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KEY=TUTORIAL - WILSON RORY

Perl Tutorials - Herong's Tutorial Examples [Lulu Press, Inc](#) This Perl tutorial book is a collection of notes and sample codes written by the author while he was learning Perl language himself. Topics include introduction of **ActivePerl**; data types, variables and expressions; scalars, arrays, hash maps, and references; input/output and file systems; **DBM** files and **MySQL** access; socket communication; generating executables; **XML::Simple** and **RPC:XML** modules; **LWP::UserAgent**, **HTTP::Request** and **SOAP::Lite** modules; **CGI**, and **IIS/Apache** integrations. Updated in 2020 (Version 6.00) with **macOS** and **Linux** tutorials. **Mastering Perl for Bioinformatics Perl Programming for Bioinformatics** "O'Reilly Media, Inc." 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. **PERL RESSOURCE KIT COFFRET 5 VOLUMES : VOLUME 1, PERL SOFTWARE CD-ROM. THE PERL JOURNAL SPRING 1998, ISSUE 9. VOLUME 2, PERL UTILITIES GUIDE. VOLUME 3, PROGRAMMING WITH PERL MODULES. VOLUME 4, PERL MODULE REFERENCE. VOLUME 5, PERL MODULE REFERENCE** [O'Reilly Media](#) The Perl Resource Kit -- Win32 Edition is an essential tool for Perl programmers who are expanding their platform expertise to include Win32, and for Win32 Webmasters and system administrators who have discovered the power and flexibility of Perl. The Kit contains some of the latest commercial Win32 Perl software from Dick Hardt's ActiveState Tool Corp., along with a collection of Perl modules that run on Win32, and a definitive documentation set from O'Reilly. The Perl Resource Kit -- Win32 Edition provides: Over 1800 pages of in-depth documentation covering hundreds of Perl modules and detailed instructions on the new Win32 Perl software. The books in the Kit are not available elsewhere and include: **Programming with Perl Modules**, by Erik Olson **Perl Module Reference**, two volumes compiled and edited by David Futato A CD-ROM containing the complete Perl for Win32 5.005 distribution, plus new commercial Win32 Perl software, including: Perl debugger (enables easy location of bugs and swift verification of your scripts) Visual Package Manager (enhances installation of hundreds of certain Perl modules that run on Win32) **PerlCOM** (enables access to Perl scripts as COM objects) **PerlCtrl** (turns a Perl script into an ActiveX control) **Network Install** (enables installation on a network) **Win32 Perl Help** from O'Reilly and other tools for Perl developers The Perl Resource Kit, Win32 Edition, is brought to you by the premier publisher of Perl and Windows books and documentation, O'Reilly & Associates. **Learning Perl** "O'Reilly Media, Inc." 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. **Mastering Perl Creating Professional Programs with Perl** "O'Reilly Media, Inc." 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 upated 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 **Beginning Perl** [John Wiley & Sons](#) 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 to previous editions Beginning Perl provides the information and instruction you need to confidently get started with Perl. For Instructors: Classroom and training support material are available for this book. Software Engineering for Modern Web Applications: Methodologies and Technologies Methodologies and Technologies IGI Global "This book presents current, effective software engineering methods for the design and development of modern Web-based applications"--Provided by publisher. Perl in a Nutshell A Desktop Quick Reference "O'Reilly Media, Inc." 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 Programming Perl in the .NET Environment Prentice Hall Professional A practical introduction to programming in Perl utilizing the rich capabilities of Perl and the services provided by .NET. Perl Template Toolkit Scalable Templating for the Web "O'Reilly Media, Inc." Among the many different approaches to "templating" with Perl--such as Embperl, Mason, HTML::Template, and hundreds of other lesser known systems--the Template Toolkit is widely recognized as one of the most versatile. Like other templating systems, the Template Toolkit allows programmers to embed Perl code and custom macros into HTML documents in order to create customized documents on the fly. But unlike the others, the Template Toolkit is as facile at producing HTML as it is at producing XML, PDF, or any other output format. And because it has its own simple templating language, templates can be written and edited by people who don't know Perl. In short, the Template Toolkit combines the best features of its competitors, with ease-of-use and flexibility, resulting in a technology that's fast, powerful and extensible, and ideally suited to the production and maintenance of web content and other dynamic document systems. In Perl Template Toolkit you'll find detailed coverage of this increasingly popular technology. Written by core members of the technology's development team, the book guides you through the entire process of installing, configuring, using, and extending the Template Toolkit. It begins with a fast-paced but thorough tutorial on building web content with the Template Toolkit, and then walks you through generating and using data files, particularly with XML. It also provides detailed information on the Template Toolkit's modules, libraries, and tools in addition to a complete reference manual. Topics in the book include: Getting started with the template toolkit The Template language Template directives Filters Plugins Extending the Template Toolkit Accessing databases XML Advanced static web page techniques Dynamic web content and web applications The only book to cover this important tool, Perl Template Toolkit is essential reading for any Perl programmer who wants to create dynamic web content that is remarkably easy to maintain. This book is your surefire guide to implementing this fast, flexible, and powerful templating system. Intermediate Perl "O'Reilly Media, Inc." Perl is a versatile, powerful programming language used in a variety of disciplines, ranging from system administration to web programming to database manipulation. One slogan of Perl is that it makes easy things easy and hard things possible. Intermediate Perl is about making the leap from the easy things to the hard ones. Originally released in 2003 as Learning Perl Objects, References, and Modules and revised and updated for Perl 5.8, this book offers a gentle but thorough introduction to intermediate programming in Perl. Written by the authors of the best-selling Learning Perl, it picks up where that book left off. Topics include: Packages and namespaces References and scoping Manipulating complex data structures Object-oriented programming Writing and using modules Testing Perl code Contributing to CPAN Following the successful format of Learning Perl, we designed each chapter in the book to be small enough to be read in just an hour or two, ending with a series of exercises to help you practice what you've learned. To use the book, you just need to be familiar with the material in Learning Perl and have ambition to go further. Perl is a different language to different people. It is a quick scripting tool for some, and a fully-featured 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. Intermediate Perl is about learning to use Perl as a programming language, and not just a scripting language. This is the book that turns the Perl dabbler into the Perl programmer. Learning Perl "O'Reilly Media, Inc." 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.

Real World SQL Server Administration with Perl [Apress](#) "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.

Advanced Perl Programming From Advanced to Expert [Apress](#) 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.

C++ The Core Language ["O'Reilly Media, Inc."](#) A first book for C programmers transitioning to C++, an object-oriented enhancement of the C programming language. Designed to get readers up to speed quickly, this book thoroughly explains the important concepts and features and gives brief overviews of the rest of the language. Covers features common to all C++ compilers, including those on UNIX, Windows NT, Windows, DOS, and Macs

Perl Utilities Guide [Object Oriented Perl A Comprehensive Guide to Concepts and Programming Techniques](#) [Manning Publications Company](#) Reviews the programming language and covers topics including inheritance, polymorphism, Class::Struct and Class::Methodmaker modules, Perl ties and closures, operator overloading, encapsulation, and multiple dispatch.

Perl Hacks [Tips & Tools for Programming, Debugging, and Surviving](#) ["O'Reilly Media, Inc."](#) A guide to getting the most out of Perl covers such topics as productivity hacks, user interaction, data munging, working with modules, object hacks, and debugging.

Advanced Perl Programming [The Worlds Most Highly Developed Perl Tutorial](#) ["O'Reilly Media, Inc."](#) With a worldwide community of users and more than a million dedicated programmers, Perl has proven to be the most effective language for the latest trends in computing and business. Every programmer must keep up with the latest tools and techniques. This updated version of Advanced Perl Programming from O'Reilly gives you the essential knowledge of the modern Perl programmer. Whatever your current level of Perl expertise, this book will help you push your skills to the next level and become a more accomplished programmer.

O'Reilly's most high-level Perl tutorial to date, Advanced Perl Programming, Second Edition teaches you all the complex techniques for production-ready Perl programs. This completely updated guide clearly explains concepts such as introspection, overriding built-ins, extending Perl's object-oriented model, and testing your code for greater stability. Other topics include: Complex data structures Parsing Templating toolkits Working with natural language data Unicode Interaction with C and other languages In addition, this guide demystifies once complex topics like object-relational mapping and event-based development-arming you with everything you need to completely upgrade your skills.

Praise for the Second Edition: "Sometimes the biggest hurdle to problem solving isn't the subject itself but rather the sheer number of modules Perl provides. Advanced Perl Programming walks you through Perl's TMTOWTDI ("There's More Than One Way To Do It") forest, explaining and comparing the best modules for each task so you can intelligently apply them in a variety of situations." --Rocco Caputo, lead developer of POE "It has been said that sufficiently advanced Perl code is indistinguishable from magic. This book of spells goes a long way to unlocking those secrets. It has the power to transform the most humble programmer into a Perl wizard." --Andy Wardley "The information here isn't theoretical. It presents tools and techniques for solving real problems cleanly and elegantly." --Curtis 'Ovid' Poe "Advanced Perl Programming collects hard-earned knowledge from some of the best programmers in the Perl community, and explains it in a way that even novices can apply immediately." --chromatic, Editor of Perl.com

The Definitive Guide to Catalyst [Writing Extensible, Scalable and Maintainable Perl-Based Web Applications](#) [Apress](#) Learn to build web applications with

Catalyst, the popular open source web framework based on the Perl programming language. The Definitive Guide to Catalyst: Writing Extendable, Scalable, and Maintainable Perl-Based Web Applications is a definitive guide to Catalyst version 5.8. This book contains Training materials for new and experience programmers. Worked examples and cookbook-style recipes of common web application programming tasks Fundamentals of web application design and best-practice application style Perl Developer's Dictionary [Sams Publishing](#) 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. Perl and Apache Your visual blueprint for developing dynamic Web content [John Wiley & Sons](#) 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 use Perl 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. Perl Best Practices "[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. Learning Perl "[O'Reilly Media, Inc.](#)" 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. Mastering Perl "[O'Reilly Media, Inc.](#)" This is the third in O'Reilly's series of landmark Perl tutorials, which started with Learning Perl, the bestselling introduction that taught you the basics of Perl syntax, and Intermediate Perl, which taught you how to create re-usable Perl software. Mastering Perl pulls everything together to show you how to bend Perl to your will. It convey's Perl's special models and programming idioms. This book isn't a collection of clever tricks, but a way of thinking about Perl programming so you can integrate the real-life problems of debugging, maintenance, configuration, and other tasks you encounter as a working programmer. The book explains how to: Use advanced regular expressions, including global matches, lookarounds, readable regexes, and regex debugging Avoid common programming problems with secure programming techniques Profile and benchmark Perl to find out where to focus your improvements Wrangle Perl code to make it more presentable and readable See how Perl keeps track of package variables and how you can use that for some powerful tricks Define subroutines on the fly and turn the tables on normal procedural programming. Modify and jury rig modules to fix code without editing the original source Let your users configure your programs without touching the code Learn how you can detect errors Perl doesn't report, and how to tell users about them Let your Perl program talk back to you by using Log4perl Store data for later use in another program, a later run of the same program, or to send them over a network Write programs as modules to get the benefit of Perl's distribution and testing tools Appendices include "brian's Guide to Solving Any Perl Problem" to improve your troubleshooting skills, as well as suggested reading to continue your Perl education. Mastering Perl starts you on your path to becoming the person with the answers, and, failing that, the person who knows how to find the answers or discover the problem. Beginning Perl [Apress](#) 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. Perl is extremely flexible and powerful, and it isn't afraid of Web 2.0 or the cloud. Originally touted as the duct tape of the Internet, Perl has since evolved into a multipurpose, multiplatform language present absolutely everywhere: heavy-duty web applications, the cloud, systems administration, natural language processing, and financial engineering. Beginning Perl, Third Edition provides valuable insight into Perl's role regarding all of these tasks and more. Commencing with a comprehensive overview of language basics, you'll learn all about important concepts such as Perl's data types and control flow constructs. This material sets the stage for a discussion of more complex topics, such as writing custom functions, using regular expressions, and file input and output. Next, the book moves on to the advanced topics of object-oriented programming, modules, web programming, and database administration with Perl's powerful database interface module, DBI. The examples and code provided offer you all of the information you need to start writing your own powerful scripts to solve the problems listed above, and many more. Whether you are a complete novice or an experienced programmer, Beginning Perl, Third Edition offers an ideal guide to learning Perl. CJKV Information Processing "[O'Reilly Media, Inc.](#)" First published a decade ago, CJKV Information Processing quickly became the unsurpassed source of information on processing text in Chinese, Japanese, Korean, and Vietnamese. It has now been thoroughly updated to provide web and application developers with the latest techniques and tools for disseminating information directly to audiences in East Asia. This second edition reflects the considerable impact that Unicode, XML, OpenType, and newer operating systems such as Windows XP, Vista, Mac OS X, and Linux have had on East Asian text processing in recent years. Written by its original author, Ken Lunde, a Senior Computer Scientist in CJKV Type Development at Adobe Systems, this book will help you:

Learn about CJKV writing systems and scripts, and their transliteration methods Explore trends and developments in character sets and encodings, particularly Unicode Examine the world of typography, specifically how CJKV text is laid out on a page Learn information-processing techniques, such as code conversion algorithms and how to apply them using different programming languages Process CJKV text using different platforms, text editors, and word processors Become more informed about CJKV dictionaries, dictionary software, and machine translation software and services Manage CJKV content and presentation when publishing in print or for the Web Internationalizing and localizing applications is paramount in today's global market -- especially for audiences in East Asia, the fastest-growing segment of the computing world. CJKV Information Processing will help you understand how to develop web and other applications effectively in a field that many find difficult to master. Enterprise Patterns and MDA Building Better Software with Archetype Patterns and UML [Addison-Wesley Professional](#) Enterprise Patterns and MDA teaches you how to customize any archetype pattern-such as Customer, Product, and Order-to reflect the idiosyncrasies of your own business environment. Because all the patterns work harmoniously together and have clearly documented relationships to each other, you'll come away with a host of reusable solutions to common problems in business-software design. This book shows you how using a pattern or a fragment of a pattern can save you months of work and help you avoid costly errors. You'll also discover how-when used in literate modeling-patterns can solve the difficult challenge of communicating UML models to broad audiences. The configurable patterns can be used manually to create executable code. However, the authors draw on their extensive experience to show you how to tap the significant power of MDA and UML for maximum automation. Not surprisingly, the patterns included in this book are highly valuable; a blue-chip company recently valued a similar, but less mature, set of patterns at hundreds of thousands of dollars. Use this practical guide to increase the efficiency of your designs and to create robust business applications that can be applied immediately in a business setting. On Perl Perl for Students and Professionals [Universal-Publishers](#) 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. Running Weblogs with Slash ["O'Reilly Media, Inc."](#) This is written for system administrators who may not have the time to learn about Slash by reading the source code. It collects all the current Slash knowledge from the code, Website and mailing lists and organizes it into a coherent package. Korn Shell / Ksh Essential Programs for Your Survival at Work, Book 1 in the Rosetta Stone Series for Computer Programmers and Script-writers [LARRY L. SMITH](#) This book, for UNIX-LINUX computer users, provides the beginner AND the 'guru' with practical, real-world examples and Korn shell (ksh) scripts that make tough jobs easy. With this book, you can ... - Make your boss happy right NOW!- Learn a new language.- Master an old language.- Write scripts that solve problems.- Provide Quality Assurance.- Be a master troubleshooter.- Analyze logs, verify data.- Make tough jobs easy! Sockets, Shellcode, Porting, and Coding: Reverse Engineering Exploits and Tool Coding for Security Professionals [Elsevier](#) The book is logically divided into 5 main categories with each category representing a major skill set required by most security professionals: 1. Coding - The ability to program and script is quickly becoming a mainstream requirement for just about everyone in the security industry. This section covers the basics in coding complemented with a slue of programming tips and tricks in C/C++, Java, Perl and NASL. 2. Sockets - The technology that allows programs and scripts to communicate over a network is sockets. Even though the theory remains the same - communication over TCP and UDP, sockets are implemented differently in nearly ever language. 3. Shellcode - Shellcode, commonly defined as bytecode converted from Assembly, is utilized to execute commands on remote systems via direct memory access. 4. Porting - Due to the differences between operating platforms and language implementations on those platforms, it is a common practice to modify an original body of code to work on a different platforms. This technique is known as porting and is incredible useful in the real world environments since it allows you to not "recreate the wheel. 5. Coding Tools - The culmination of the previous four sections, coding tools brings all of the techniques that you have learned to the forefront. With the background technologies and techniques you will now be able to code quick utilities that will not only make you more productive, they will arm you with an extremely valuable skill that will remain with you as long as you make the proper time and effort dedications. *Contains never before seen chapters on writing and automating exploits on windows systems with all-new exploits. *Perform zero-day exploit forensics by reverse engineering malicious code. *Provides working code and scripts in all of the most common programming languages for readers to use TODAY to defend their networks. Beginning Perl for Bioinformatics An Introduction to Perl for Biologists ["O'Reilly Media, Inc."](#) With its highly developed capacity to detect patterns in data, Perl has become one of the most popular languages for biological data analysis. But if you're a biologist with little or no programming experience, starting out in Perl can be a challenge. Many biologists have a difficult time learning how to apply the language to bioinformatics. The most popular Perl programming books are often too theoretical and too focused on computer science for a non-programming biologist who needs to solve very specific problems. Beginning Perl for Bioinformatics is designed to get

you quickly over the Perl language barrier by approaching programming as an important new laboratory skill, revealing Perl programs and techniques that are immediately useful in the lab. Each chapter focuses on solving a particular bioinformatics problem or class of problems, starting with the simplest and increasing in complexity as the book progresses. Each chapter includes programming exercises and teaches bioinformatics by showing and modifying programs that deal with various kinds of practical biological problems. By the end of the book you'll have a solid understanding of Perl basics, a collection of programs for such tasks as parsing BLAST and GenBank, and the skills to take on more advanced bioinformatics programming. Some of the later chapters focus in greater detail on specific bioinformatics topics. This book is suitable for use as a classroom textbook, for self-study, and as a reference. The book covers: Programming basics and working with DNA sequences and strings Debugging your code Simulating gene mutations using random number generators Regular expressions and finding motifs in data Arrays, hashes, and relational databases Regular expressions and restriction maps Using Perl to parse PDB records, annotations in GenBank, and BLAST output **BEG PERL**, [Springer](#) This book aims to give existing Perl programmers more detailed knowledge of some of the more advanced elements of the language. **Perl** [O'Reilly Media](#) Here is a comprehensive collection of Win32 Perl documentation and commercially enhanced software tools. The kit provides over 1,000 pages of tutorial and in-depth reference documentation for Perl modules and utilities in three volumes. The CD-ROM contains the complete Perl for Win32 5.005 distribution, plus hundreds of freeware Perl modules and utilities. **Perl for Bio Informatics I** [Lulu.com](#) **Perl 6 Quick Syntax Reference A Pocket Guide to the Language, the Core Modules, and the Community** [Apress](#) This condensed code and syntax reference book presents the Raku (formerly known as Perl 6) scripting language in a well-organized format designed to be used time and again. It contains an easy-to-read and use guide to Raku for software application development. Using this book will give you a feel for the language, as well as an introduction to the different features (such as object-oriented programming) that make Raku such a unique language. You won't find any technical jargon, bloated samples, drawn out history lessons, or witty stories in this book. **Perl 6 Quick Syntax Reference** is packed with useful information and is a must-have for any developer new to Raku. **What You Will Learn** Use Raku expressions and operators Work with Raku data access and persistent data Process complex data structures available in Raku Work with functions, modules, and more Use Raku classes, roles, and traits Take advantage of regular expressions and grammars using Raku Use the Unicode standard to its full extent in your scripts **Who This Book Is For** Those new to Raku who have at least some programming experience in any scripting language. **HTML, the Definitive Guide** [Oreilly & Associates Incorporated](#) Explains how to use style sheets, create tables and frames, build interactive forms and dynamic documents, and insert special effects into Web pages **SUSE Linux 10 Unleashed** [Sams Publishing](#) Provides information on the installation, use, and administration of Suse Linux 10. **Learning Perl on Win32 Systems** "O'Reilly Media, Inc." Introduces a smooth, carefully paced course, leading Perl trainers and Windows NT practitioners in the language that promises to emerge as the scripting language of choice for NT, a language used to manipulate texts, files, and user and group profiles. Original. (Intermediate).