widely used web server platform in the world. This versatile server runs more than half of the world's existing web sites. Apache is both free and rock-solid, running more than 21 million web sites ranging from huge e-commerce operations to corporate intranets and smaller hobby sites. With this new third edition of Apache: The Definitive Guide, web administrators new to Apache will come up to speed quickly, and experienced administrators will find the logically organized, concise reference sections indispensable, and system programmers interested in customizing their servers will rely on the chapters on the API and Apache modules. Updated to cover the changes in Apache's latest release, 2.0, as well as Apache 1.3, this useful guide discusses how to obtain, set up, secure, modify, and troubleshoot the Apache software on both Unix and Windows systems. Dozens of clearly written examples provide the answers to the real-world issues that Apache administrators face everyday. In addition to covering the installation and configuration of mod_perl and Tomcat, the book examines PHP, Cocoon, and other new technologies that are associated with the Apache web server. Additional coverage of security and the Apache 2.0 API make Apache: The Definitive Guide, Third Edition essential documentation for the world's most popular web server.

The Definitive Guide to Django Web Development Done Right

Apres This latest edition of *The Definitive Guide to Django* is updated for Django 1.1, and, with the forward-compatibility guarantee that Django now provides, should serve as the ultimate tutorial and reference for this popular framework for years to come. Django, the Python-based equivalent to Ruby's Rails web development framework, is one of the hottest topics in web development today. Lead developer Jacob Kaplan-Moss and Django creator Adrian Holovaty show you how they use this framework to create award-winning web sites by guiding you through the creation of a web application reminiscent of ChicagoCrime.org. *The Definitive Guide to Django* is broken into three parts, with the first introducing Django fundamentals such as installation and configuration, and creating the components that together power a Django-driven web site. The second part delves into the more sophisticated features of Django, including outputting non-HTML content such as RSS feeds and PDFs, caching, and user management. The appendixes serve as a detailed reference to Django's many configuration options and commands.

The Definitive Guide to Plone

Apres * McKay is a member of Plone's core development team—defining *The Expert's Voice in Open Source*. * Author's web site ZopeZen.org is a site dedicated to Zope-based applications and will plug book on the site. * Python programmers are a growing community and this will be the only up-to-date book on Plone for programmers. * For the latest information on Plone and the latest developments, visit: <http://plone.org>.

The Definitive Guide to symfony

Apres This book, authored by project and documentation leads Fabien Potencier and François Zaninotto, serves as a complete guide to all aspects of Symfony. Readers are guided through fundamental concepts such as installation, configuration, and security, followed by thorough discussion of advanced concepts such as scaffolding, routing, caching, and internationalization. Bundled with numerous tools for helping document, debug, and test your applications, and developed in a manner encouraging agile development principles, Symfony is sparking the imagination of thousands of developers around the globe.

The Apache Modules Book

Application Development with Apache

Prentice Hall Professional "Do you learn best by example and experimentation? This book is ideal. Have your favorite editor and compiler ready—you'll encounter example code you'll want to try right away. You've picked the right book—this is sure to become the de facto standard guide to writing Apache modules." -Rich Bowen, coauthor, *Apache Administrators Handbook*, *Apache Cookbook*, and *The Definitive Guide to Apache mod_rewrite* "A first-rate guide to getting the most out of Apache as a modular application platform—sure to become a must-read for any Apache programmer, from beginner to experienced professional. It builds up carefully and meticulously from the absolute basics, while including chapters on everything from the popular Apache DBD Framework to best practices, security, and debugging." -Noirin Plunkett, documentation committer to the Apache httpd project, and member of the ASF conference committee *The Only Comprehensive Guide to Developing Apache 2.x Modules and Applications* Apache is more than the world's most popular Web server—it's also an extraordinarily powerful and extensible development platform. Now, ApacheTutor.org's Nick Kew has written *The Apache Modules Book*, the first start-to-finish, example-rich guide for every developer who wants to make the most of Apache. Kew begins with detailed, accessible introductions to Apache's architecture and API, then illuminates all the techniques you'll need, from request processing through code security. He brings together the best of both worlds: powerful C-based techniques for accomplishing tasks Perl or PHP can't handle, implemented with tools that deliver all the productivity you'd expect from higher-level languages. Utilizing realistic code samples, Kew

introduces techniques documented in no other book-and, often, nowhere else at all. Coverage includes Using Apache Portable Runtime (APR) to streamline C development and avoid its pitfalls Leveraging Apache DBD to build applications far more scalable than classic LAMP software Working with the latest Apache 2.x features: filter modules, XML support, and smart proxies Mastering best practices, from thread safety to multi-platform development Utilizing the Apache Authentication Framework Tracing and debugging problems in both Apache and your custom modules Foreword Preface Acknowledgments About the Author Chapter 1 Applications Development with Apache Chapter 2 The Apache Platform and Architecture Chapter 3 The Apache Portable Runtime Chapter 4 Programming Techniques and Caveats Chapter 5 Writing a Content Generator Chapter 6 Request Processing Cycle and Metadata Handlers Chapter 7 AAA: Access, Authentication, and Authorization Chapter 8 Filter Modules Chapter 9 Configuration for Modules Chapter 10 Extending the API Chapter 11 The Apache Database Framework Chapter 12 Module Debugging Appendix A Apache License Appendix B Contributor License Agreements Appendix C Hypertext Transfer Protocol: HTTP/1.1 Index About the Web Site ApacheTutor.org contains code examples from the book, all designed for easy use and integration into existing applications.

The Definitive Guide to Django

Web Development Done Right

Apress Django, the Python-based Web development framework, is one of the hottest topics in Web development today. Its creator (and co-author of this book) Adrian Holovaty has built a compelling array of Web applications using Django, including <http://chicagocrime.org>. Django creator Adrian Holovaty and lead developer Jacob Kaplan-Moss have created this book as the definitive guide to the technology. Beginning with fundamentals such as installation and configuration, the book tackles sophisticated features of Django, such as outputting non-HTML content such as RSS feeds and PDFs, caching, and user management. Also includes a detailed reference to Django's many configuration options and commands.

How to SEO - The definitive guide after 10 years of SEO

Youcanprint This innovative guide will take you on a journey through SEO (Search Engine Optimization) from A to Z. The text is based on updated examples faithfully reported from the experiences with the 100 sites built by the Italian author Federico Magni, Senior SEO Specialist for about 10 years, and now founder of the SEOProf.it platform. Failures and successes on Google are told by analyzing not only the keyword and link building concepts, but also by focusing on the latest SEO strategies to place your site on search engines for a given keyword. In addition to practical suggestions and a bit of theory, you will find the experiences, the case studies verified in the European market, and the situations experienced by the author during his daily work in SEO, with concrete numbers and data. Written in a very clear and simple way, this SEO course is ideal for those who already know the subject, but also for those who have recently approached it. Recommended for the beginner who wants to start in the best way, but also for those who have a more advanced level and want to improve their skills for a professional growth. It's not a cold reading of false myths, tricks, or outdated content about SEO, but it's a book that gets straight to the point.

Apache

The Definitive Guide

"O'Reilly Media, Inc." Describes the history of the Web server platform and covers downloading and compiling, configuring and running the program on UNIX, writing specialized modules, and establishing security routines.

The Definitive Guide to the Coldbox Platform: Version 2.6.3

Ortus Solutions ColdBox is an event-driven convention based ColdFusion Development Platform. It provides you with a set of reusable code and tools that you can use to increase your development productivity, and it provides you with a development standard when working in a team environment. ColdBox is comprehensive and modular which helps you address most infrastructure concerns of typical ColdFusion applications. It also goes places that other frameworks don't.

Ajax and REST Recipes

A Problem-Solution Approach

Apress Ajax is one of the hottest new methodologies on the web, but it requires a lot of coding, and there are some inherent problems with Ajax applications. This book offers more than 50 adaptable recipes for common tasks using Ajax, DOM Scripting, and REST techniques, saving hours of development time. These provide complete solutions for form validation, drag and drop functionality, data sorting, data presentation techniques, application architecture, debugging, performance enhancements, server-side techniques for web services, and much more. The book makes use of REST and other design patterns, and many popular JavaScript libraries, focusing is on efficiency, optimization and reusability.

What's New in Apache Web Server 2.2?

"O'Reilly Media, Inc." What's New in Apache Web Server 2.2? shows you all the new features you'll know to set up and administer the Apache 2.2 web server. Learn how to take advantage of its improved caching, proxying, authentication, and other improvements in your Web 2.0 applications.

Tomcat: The Definitive Guide

The Definitive Guide

"O'Reilly Media, Inc." It takes a book as versatile as its subject to cover Apache Tomcat, the popular open source Servlet and JSP container and high performance web server. Tomcat: The Definitive Guide is a valuable reference for administrators and webmasters, a useful guide for programmers who want to use Tomcat as their web application server during development or in production, and an excellent introduction for anyone interested in Tomcat. Updated for the latest version of Tomcat, this new edition offers a complete guide to installing, configuring, maintaining and securing this servlet container. In fact, with such a wealth of new information, this is essentially a new book rather than a simple revision. You will find details for using Tomcat on all major platforms, including Windows, Linux, OS X, Solaris, and FreeBSD, along with specifics on Tomcat configuration files, and step-by-step advice for deploying and running web applications. This book offers complete information for: Installation and startup procedures Configuring Tomcat-including realms, roles, users, servlet sessions, and JNDI resources including JDBC DataSources Deploying web applications-individual servlets and JSP pages, and web application archive files Tuning Tomcat to measure and improve performance Integrating Tomcat with Apache Web Server Securing Tomcat to keep online thugs at bay Tomcat configuration files-server.xml and web.xml, and more Debugging and Troubleshooting-diagnosing problems with Tomcat or a web application Compiling your own Tomcat, rather than using the pre-built release Running two or more Tomcat servlet containers in parallel This book also offers an overview of the Tomcat open source project's community resources, including docs, mailing lists, and more. Community interest fueled a strong demand for a Tomcat guide from O'Reilly. The result clearly exceeds expectations.

Apache Cookbook

Solutions and Examples for Apache Administration

O'Reilly Media Apache web server has good documentation for installing and configuring, but where do you go for help with the day-to-day stuff, like adding common modules or fine-tuning your activity logging? The third edition of this book provides more than 200 updated recipes for the latest versions of Apache, with practical examples for web administrators, programmers, and anyone else who works with the web server. For every problem addressed in the book, you'll find short, focused pieces of code that you can use immediately. You also get explanations of how and why the code works, so you can adapt the problem-solving techniques to similar situations. Recipes range from simple tasks, such as installation, to complex tasks, such as setting up name-based virtual hosts. This cookbook has solutions for beginners and experienced users alike.

Spark: The Definitive Guide

Big Data Processing Made Simple

"O'Reilly Media, Inc." Learn how to use, deploy, and maintain Apache Spark with this comprehensive guide, written by the creators of the open-source cluster-computing framework. With an emphasis on improvements and new features in Spark 2.0, authors Bill Chambers and Matei Zaharia break down Spark topics into distinct sections, each with unique goals. You'll explore the basic operations and common functions of Spark's structured APIs, as well as Structured Streaming, a new high-level API for building end-to-end streaming applications. Developers and system administrators will learn the fundamentals of monitoring, tuning, and debugging Spark, and explore machine learning techniques and scenarios for employing MLlib, Spark's scalable machine-learning library. Get a gentle overview of big data and Spark Learn about DataFrames, SQL, and Datasets—Spark's core APIs—through worked examples Dive into Spark's low-level APIs, RDDs, and execution of SQL and DataFrames Understand how Spark runs on a cluster Debug, monitor, and tune Spark clusters and applications Learn the power of Structured Streaming, Spark's stream-processing engine Learn how you can apply MLlib to a variety of problems, including classification or recommendation

Apache Cookbook

"O'Reilly Media, Inc." Apache is far and away the most widely used web server platform in the world. Both free and rock-solid, it runs more than half of the world's web sites, ranging from huge e-commerce operations to corporate intranets and smaller hobby sites, and it continues to maintain its popularity, drawing new users all the time. If you work with Apache on a regular basis, you have plenty of documentation on installing and configuring your server, but where do you go for help with the day-to-day stuff, like adding common modules or fine-tuning your activity logging?The Apache Cookbook is a collection of problems, solutions, and practical examples for webmasters, web administrators, programmers, and everyone else who works with Apache. For every problem addressed in the book, there's a worked-out solution or "recipe"—short, focused pieces of code that you can use immediately. But this book offers more than cut-and-paste code. You also get explanations of how and why the code works, so you can adapt the problem-solving techniques to similar situations.The recipes in the Apache Cookbook range from simple tasks, such installing the server on Red Hat Linux or Windows, to more complex tasks, such as setting up name-based virtual hosts or securing and managing your proxy server. The two hundred plus recipes in the book cover additional topics such as: Security Aliases, Redirecting, and Rewriting CGI Scripts, the suexec Wrapper, and other dynamic content techniques Error Handling SSL Performance The impressive collection of useful code in this book is a guaranteed timesaver for all Apache users, from novices to advanced practitioners. Instead of poking around mailing lists, online documentation, and other sources, you can rely on the Apache Cookbook for quick solutions to common problems, and then you can spend your time and energy where it matters most.

Apache Server Administrator's Handbook

Wiley Apache Server Administrator's Handbook On-the-Job Apache Server Solutions Your company wants that Web site back online ? immediately. Sound familiar? Apache Server Administrator's Handbook is the book that will bail you out ? a one-stop nuts-and-bolts reference that puts real-world solutions at your fingertips. Superbly organized and packed with crystal clear action steps, it's the one book you'll carry around and consult every day. Your One-Stop Reference for: Core directives Standard modules Virtual Web services SSI CGI FastCGI Server monitoring and security SSL For Apache Mod Perl Mod Rewrite Mod Proxy The Ultimate Shop Manual

Apache Pocket Ref

"O'Reilly Media, Inc." Apache is far and away the most widely used web server platform in the world, running on Windows NT as well as Unix and other platforms. It powers about half of the world's existing web sites and is still increasing market share. Apache also forms the basis of a number of commercial web servers, such as IBM HTTP Server powered by Apache and C2Net's Stronghold. Apache is at the leading edge of web server development with many new technologies being implemented first. Apache has a flexible architecture that allows independent developers to add their own functionality by way of modules, written either in C or, with the advent of mod_perl, in Perl. The Apache Pocket Reference, a companion volume to Writing Apache Modules with Perl and C and Apache: The Definitive Guide, 2nd Edition, covers Apache 1.3.12. It provides a complete overview of the command-line options, configuration directives, and modules, and covers Apache support utilities.

Trino: The Definitive Guide

"O'Reilly Media, Inc." Perform fast interactive analytics against different data sources using the Trino high-performance distributed SQL query engine. With this practical guide, you'll learn how to conduct analytics on data where it lives, whether it's Hive, Cassandra, a relational database, or a proprietary data store. Analysts, software engineers, and production engineers will learn how to manage, use, and even develop with Trino. Initially developed by Facebook, open source Trino is now used by Netflix, Airbnb, LinkedIn, Twitter, Uber, and many other companies. Matt Fuller, Manfred Moser, and Martin Traverso show you how a single Trino query can combine data from multiple sources to allow for analytics across your entire organization. Get started: Explore Trino's use cases and learn about tools that will help you connect to Trino and query data Go deeper: Learn Trino's internal workings, including how to connect to and query data sources with support for SQL statements, operators, functions, and more Put Trino in production: Secure Trino, monitor workloads, tune queries, and connect more applications; learn how other organizations apply Trino

Kafka: The Definitive Guide

Real-Time Data and Stream Processing at Scale

"O'Reilly Media, Inc." Every enterprise application creates data, whether it's log messages, metrics, user activity, outgoing messages, or something else. And how to move all of this data becomes nearly as important as the data itself. If you're an application architect, developer, or production engineer new to Apache Kafka, this practical guide shows you how to use this open source streaming platform to handle real-time data feeds. Engineers from Confluent and LinkedIn who are responsible for developing Kafka explain how to deploy production Kafka clusters, write reliable event-driven microservices, and build scalable stream-processing applications with this platform. Through detailed examples, you'll learn Kafka's design principles, reliability guarantees, key APIs, and architecture details, including the replication protocol, the controller, and the storage layer. Understand publish-subscribe messaging and how it fits in the big data ecosystem. Explore Kafka producers and consumers for writing and reading messages Understand Kafka patterns and use-case requirements to ensure reliable data delivery Get best practices for building data pipelines and applications with Kafka Manage Kafka in production, and learn to perform monitoring, tuning, and maintenance tasks Learn the most critical metrics among Kafka's operational measurements Explore how Kafka's stream delivery capabilities make it a perfect source for stream processing systems

Writing Apache Modules with Perl and C

The Apache API and Mod_perl

"O'Reilly Media, Inc." Explaining how to enhance the capabilities of the Apache Web server, a guide to Web programming discusses the design of Apache, mod_perl, and the Apache API and demonstrates how to use them to rewrite CGI scripts, convert file formats, and more. Original. (Intermediate).

Asterisk: The Definitive Guide

The Future of Telephony Is Now

"O'Reilly Media, Inc." Design a complete Voice over IP (VoIP) or traditional PBX system with Asterisk, even if you have only basic telecommunications knowledge. This bestselling guide makes it easy, with a detailed roadmap that shows you how to install and configure this open source software, whether you're upgrading your existing phone system or starting from scratch. Ideal for Linux administrators, developers, and power users, this updated edition shows you how to write a basic dialplan step-by-step, and brings you up to speed on the features in Asterisk 11, the latest long-term support release from Digium. You'll quickly gain working knowledge to build a simple yet inclusive system. Integrate Asterisk with analog, VoIP, and digital telephony systems Build an interactive dialplan, using best practices for more advanced features Delve into voicemail options, such as storing messages in a database Connect to external services including Google Talk, XMPP, and calendars Incorporate Asterisk features and functions into a relational database to facilitate information sharing Learn how to use Asterisk's security, call routing, and faxing features Monitor and control your system with the Asterisk Manager Interface (AMI) Plan for expansion by learning tools for building distributed systems

Tomcat: The Definitive Guide

The Definitive Guide

"O'Reilly Media, Inc." Jakarta Tomcat is not only the most commonly used open source servlet engine today, it's become the de facto standard by which other servlet engines are measured. Powerful and flexible, it can be used as a stand-alone web server or in conjunction with another server, like Apache or IIS, to run servlets or JSPs. But mastery of Tomcat is not easy: because it's as complex as it is complete. Tomcat: The Definitive Guide answers vexing questions that users, administrators, and developers alike have been asking. This concise guide provides much needed information to help harness Tomcat's power and wealth of features. Tomcat: The Definitive Guide offers something for everyone who uses Tomcat. System and network administrators will find detailed instructions on installation, configuration, and maintenance. For users, it supplies insightful information on how to deploy Tomcat. And seasoned enterprise Java developers will have a complete reference to setting up, running, and using this powerful software. The book begins with an introduction to the Tomcat server and includes an overview of the three types of server configurations: stand-alone, in-process, and out-of-process. The authors show how directories are laid out, cover the initial setup, and describe how to set the environment variables and modify the configuration files, concluding with common errors, problems, and solutions. In subsequent chapters, they cover: The server.xml configuration file Java Security manager Authentication schemes and Tomcat users The Secure Socket Layer (SSL) Tomcat JDBC Realms Installing servlets and Java Server Pages Integrating Tomcat with Apache Advanced Tomcat configuration and much more. Tomcat: The Definitive Guide covers all major platforms, including Windows, Solaris, Linux, and Mac OS X, contains details on Tomcat configuration files, and has a quick-start guide to get developers up and running with Java servlets and JavaServer Pages. If you've struggled with this powerful yet demanding technology in the past, this book will provide the answers you need.

HBase

The Definitive Guide

"O'Reilly Media, Inc." If your organization is looking for a storage solution to accommodate a virtually endless amount of data, this book will show you how Apache HBase can fulfill your needs. As the open source implementation of Google's BigTable architecture, HBase scales to billions of rows and millions of columns, while ensuring that write and read performance remain constant. HBase: The Definitive Guide provides the details you require, whether you simply want to evaluate this high-performance, non-relational database, or put it into practice right away. HBase's adoption rate is beginning to climb, and several IT executives are asking pointed questions about this high-capacity database. This is the only book available to give you meaningful answers. Learn how to distribute large datasets across an inexpensive cluster of commodity servers Develop HBase clients in many programming languages, including Java, Python, and Ruby Get details on HBase's primary storage system, HDFS—Hadoop's distributed and replicated filesystem Learn how HBase's native interface to Hadoop's MapReduce framework enables easy development and execution of batch jobs that can scan entire tables Discover the integration between HBase and other facets of the Apache Hadoop project

NetBeans: The Definitive Guide

"O'Reilly Media, Inc." This is the authoritative reference for understanding and using the NetBeans Integrated Development Environment for creating new software with Java. Contains a detailed tutorial.

The Definitive Guide to MySQL

Provides instructions on installing MySQL and building applications with a variety of programming languages.

The Definitive Guide to Jython

Python for the Java Platform

Apres Jython is an open source implementation of the high-level, dynamic, object-oriented scripting language Python seamlessly integrated with the Java platform. The predecessor to Jython, JPython, is certified as 100% Pure Java. Jython is freely available for both commercial and noncommercial use and is distributed with source code. Jython is complementary to Java. The Definitive Guide to Jython, written by the official Jython team leads, covers Jython 2.5 (or 2.5.x)—from the basics to more advanced features. This book begins with a brief introduction to the language and then journeys through Jython's different features and uses. The Definitive Guide to Jython is organized for beginners as well as advanced users of the language. The book provides a general overview of the Jython language itself, but it also includes intermediate and advanced topics regarding database, web, and graphical user interface (GUI) applications; Web services/SOA; and integration, concurrency, and parallelism, to name a few.

Ant

The Definitive Guide

"O'Reilly Media, Inc." Introduces the build tool for Java application development, covering both user defined and built-in tasks.

HTTP

The Definitive Guide

"O'Reilly Media, Inc." Covers topics including HTTP methods and status codes, optimizing proxies, designing web crawlers, content negotiation, and load-balancing strategies.

Ant: The Definitive Guide

Complete Build Management for Java

"O'Reilly Media, Inc." Soon after its launch, Ant succeeded in taking the Java world by storm, becoming the most widely used tool for building applications in Java environments. Like most popular technologies, Ant quickly went through a series of early revision cycles. With each new version, more functionality was added, and more complexity was introduced. Ant evolved from a simple-to-learn build tool into a full-fledged testing and deployment environment. Ant: The Definitive Guide has been reworked, revised and expanded upon to reflect this evolution. It documents the new ways that Ant is being applied, as well as the array of optional tasks that Ant supports. In fact, this new second edition covers everything about this extraordinary build management tool from downloading and installing, to using Ant to test code. Here are just a few of the features you'll find detailed in this comprehensive, must-have guide: Developing conditional builds, and handling error conditions Automatically retrieving source code from version control systems Using Ant with XML files Using Ant with JavaServer Pages to build Web applications Using Ant with Enterprise JavaBeans to build enterprise applications Far exceeding its predecessor in terms of information and detail, Ant: The Definitive Guide, 2nd Edition is a must-have for Java developers unfamiliar with the latest advancements in Ant technology. With this book at your side, you'll soon be up to speed on the premiere tool for cross-platform development. Author Steve Holzner is an award-winning author who has been writing about Java topics since the language first appeared; his books have sold more than 1.5 million copies worldwide.

A Practical Guide to Ubuntu Linux

A Practical Gui Ubun Linu_p4

Prentice Hall The Most Complete, Easy-to-Follow Guide to Ubuntu Linux "As an in-depth guide to Ubuntu, this book does an exceptional job of covering everything from using the Unity desktop to exploring key server configurations." -Elizabeth K. Joseph, Systems Administrator & Ubuntu Community Member The #1 Ubuntu resource, fully updated for Ubuntu 14.04 (Trusty Tahr)-the Long Term Support (LTS) release Canonical will support into 2019 Extensive new coverage of installation, security, virtualization, MariaDB, Python Programming, and much more Updated JumpStarts help you set up many complex servers in minutes Hundreds of up-to-date examples, plus four updated indexes deliver fast access to reliable answers Mark Sobell's A Practical Guide to Ubuntu Linux®, Fourth Edition, is the most thorough and up-to-date reference to installing, configuring, securing, and working with Ubuntu desktops and servers. This edition has been fully updated for Ubuntu 14.04 (Trusty Tahr), a milestone LTS (Long Term Support) release, which Canonical will support on both desktops and servers into 2019. Sobell walks you through every essential feature and technique, from installing Ubuntu to working with the latest Ubuntu Unity desktop, and from configuring servers and monitoring networks to handling day-to-day system administration. His exceptionally clear explanations demystify everything from Apache, Samba, and postfix, to ufw, virtualization, and MariaDB/MySQL database management. PLUS a new chapter on programming in Python, today's most popular system automation tool! Fully

updated JumpStart sections quickly help you get complex servers running—often in minutes. You'll also find up-to-date guidance on new LPI and CompTIA Linux certification pathways for Linux professionals. Sobell draws on his immense Linux knowledge to explain both the "hows" and the "whys" of Ubuntu. He's taught hundreds of thousands of readers and never forgets what it's like to be new to Linux. Whether you're a user, administrator, or programmer, you'll find everything you need here—now, and for years to come. The world's most practical Ubuntu Linux book is now even more useful! This book delivers Completely revamped installation coverage reflecting Ubuntu 14.04's improved ubiquity (graphical) and debian-installer (textual) installers Updated JumpStarts for quickly setting up Samba, Apache, postfix, FTP, NFS, CUPS, OpenSSH, DNS, and other complex servers Revamped and updated explanations of the ufw, gufw, and iptables firewall tools An all-new chapter on creating VMs (virtual machines) locally and in the cloud New coverage of the MariaDB open source plug-in replacement for MySQL Comprehensive networking coverage, including DNS/BIND, NFS, NIS, FTP, LDAP, and Cacti network monitoring Expert coverage of Internet server configuration and customization, including apache2 (Web) and postfix (mail) A new chapter covering state-of-the-art security techniques, including sudo, cryptography, hash functions, SSL certificates, plus a section on using GPG (GNU Privacy Guard) to protect documents in transit Deep coverage of essential administration tasks—from managing users to CUPS printing, and from configuring LANs and LDAP to building VMs (virtual machines) Complete instructions on keeping systems up to date using apt-get, dpkg, and other tools And much more . . . including a revised 500+ term glossary and four indexes

Hadoop: The Definitive Guide

"O'Reilly Media, Inc." Ready to unlock the power of your data? With this comprehensive guide, you'll learn how to build and maintain reliable, scalable, distributed systems with Apache Hadoop. This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters. You'll find illuminating case studies that demonstrate how Hadoop is used to solve specific problems. This third edition covers recent changes to Hadoop, including material on the new MapReduce API, as well as MapReduce 2 and its more flexible execution model (YARN). Store large datasets with the Hadoop Distributed File System (HDFS) Run distributed computations with MapReduce Use Hadoop's data and I/O building blocks for compression, data integrity, serialization (including Avro), and persistence Discover common pitfalls and advanced features for writing real-world MapReduce programs Design, build, and administer a dedicated Hadoop cluster—or run Hadoop in the cloud Load data from relational databases into HDFS, using Sqoop Perform large-scale data processing with the Pig query language Analyze datasets with Hive, Hadoop's data warehousing system Take advantage of HBase for structured and semi-structured data, and ZooKeeper for building distributed systems

Professional Apache

Oracle Corporation has broadened its development platform, integrating open standards such as Java and XML into the heart of the Oracle 8i database. This extended programming environment continues to exploit the qualities of scalability, reliability and efficiency of the world's most successful data management software, but at the same time it provides new challenges and opportunities to programmers.

Web Performance Tuning

O'Reilly Media Get the best performance from the Web. Aimed at Web administrators, content developers, and users, "Web Performance Tuning" covers general principles of performance, such as network latency and caching. It also gives specific tips on tuning Web browsers, Web servers, operating systems, and hardware for best performance.

Apache Desktop Reference

Addison-Wesley Professional A guide for Web administrators covers Apache's functionality, program architecture, standard modules, source code, installation, DSO, run-time configuration, and command-line options.

CouchDB: The Definitive Guide

Time to Relax

"O'Reilly Media, Inc." Three of CouchDB's creators show you how to use this document-oriented database as a standalone application framework or with high-volume, distributed applications. With its simple model for storing, processing, and accessing data, CouchDB is ideal for web applications that handle huge amounts of loosely structured data. That alone would stretch the limits of a relational database, yet CouchDB offers an open source solution that's reliable, scales easily, and responds quickly. CouchDB works with self-contained data that has loose or ad-hoc connections. It's a model that fits many real-world items, such as contacts, invoices, and receipts, but you'll discover that this database can easily handle data of any kind. With this book, you'll learn how to work with CouchDB through its RESTful web interface, and become familiar with key features such as simple document CRUD (create, read, update, delete), advanced MapReduce, deployment tuning, and more. Understand the basics of document-oriented storage and manipulation Interact with CouchDB entirely through HTTP using its RESTful interface Model data as self-contained JSON documents Handle evolving data schemas naturally Query and aggregate data in CouchDB using MapReduce views Replicate data between nodes Tune CouchDB for increased performance and reliability

Open Sources

Voices from the Open Source Revolution

O'Reilly Media Features the full text of "Open Sources: Voices From the Open Source Revolution," originally published in 1999 by O'Reilly and Associates, Inc. and presented online by the company. The book consists of articles by different authors that focus on computer hackers, free computer software, and software engineering.

Linux Journal

Administering Apache

Computing McGraw-Hill Performance, reliability, security, and the fact that it's free, are just some of the reasons Apache has become one of the most popular Web servers today. And, with over half of all companies that conduct business over the Web using Apache, keeping servers running at peak performance is vital to a company's success. That's why administrators need a hands-on, task-oriented guide that deals with Apache on a day-to-day basis. This complete guide offers administrators clear step-by-step instructions on everything from securing and programming the Apache Web server to creating multiple domain sites on one server, and an extensive troubleshooting section. This essential reference belongs on the shelf of every Apache administrator.