

## Perl Documentation

If you ask Perl programmers today what book they relied on most when they were learning Perl, you'll find that an overwhelming majority will name Learning Perl--also known affectionately as "the Llama." The first edition of Learning Perl appeared in 1993 and has been a bestseller ever since. Written by two of the most prominent and active members of the Perl community, this book is the quintessential tutorial for the Perl programming language. Perl began as a tool for Unix system administrators, used for countless small tasks throughout the workday. It has since blossomed into a full-featured programming language on practically every computing platform, and is used for web programming, database manipulation, XML processing, and (of course) system administration--all this while still remaining the perfect tool for the small daily tasks it was designed for. Perl is quick, fun, and eminently useful. Many people start using Perl because they need it, but they continue to use Perl because they love it. The third edition of Learning Perl has not only been updated for Perl 5.6, but has also been rewritten from the ground up to reflect the needs of programmers learning Perl today. Informed by their years of success at teaching Perl as consultants, the authors have re-engineered the book to better match the pace and scope appropriate for readers trying to get started with Perl, while retaining the detailed discussion, thorough examples, and eclectic wit for which the book is famous. This edition of the Llama includes an expanded and more gently-paced introduction to regular expressions, new exercises and solutions designed so readers can practice what they've learned while it's still fresh in their minds, and an overall reworking to bring Learning Perl into the new millennium. Perl is a language for getting your job done. Other books may teach you to program in Perl, but this book will turn you into a Perl programmer.

The 2001 classic - available in eBook formats for the first time Perl Debugged provides the expertise and solutions developers require for coding better, faster, and more reliably in Perl. Focusing on debugging, the most vexing aspect of programming in Perl, this example-rich reference and how-to guide minimizes development, troubleshooting, and maintenance time resulting in the creation of elegant and error-free Perl code. Designed for the novice to intermediate software developer, Perl Debugged will save the programmer time and frustration in debugging Perl programs. Based on the authors' extensive experience with the language, this book guides developers through the entire programming process, tackling the benefits, plights, and pitfalls of Perl programming. Beginning with a guided tour of the Perl documentation, the book progresses to debugging, testing, and performance issues, and also devotes a chapter to CGI programming in Perl. Throughout the book, the authors espouse defensible paradigms for improving the accuracy and performance of Perl code. In addition, Perl Debugged includes Scott and Wright's "Perls of Wisdom" which summarize key ideas from each of the chapters, and an appendix containing a comprehensive listing of Perl debugger commands. In this exceptional reference and debugging guide, the authors cover every aspect of efficient Perl programming, including: CGI programming—special tips for debugging this type of Perl program How to develop the proper mindset for developing and programming effectively in Perl Perl "gotchas"—how to understand them, work around them, and avoid them "Antibugging"—the authors' rules of thumb on how to code defensively The Perl debugger —the authors' guide to using this Perl built-in Common syntax errors and how to track down their causes Semantical errors—why code may appear correct but the programs do not work How to improve the performance of resource-hungry programs Tips and advice for programmers moving to Perl from other language environments Focusing on the process of Perl programming and guidelines for identifying and correcting mistakes, Perl Debugged helps the developer to write better Perl programs immediately and become better programmers in general.

This manual is a printed edition of the official Perl reference documentation from the Perl 5.12.1 distribution. It describes the syntax of Perl and its built-in datatypes, operators, functions, variables, regular expressions and error messages. For each copy of this manual sold, the publisher (Network Theory Ltd) will donate 1 USD to The Perl Foundation to support the further development of the language. Further topics are covered in the "Perl Library Reference Manual (Volumes 1-6)," the "Perl C API and Internals Manual," and the "Perl Unicode and Locales Manual" (available separately).

'Sams Teach Yourself Perl in 21 Days' covers the basics in the first few chapters, and then moves on to practical uses of Perl and in-depth discussions of more advanced topics. Perl is a popular programming language typically used in Unix systems.

The book has an introductory chapter that gets the reader started quickly with programming in Perl. The initial part of the book discusses Perl expressions, statements, control flow, built-in data types such as arrays and hashes, and complex data structures built using references. On Perl has several chapters covering specialized topics. The chapter on socket-based network programming deals with forking and using fork to write complex interactive client-server programs. There is a chapter with in-depth discussion of CGI programming including error-handling and security issues that arise. The chapter on web-client programming deals with writing programs that access Web pages, fill up GET and POST forms, handle cookies and redirected Web pages. The book has several unique chapters not found in any other book on Perl in the market. The chapter on security discusses hashes such as MD5, message authentication codes (MACs), digital signature schemes, and encryption techniques such as DES, Rijndael, and RSA. Other chapters deal with writing recursive programs that work with files and directories; this chapter also discusses predefined modules that deal with portability in file names and paths across operating systems, recursive traversal of file hierarchies and tarring and untarring of files. The chapter on functional programming illustrates that Perl functions are first-class, can be used to write closures and can be composed to form more complex functions. In particular, this can be useful for programming in artificial intelligence.

William "Bo" Rothwell's Advanced Perl Programming continues where his previous book left off, more or less, as it guides you through advanced techniques of the Perl programming language starting with command-line options, references, and arrays and hashes from advanced data types. Next, you'll learn about typeglobs for symbolic entries. Additionally, you'll see advanced subroutine handling, then packages and namespaces. Furthermore, you'll build advanced modules and install CPAN modules. Unlike Java and C++, modules have been around in Perl for a long time now. Along the way, you'll learn and use POD mark up language for Perl documentation. Moreover, you'll get a survey of the many advanced features and data structures of the current Perl programming language. You'll also get a survey of the new features of the latest Perl 5.x release. After reading and using this book, you'll have the tools, techniques, and source code to be an expert Perl programmer. What You Will Learn Carry out command-line parsing and extract scripts Create references; return values from a reference; work with the ref Function and strict refs Work with advanced Perl data types using arrays, hashes, and hash of hashes Use Typeglobs for symbol table entries Build modules and install CPAN modules Write documentation for Perl using POD Work with the newest features in Perl, including the smartmatch operator, yada yada, automated regex modifiers, the CORE namespace and more Who This Book Is For Those with experience with Perl or who have read Rothwell's prior books, Beginning Perl Programming and Pro Perl Programming.

\*Condensed, readable style; delivers tremendous value in just one book. This book offers \*THE resource for focused and pragmatic industrial solutions in Perl, while the competing \*best-sellers are older, quirkier and shallower treatments of Perl. \*Thorough discussion of Perl—from installations to applications development; ideal for working Perl programmers in 2005. \*Wainwright is a respected Perl expert and author of industry-respected Pro Apache title.

A guide to the Web programming technology covers implementation in C and Perl, customizing existing programs, and writing CGI scripts for survey forms, interactive games, order forms, search tools, and guest books.

Programming Perl3rd Edition"O'Reilly Media, Inc."

Presents guidelines on the art of coding with Perl, covering such topics as naming conventions, data and control

structures, program decomposition, interface design, and error handling.

If you're a programmer, system administrator, or web hacker just getting started with Perl, this workbook helps you gain hands-on experience with the language right away. It's the perfect companion to the 6th Edition of Learning Perl (known as "the Llama"), which is based on the popular introductory Perl course taught by the book's authors since 1991. The first half of this workbook presents the exercises, with answers in the second half. The material covers Perl up to version 5.14. Topics include: Scalar Data Lists and Arrays Subroutines Input and Output Hashes Regular Expressions Control Structures Perl Modules File Tests Directory Operations Strings and Sorting Smart Matching Process Management Some Advanced Perl Techniques Databases

\* Functions as the most up-to-date beginner's Perl book, current through Perl version 5.8.2. \* Covers what a new Perl programmer needs to know, using real-world examples. \* Surpasses the first edition; more concise and focused. Object-oriented language for others. It is used for everything from performing quick global replacements on text files to crunching huge, complex sets of scientific data that take weeks to process. Perl is what you make of it, but regardless of what you use Perl for, this book helps you do it more effectively, efficiently, and elegantly. Learning Perl Objects, References, and Modules is about learning to use Perl as a programming language, not just a scripting language. This is the book.

Learn Perl 1 is an introductory exercise book for learning the basics of the Perl language. This book covers a number of introductory topics such as variables, loops, regular expressions and packages. This book provides information and worked exercises for novice and experienced programmers to learn the Perl scripting language. Sample solutions for exercises contained in this book are available from the companion website.

Bioinformatics, Biocomputing and Perl presents a modern introduction to bioinformatics computing skills and practice. Structuring its presentation around four main areas of study, this book covers the skills vital to the day-to-day activities of today's bioinformatician. Each chapter contains a series of maxims designed to highlight key points and there are exercises to supplement and cement the introduced material. Working with Perl presents an extended tutorial introduction to programming through Perl, the premier programming technology of the bioinformatics community. Even though no previous programming experience is assumed, completing the tutorial equips the reader with the ability to produce powerful custom programs with ease. Working with Data applies the programming skills acquired to processing a variety of bioinformatics data. In addition to advice on working with important data stores such as the Protein DataBank, SWISS-PROT, EMBL and the GenBank, considerable discussion is devoted to using bioinformatics data to populate relational database systems. The popular MySQL database is used in all examples. Working with the Web presents a discussion of the Web-based technologies that allow the bioinformatics researcher to publish both data and applications on the Internet. Working with Applications shifts gear from creating custom programs to using them. The tools described include Clustal-W, EMBOSS, STRIDE, BLAST and Xmgrace. An introduction to the important Bioperl Project concludes this chapter and rounds off the book.

Master intermediate to advanced techniques of the Perl programming language starting with a focus on regular expressions and some of their advanced features. This book then covers other pro-level features, including formatted output, file handling, and more. Additionally, you'll learn and explore the most useful built-in variables, pragmas, and modules available in the Perl language. Furthermore, you'll work with geometry managers and get a thorough treatment of graphical user interface development using Perl/TK and widgets. Lastly, you'll cover debugging techniques. Pro Perl Programming is a professional-level reference guide on Perl and includes important aspects of it that you need as a professional programmer. What You Will Learn Program regular expressions including atoms, smartmatch operators, and more Use advanced features such as HiRes Time, slurp() functions, Critic, Tidy and many more functions Handle advanced formatted output such as printf and sprintf Explore useful built-in variables, including status variables, separator variables, and the signal handle variable Explore and use Perl's built-in modules, including the Pragma modules Work with Perl/TK and its widgets-like geometry managers, frames, labels, buttons, check buttons, radio buttons, scrollbars, scales, entries, and menus Who This Book Is For Those with at least some prior experience with Perl programming or have read Beginning Perl Programming by William Rothwell.

The Most Complete, Easy-to-Follow Guide to Ubuntu Linux The #1 Ubuntu server resource, fully updated for Ubuntu 10.4 (Lucid Lynx)—the Long Term Support (LTS) release many companies will rely on for years! Updated JumpStarts help you set up Samba, Apache, Mail, FTP, NIS, OpenSSH, DNS, and other complex servers in minutes Hundreds of up-to-date examples, plus comprehensive indexes that deliver instant access to answers you can trust Mark Sobell's A Practical Guide to Ubuntu Linux®, Third Edition, is the most thorough and up-to-date reference to installing, configuring, and working with Ubuntu, and also offers comprehensive coverage of servers—critical for anybody interested in unleashing the full power of Ubuntu. This edition has been fully updated for Ubuntu 10.04 (Lucid Lynx), a milestone Long Term Support (LTS) release, which Canonical will support on desktops until 2013 and on servers until 2015. Sobell walks you through every essential feature and technique, from installing Ubuntu to working with GNOME, Samba, exim4, Apache, DNS, NIS, LDAP, g ufw, firestarter, iptables, even Perl scripting. His exceptionally clear explanations demystify everything from networking to security. You'll find full chapters on running Ubuntu from the command line and desktop (GUI), administrating systems, setting up networks and Internet servers, and much more. Fully updated JumpStart sections help you get complex servers running—often in as little as five minutes. 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 many years to come. The world's most practical Ubuntu Linux book is now even more useful! This book delivers Hundreds of easy-to-use Ubuntu examples Important networking coverage, including DNS, NFS, and Cacti

Coverage of crucial Ubuntu topics such as sudo and the Upstart init daemon More detailed, usable coverage of Internet server configuration, including Apache (Web) and exim4 (email) servers State-of-the-art security techniques, including up-to-date firewall setup techniques using gufw and iptables, and a full chapter on OpenSSH A complete introduction to Perl scripting for automated administration Deeper coverage of essential admin tasks—from managing users to CUPS printing, configuring LANs to building a kernel Complete instructions on keeping Ubuntu systems up-to-date using aptitude, Synaptic, and the Software Sources window And much more...including a 500+ term glossary

Perl Developer's Dictionary is a complete, well-organized reference to the Perl language and environment, including core syntax as well as Perl modules. Designed specifically for the experienced developer who needs a reference readily available on his or her desk to refer to on a daily basis, the book is extensively cross-referenced and indexed for optimal usability. In addition to providing a complete syntax reference for all core Perl functions, the book also provides quick access to language syntax, constructs, and other language issues. Each major section of the book is prefaced with a short introduction to provide background material on the subject at hand, and then is followed by a series of "dictionary" entries that cover exactly one topic, carefully cross-referenced and indexed with the rest of the book.

Historically, programming hasn't been considered a critical skill for biologists. But now, with access to vast amounts of biological data contained in public databases, programming skills are increasingly in strong demand in biology research and development. Perl, with its highly developed capacities in string handling, text processing, networking, and rapid prototyping, has emerged as the programming language of choice for biological data analysis. Mastering Perl for Bioinformatics covers the core Perl language and many of its module extensions, presenting them in the context of biological data and problems of pressing interest to the biological community. This book, along with Beginning Perl for Bioinformatics, forms a basic course in Perl programming. This second volume finishes the basic Perl tutorial material (references, complex data structures, object-oriented programming, use of modules--all presented in a biological context) and presents some advanced topics of considerable interest in bioinformatics. The range of topics covered in Mastering Perl for Bioinformatics prepares the reader for enduring and emerging developments in critical areas of bioinformatics programming such as: Gene finding String alignment Methods of data storage and retrieval (SML and databases) Modeling of networks (graphs and Petri nets) Graphics (Tk) Parallelization Interfacing with other programming languages Statistics (PDL) Protein structure determination Biological models of computation (DNA Computers) Biologists and computer scientists who have conquered the basics of Perl and are ready to move even further in their mastery of this versatile language will appreciate the author's well-balanced approach to applying Perl's analytical abilities to the field of bioinformatics. Full of practical examples and real-world biological problem solving, this book is a must for any reader wanting to move beyond beginner level Perl in bioinformatics.

No-nonsense and practical, yet with wit and charm. A joy to read." -Dan Sanderson, Software Developer, Amazon.com  
"Shows style, not just facts-valuable." -Brian Downs, former Training Director, Lucent Technologies  
"Brilliant, never tedious-highly recommended!" -Jon Allen, Maintainer of perldoc.perl.org  
"You could have chosen no better primer than this book." -Damian Conway, from the Foreword  
Perl is a complex language that can be difficult to master. Perl advocates boast that "There's More Than One Way To Do It," but do you really want to learn several ways of saying the same thing to a computer? To make Perl more accessible, Dr. Tim Maher has over the years designed and taught an essential subset of the language that is smaller, yet practical and powerful. With this engaging book you can now benefit from "Minimal Perl," even if all you know about Unix is grep. You will learn how to write simple Perl commands-many just one-liners-that go far beyond the limitations of Unix utilities, and those of Linux, MacOS/X, etc. And you'll acquire the more advanced Perl skills used in scripts by capitalizing on your knowledge of related Shell resources. Sprinkled throughout are many Unix-specific Perl tips. This book is especially suitable for system administrators, webmasters, and software developers.

With more than a million dedicated programmers, Perl has proven to be the best computing language for the latest trends in computing and business. While other languages have stagnated, Perl remains fresh, thanks to its community-based development model, which encourages the sharing of information among users. This tradition of knowledge-sharing allows developers to find answers to almost any Perl question they can dream up. And you can find many of those answers right here in Perl Hacks. Like all books in O'Reilly's Hacks Series, Perl Hacks appeals to a variety of programmers, whether you're an experienced developer or a dabbler who simply enjoys exploring technology. Each hack is a short lesson--some are practical exercises that teach you essential skills, while others merely illustrate some of the fun things that Perl can do. Most hacks have two parts: a direct answer to the immediate problem you need to solve right now and a deeper, subtler technique that you can adapt to other situations. Learn how to add CPAN shortcuts to the Firefox web browser, read files backwards, write graphical games in Perl, and much more. For your convenience, Perl Hacks is divided by topic--not according to any sense of relative difficulty--so you can skip around and stop at any hack you like. Chapters include: Productivity Hacks User Interaction Data Munging Working with Modules Object Hacks Debugging Whether you're a newcomer or an expert, you'll find great value in Perl Hacks, the only Perl guide that offers something useful and fun for everyone.

Everything beginners need to start programming with Perl Perl is the ever-popular, flexible, open source programming language that has been called the programmers' Swiss army knife. This book introduces Perl to both new programmers and experienced ones who are looking to learn a new language. In the tradition of the popular Wrox Beginning guides, it presents step-by-step guidance in getting started, a host of try-it-out exercises, real-world examples, and everything necessary for a Perl novice to start programming with confidence. Introduces Perl to both new programmers and experienced ones who want to learn a new language Provides a host of real-world applications for today's environments so readers can get started immediately Covers the new features of Perl but fully applicable

toprevious editions Beginning Perl provides the information and instructionyou need to confidently get started with Perl. For Instructors: Classroom and training support materialare available for this book.

Programming on the Web today can involve any of several technologies, but the Common Gateway Interface (CGI) has held its ground as the most mature method--and one of the most powerful ones--of providing dynamic web content. CGI is a generic interface for calling external programs to crunch numbers, query databases, generate customized graphics, or perform any other server-side task. There was a time when CGI was the only game in town for server-side programming; today, although we have ASP, PHP, Java servlets, and ColdFusion (among others), CGI continues to be the most ubiquitous server-side technology on the Web.CGI programs can be written in any programming language, but Perl is by far the most popular language for CGI. Initially developed over a decade ago for text processing, Perl has evolved into a powerful object-oriented language, while retaining its simplicity of use. CGI programmers appreciate Perl's text manipulation features and its CGI.pm module, which gives a well-integrated object-oriented interface to practically all CGI-related tasks. While other languages might be more elegant or more efficient, Perl is still considered the primary language for CGI.CGI Programming with Perl, Second Edition, offers a comprehensive explanation of using CGI to serve dynamic web content. Based on the best-selling CGI Programming on the World Wide Web, this edition has been completely rewritten to demonstrate current techniques available with the CGI.pm module and the latest versions of Perl. The book starts at the beginning, by explaining how CGI works, and then moves swiftly into the subtle details of developing CGI programs.Topics include: Incorporating JavaScript for form validation Controlling browser caching Making CGI scripts secure in Perl Working with databases Creating simple search engines Maintaining state between multiple sessions Generating graphics dynamically Improving performance of your CGI scripts

A majority of the people who start using Perl for the first time have a background in the C or C++ programming language. This book is written for those people. "Perl for C Programmers" teaches what's similar and different between Perl and C/C++ and how to then utilize Perl to the fullest.

Visually explore the range of built-in and third-party libraries of Perl and Apache Perl and Apache have been providing Common Gateway Interface (CGI) access to Web sites for 20 years and are constantly evolving to support the ever-changing demands of Internet users. With this book, you will heighten your knowledge and see how to usePerl and Apache to develop dynamic Web sites. Beginning with a clear, step-by-step explanation of how to install Perl and Apache on both Windows and Linux servers, you then move on to configuring each to securely provide CGI Services. CGI developer and author Adam McDaniel shows techniques for effectively developing and maintaining dynamic sites and he shares real-world examples describing MySQL database access, PayPal credit-card transactions, and sample Facebook and Twitter interfaces. Apache and Perl have been providing Common Gateway Interface (CGI) access to Internet Web sites for more than two decades, and both products are constantly evolving to support today's user requirements Shows how to install Perl and Apache on Windows and Linux servers and configure each to securely provide CGI services Details techniques for effectively developing and maintaining dynamic Web sites Addresses MySQL database access and PayPal credit-card transactions, and examines sample Facebook and Twitter interfaces With this book, you'll benefit from a wealth of techniques and resources that you won't find anywhere else.

The Most Useful Tutorial and Reference, with Hundreds of High-Quality Examples for Every Popular Linux Distribution "First Sobell taught people how to use Linux . . . now he teaches you the power of Linux. A must-have book for anyone who wants to take Linux to the next level." –Jon "maddog" Hall, Executive Director, Linux International Discover the Power of Linux—Covers macOS, too! Learn from hundreds of realistic, high-quality examples, and become a true command-line guru Covers MariaDB, DNF, and Python 3 300+ page reference section covers 102 utilities, including macOS commands For use with all popular versions of Linux, including Ubuntu,™ Fedora,™ openSUSE,™ Red Hat,® Debian, Mageia, Mint, Arch, CentOS, and macOS Linux is today's dominant Internet server platform. System administrators and Web developers need deep Linux fluency, including expert knowledge of shells and the command line. This is the only guide with everything you need to achieve that level of Linux mastery. Renowned Linux expert Mark Sobell has brought together comprehensive, insightful guidance on the tools sysadmins, developers, and power users need most, and has created an outstanding day-to-day reference, updated with assistance from new coauthor Matthew Helmke. This title is 100 percent distribution and release agnostic. Packed with hundreds of high-quality, realistic examples, it presents Linux from the ground up: the clearest explanations and most useful information about everything from filesystems to shells, editors to utilities, and programming tools to regular expressions. Use a Mac? You'll find coverage of the macOS command line, including macOS-only tools and utilities that other Linux/UNIX titles ignore. A Practical Guide to Linux® Commands, Editors, and Shell Programming, Fourth Edition, is the only guide to deliver A MariaDB chapter to get you started with this ubiquitous relational database management system (RDBMS) A masterful introduction to Python for system administrators and power users In-depth coverage of the bash and tcsh shells, including a complete discussion of environment, inheritance, and process locality, plus coverage of basic and advanced shell programming Practical explanations of core utilities, from aspell to xargs, including printf and sshfs/curlftps, PLUS macOS–specific utilities from ditto to SetFile Expert guidance on automating remote backups using rsync Dozens of system security tips, including step-by-step walkthroughs of implementing secure communications using ssh and scp Tips and tricks for customizing the shell, including step values, sequence expressions, the eval builtin, and implicit command-line continuation High-productivity editing techniques using vim and emacs A comprehensive, 300-plus-page command reference section covering 102 utilities, including find, grep, sort, and tar Instructions for updating systems using apt-get and dnf And much more, including coverage of BitTorrent, gawk, sed, find, sort, bzip2, and regular expressions

"SQL Server Administration with Perl" consists of a series of scenarios covering a wide range of SQL Server administrative topics. These are real-world scenarios that you hear DBAs discussing on the SQL Server forums and newsgroups-scenarios that DBAs run into in their day-to-day development or production environments. Readers will walk away from this book with two things: a DBA toolkit with well over 150 Perl scripts and problem-solving techniques they can apply to create even more tools for attacking other SQL Server administrative problems.

\*\*\*\*\* WAGmob: Over One million Paying Customers \*\*\*\*\* WAGmob brings you, simpleNeasy, on-the-go learning ebook for "Learn Perl Programming". The ebook provides: Snack sized chapters for easy learning. Designed for both students and adults. This

ebook provides a quick summary of essential concepts in Learn Perl Programming by following snack sized chapters: Introduction to Perl: • Introduction to Perl • History • Why Perl? • Perl Environment Setup • Perl Documentation Basics of Perl: • Our First Perl Program • How It Works • Basic Structure of a Perl Program • The #! Directive • Semicolons • Whitespaces in Perl • Comments • The Print Command Variables: • Perl Variables • Scalar variables • “my” declarations • Variables, names, and storage • The assignment operator • Assignment statement semantics • System Variables • Creating Variables Scalars: • Perl Scalars • Numerical Data and Operators • Strings • String Literals: • Single and Double Quoting • undef Array: • Array: The Sequential Storage Container • Accessing array elements • List literals as Array • Array-wide access • Printing entire arrays • Array in a scalar context • Using a scalar in an array context • Size of array • Last element index • Using negative array indices • Arrays as stacks Hashes: • Perl Hashes • One-dimensional Perl hashes • Copy a hash • Create or initialize a hash • Empty or clear a hash • Difference between Array and a Hash Conditional Statements I: • Conditional Statements • The if statement • if-else statement • if...elsif...else statement Conditional Statements II: • unless statement • unless...else statement • unless...elsif..else statement • switch statement Loops: • while loop • do-while loop • for loop • foreach loop • The ‘next’ command Subroutines: • Subroutines • Passing Arguments to a Subroutine • Passing lists to subroutines • Passing hashes to subroutines • Returning Value from a Subroutine About WAGmob ebooks: 1) A companion ebook for on-the-go, bite-sized learning. 2) Over One million paying customers from 175+ countries. Why WAGmob ebooks: 1) Beautifully simple, Amazingly easy, Massive selection of ebooks. 2) Effective, Engaging and Entertaining ebooks. 3) An incredible value for money. Lifetime of free updates! WAGmob Vision : simpleNeasy ebooks for a lifetime of on-the-go learning WAGmob Mission : A simpleNeasy WAGmob ebook in every hand. Visit us : [www.simpleNeasyBook.Com](http://www.simpleNeasyBook.Com) Please write to us at [Team@simpleNeasyBook.Com](mailto:Team@simpleNeasyBook.Com). We would love to improve this ebook. Seventy articles from the first five years of "The Perl Journal" discuss advanced programming techniques, the mechanics of Perl, and other aspects of computer science.

This complete guide to the Perl programming language ranges widely through the Perl programmer's universe, gathering together in a convenient form a wealth of information about Perl itself and its application to CGI scripts, XML processing, network programming, database interaction, and graphical user interfaces. The book is an ideal reference for experienced Perl programmers and beginners alike. With more than a million dedicated programmers, Perl is proving to be the best language for the latest trends in computing and business, including network programming and the ability to create and manage web sites. It's a language that every Unix system administrator and serious web developer needs to know. In the past few years, Perl has found its way into complex web applications of multinational banks, the U.S. Federal Reserve, and hundreds of large corporations. In this second edition, Perl in a Nutshell has been expanded to include coverage of Perl 5.8, with information on Unicode processing in Perl, new functions and modules that have been added to the core language, and up-to-date details on running Perl on the Win32 platform. The book also covers Perl modules for recent technologies such as XML and SOAP. Here are just some of the topics contained in this book: Basic Perl reference Quick reference to built-in functions and standard modules CGI.pm and mod\_perl XML::\* modules DBI, the database-independent API for Perl Sockets programming LWP, the library for Web programming in Perl Network programming with the Net modules Perl/Tk, the Tk extension to Perl for graphical interfaces Modules for interfacing with Win32 systems As part of the successful "in a Nutshell" book series from O'Reilly & Associates, Perl in a Nutshell is for readers who want a single reference for all their needs. "In a nutshell, Perl is designed to make the easy jobs easy, without making the hard jobs impossible."-- Larry Wall, creator of Perl

Perl by Example, Fifth Edition, is the easiest, most hands-on way to learn Perl. Legendary Silicon Valley programming instructor Ellie Quigley has thoroughly updated and condensed her classic to focus on the applications and skills today's Perl users care about most: from system task automation, data extraction, and testing through legacy code maintenance and CPAN. Quigley illuminates every technique with focused, classroom-tested code examples, detailed explanations, and real program output. She shows you the code, shows you input and output, and provides detailed, line-by-line explanations of how the code generates that output. You'll find realistic insights into maintaining legacy Perl code, and detailed coverage of working with the immense global library of more than 124,000 CPAN software modules. Every section in this edition also contains an up-to-date 'Perl Gotchas' section, helping you anticipate, avoid, and overcome the most common Perl programming problems. An easier, quicker read than ever before, this exceptionally clear and practical book will take you from your first Perl script to advanced applications. It's the only Perl book you'll ever need!

This book picks up right where Learning Perl leaves off. With Intermediate Perl, you'll graduate from short scripts to much larger programs, using features that make Perl a general-purpose language. This gentle but thorough guide introduces you to modules, complex data structures, and object-oriented programming. Each chapter is small enough to be read in just an hour or two, ending with exercises to help you practice what you've learned. If you're familiar with the material in Learning Perl and have the ambition to go further, Intermediate Perl will teach you most of the core Perl language concepts you need for writing robust programs on any platform. Topics include: Packages and namespaces References and scoping, including regular expression references Manipulating complex data structures Object-oriented programming Writing and using modules Testing Perl code Contributing to CPAN Just like Learning Perl, material in this book closely follows the popular introductory Perl course the authors have taught since 1991. This second edition covers recent changes to the language up to version 5.14.

Shows how to write, debug, and run a Perl program, describes CGI scripting and data manipulation, and describes scalar values, basic operators, and associative arrays.

The Most Complete, Easy-to-Follow Guide to Ubuntu Linux Mark Sobell's A Practical Guide to Ubuntu Linux®, Second Edition, isn't just the most thorough and up-to-date reference to installing, configuring, and working with Ubuntu. It also provides comprehensive server coverage you won't find in any other Ubuntu book. The fully updated JumpStart sections help you get complex servers running quickly. Whatever your questions may be, the completely revamped index gives you even faster access to the answers you're searching for. And a brand new chapter on Perl programming teaches you the basics of this powerful system administration language. Sobell walks you through every feature and technique you'll need, from installing Ubuntu to working with GNOME, Samba, exim4, Apache, DNS, NIS, LDAP, ufw, firestarter, and iptables. His exceptionally clear explanations demystify everything from system security to Windows file/printer sharing. You'll find full chapters on running Ubuntu from the command line and GUI, administering systems and security, setting up networks and Internet servers, and much more. Along the way, you'll learn both the “hows” and the “whys” of Ubuntu. Sobell knows every Linux nook and cranny: 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,

this book gives you all you need—and more. The world's most practical Ubuntu Linux book is now even more useful! This book delivers Hundreds of easy-to-follow, easy-to-use examples Updated JumpStarts for setting up Samba, Apache, Mail, FTP, NIS, OpenSSH, DNS, and other complex servers Deeper coverage of the command line, GNOME GUI, and desktop customization Coverage of crucial Ubuntu topics such as sudo and the Upstart init daemon More detailed, usable coverage of Internet server configuration, including Apache, exim4, and DNS/BIND More state-of-the-art security techniques, including firewall setup using ufw, firestarter, and iptables, plus a full chapter on OpenSSH Deeper coverage of essential system and network administration tasks—from managing users to CUPS printing, configuring LANs to building a kernel Complete instructions on keeping Ubuntu systems up-to-date using aptitude, Synaptic, and the Software Sources window And much more...including a 500+ term glossary and five detailed appendixes Includes DVD! Get the full version of the Ubuntu 8.10 (Intrepid Ibex) release!

Secrets of the Oracle Database is the definitive guide to undocumented and partially-documented features of the Oracle Database server. Covering useful but little-known features from Oracle Database 9 through Oracle Database 11, this book will improve your efficiency as an Oracle database administrator or developer. Norbert Debes shines the light of day on features that help you master more difficult administrative, tuning, and troubleshooting tasks than you ever thought possible. Finally, in one place, you have at your fingertips knowledge that previously had to be acquired through years of experience and word of mouth through knowing the right people. What Norbert writes is accurate, well-tested, well-illustrated by clear examples, and sure to improve your ability to make an impact on your day-to-day work with Oracle.

Take the next step toward Perl mastery with advanced concepts that make coding easier, maintenance simpler, and execution faster. Mastering Perl isn't a collection of clever tricks, but a way of thinking about Perl programming for solving debugging, configuration, and many other real-world problems you'll encounter as a working programmer. The third in O'Reilly's series of landmark Perl tutorials (after Learning Perl and Intermediate Perl), this fully updated edition pulls everything together and helps you bend Perl to your will. Explore advanced regular expressions features Avoid common problems when writing secure programs Profile and benchmark Perl programs to see where they need work Wrangle Perl code to make it more presentable and readable Understand how Perl keeps track of package variables Define subroutines on the fly Jury-rig modules to fix code without editing the original source Use bit operations and bit vectors to store large data efficiently Learn how to detect errors that Perl doesn't report Dive into logging, data persistence, and the magic of tied variables

Get started with Perl 5 and learn the important core concepts of Perl programming, such as variables, flow control, expressions, and I/O. Additionally, this book covers pattern matching and shows that Perl is extremely flexible and powerful, and that it isn't afraid of the cloud. After reading and using this book, you'll be able to start writing your own powerful scripts to solve many web and programming problems. This is a book for those of us who believed that we didn't need to learn Perl, and now we know it is more ubiquitous than ever. You'll see that Perl has evolved into a multipurpose, multiplatform language present absolutely everywhere: heavy-duty web applications, the cloud, systems administration, natural language processing, and financial engineering. This book provides valuable insight into Perl's role regarding all of these tasks and more giving you a great start in your Perl programming adventure. What You Will Learn Perform operations on scalar values Use scalar, array, and associative array variables Work with flow control statements such as if, unless, while, until, for, and foreach Read and write directly to files with file handles Use conditional expressions such as numeric and string comparison, regular expressions, file testing, and Perl statements Format output with format statements Search for and replace sub-strings within a string using regular expressions Master Perl utilities such as split, join, index and more Control the file system and processes from within a Perl script Build functions for tasks including handling the scope of variables Import existing modules into your Perl script Who This Book Is For Those who are new to Perl.

Secret ORACLE is the definitive guide to undocumented and partially documented features of the ORACLE database server. This book will improve your efficiency as an ORACLE database administrator and enable you to master more difficult administrative, tuning, and troubleshooting tasks than you ever thought possible. Topics covered include: The MERITS performance optimization method, which extends the state-of-the-art wait event tuning paradigm. Controlling processes of an ORACLE instance with the fragmentarily documented ORADEBUG command to trace SQL statements as well as wait events and dump process state, call stack, and hang analysis information. Tracing the cost based optimizer to understand its cost calculations and decisions.

Understanding hidden parameters that govern Automatic PGA Memory Management. Leveraging undocumented features of the Oracle10g/11g scheduler and other partially or fully undocumented PL/SQL packages, such as DBMS\_SYSTEM, DBMS\_SUPPORT, and DBMS\_UTILITY.

Introduces the programming language to beginners and provides a Perl language reference for experienced users, covering operators, statements, formats, modules, objects, threads, tied variables, debugging, and security.

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