Perl By Example 4th Edition

Perl soared to popularity as a language for creating and managing web content, but with LWP (Library for WWW in Perl), Perl is equally adept at consuming information on the Web. LWP is a suite of modules for fetching and processing web pages.The Web is a vast data source that contains everything from stock prices to movie credits, and with LWP all that data is just a few lines of code away. Anything you do on the Web, whether it's buying or selling, reading or writing, uploading or downloading, news to e-commerce, can be controlled with Perl and LWP. You can automate Web-based purchase orders as easily as you can set up a program to download MP3 files from a web site.Perl & LWP covers: Understanding LWP and its design Fetching and analyzing URLs Extracting information from HTML using regular expressions and tokens Working with the structure of HTML documents using trees Setting and inspecting HTTP headers and response codes Managing cookies Accessing information that requires authentication Extracting links Cooperating with proxy caches Writing web spiders (also known as robots) in a safe fashion Perl & LWP includes many step-by-step examples that show how to apply the various techniques. Programs to extract information from the web sites of BBC News, Altavista, ABEBooks.com, and the Weather Underground, to name just a few, are explained in detail, so that you understand how and why they work.Perl programmers who want to automate and mine the web can pick up this book and be immediately productive. Written by a contributor to LWP, and with a foreword by one of LWP's creators, Perl & LWP is the authoritative guide to this powerful and popular toolkit.
* Avoids proof-of-concept examples in favor of teaching

readers how to produce well-coded secure CGI applications that will stand up to the demands of being placed into the potentially hostile environment of the Internet. * Takes a holistic approach to web application development and includes instruction on how to use ancillary programs such as Mason and Nagios that the reader will need to be familiar with in order to progress. * The book's comprehensive scope tackles all the areas of Perl web application development the reader is likely to need in creating their first web applications. Whether you are active in security management or studying for the CISSP exam, you need accurate information you can trust. A practical reference and study guide, Information Security Management Handbook, Fourth Edition, Volume 3 prepares you not only for the CISSP exam, but also for your work as a professional. From cover to cover the book gives you the information you need to understand the exam's core subjects. Providing an overview of the information security arena, each chapter presents a wealth of technical detail. The changes in the technology of information security and the increasing threats to security from open systems make a complete and up-to-date understanding of this material essential. Volume 3 supplements the information in the earlier volumes of this handbook, updating it and keeping it current. There is no duplication of material between any of the three volumes. Because the knowledge required to master information security - the Common Body of Knowledge (CBK) - is growing so quickly, it requires frequent updates. As a study guide or resource that you can use on the job, Information Security Management Handbook, Fourth Edition, Volume 3 is the book you will refer to over and over again. Practical Programming in Tcl/Tk, 4th edition Authoritative coverage of every Tcl and Tk command in the core toolkits State-of-the-art Tk GUI coverage for Tcl, Perl, Python, and Ruby developers Covers all key Tcl 8.4 enhancements: VFS,

internationalization and performance improvements, new widgets, and much more Covers multi-threaded Tcl applications and Starkits, a revolutionary way to package and deploy Tcl applications The world's #1 guide to Tcl/Tk has been thoroughly updated to reflect Tcl/Tk8.4's powerful improvements in functionality, flexibility, and performance!Brent Welch, Ken Jones, and Jeffrey Hobbs, three of the world's leading Tcl/Tk experts, cover every facet of Tcl/Tk programming, including cross-platform scripting and GUI development, networking, enterprise application integration, and much more.Coverage includes: Systematic explanations and sample code for all Tcl/Tk 8.4 core commands Complete Tk GUI development guidance--perfect for developers working with Perl, Python, or Ruby Insider's insights into Tcl 8.4's key enhancements: VFS layer, internationalized font/character set support, new widgets, and more Definitive coverage of TclHttpd web server--written by its creator New ways to leverage Tcl/Tk 8.4's major performance improvements Advanced coverage: threading, Safe Tcl, Tcl script library, regular expressions, and namespaces Whether you1re upgrading to Tcl/Tk 8.4, or building GUIs for applicationscreated with other languages, or just searching for a better cross-platformscripting solution, Practical Programming in Tcl and Tk, Fourth Editiondelivers all you need to get results!
Presents an introduction to the three major Unix shells and the Linux shells along with a discussion of tools, regular expressions, and quoting rules.
The most comprehensive Perl book in the market - with more than 1000 examples and three bonus chapters in the CD - ROM - the new editions of the best selling Perl Black Book covers Perl 5.6 from basic syntax to the most advanced Internet Programming. Three new chapters have been added to this second edition covering XML with DOM, SAX, CGI,

SOAP, and WML. From Perl essentials to working with XML and WML, from creating guest books to writing bi-directional Internet socket programs to implementing shopping cart programs, this book covers as much Perl as any two books, and includes hundreds of pages on CGI Programming. Plus, every topic is illustrated with at least one fully functional working example.Chapter 1: Essential PerlChapter 2: Scalar Variables and ListsChapter 3: Arrays and HashesChapter 4: Operators and PrecedenceChapter 5: Conditional Statements and LoopsChapter 6: Regular ExpressionsChapter 7: SubroutinesChapter 8: Formats and String HandlingChapter 9: ReferencesChapter 10: Predefined VariablesChapter 11: Built-In Functions: Data ProcessingChapter 12: Built-In Functions: I/OChapter 13: Built-In Functions: File HandlingChapter 14: Standard ModulesChapter 15: Perl/Tk - Windows, Buttons, and MoreChapter 16: Data Structures and DatabasesChapter 17: Creating Packages and ModulesChapter 18: Creating Classes and ObjectsChapter 19: Object-Oriented ProgrammingChapter 20: Internet and Socket ProgrammingChapter 21: CGI ProgrammingChapter 22: CGI: Creating Web Counters, Guest Books, EMailers and Secure ScriptsChapter 23: CGI: Creating Multiuser Chat, Server Push, Cookies and GamesChapter 24: CGI: Creating Shopping Carts, Databases, Site Searches and File UploadsChapter 25: XML: DOM ParsingChapter 26: XML: Modifying Document Content and SAX ParsingChapter 27: XML: CGI, SOAP and WMLChapter 28: Handling the Web in Code
This is the only book completely devoted to the popular BLAST (Basic Local Alignment Search Tool), and one that every biologist with an interest in sequence analysis should learn from.
The fourth edition of Embedded Systems takes a big leap from the fundamentals of hardware to Edge Computing,

Embedded IoT & Embedded AI. The book discusses next generation embedded systems topics, such as embedded SoC, Exascale computing systems and embedded systems' tensor processing units. This thoroughly updated edition serves as a textbook for engineering students and reference book for students of software-training institutions and embedded-systems-design professionals. Salient Features: 1. New chapters on IoT system architecture and design & Embedded AI 2. Case studies, such as, of Automatic Chocolate Vending Machine and Automobile Cruise Control 3. Bloom's Taxonomy-based chapter structure 4. Rich Pedagogy o 1000+ Self-assessment questions o 150+ MCQs o 220+ Review questions o 200+ Practice exercises

A world list of books in the English language.

De ITIL pocketguides van Van Haren Publishing worden al lange tijd beschouwd als een betrouwbare gids op het gebied van ITIL, in vele taalversies. Deze publicaties hebben een vaste plaats verworven als naslagwerk voor professionals en als hulpmiddel bij het toepassen van best practices in een organisatie. Deze pocketguide maakt lezers bekend met het ITIL 4 framework door: • inzicht te verkrijgen in de belangrijkste concepten van servicemanagement • te begrijpen hoe de zeven ITIL-basisprincipes een organisatie kunnen helpen bij het adopteren en toepassen van servicemanagement • inzicht te verkrijgen in de vier dimensies van servicemanagement • inzicht te verkrijgen in het doel en de componenten van het ITIL-servicewaardesysteem • inzicht te verkrijgen in de zes activiteiten van de servicewaardeketen en hoe deze onderling verbonden zijn • het doel en de belangrijkste begrippen van 15 van de 34 ITIL-practices te leren kennen • zeven van die 15

ITIL-practices in detail te leren begrijpen Deze pocketguide geeft uitleg over alle exameneisen voor het ITIL 4 Foundation examen en biedt tevens ondersteuning voor iedereen die eerdere ITIL-edities kent en op zoek is naar een brug naar deze nieuwe editie. ITIL 4 heeft een grote sprong gemaakt in de moderne wereld van IT-servicemanagement, waarbij de nieuwste principes en practices worden behandeld op een klantgerichte en servicegerichte manier.

Creating variable documents entails integrating graphic design, digital asset management, and applied information technology - each a study by itself. Managing work flows and automating processes adds intricacy. It just gets more and more convoluted! It's possible to produce a variety of sophisticated results and resolve many communication needs with some fundamental techniques and a few basic tools. That's what this book is all about - giving the reader a starting point, a small collection of essential details, and some examples to build upon. This book is aimed at a diverse audience. The approach throughout is "show and tell." Early chapters deal with mechanics to lay the foundation for later chapters centered on process walkthroughs and document assessments. The intent is to provide a basic introduction to the technical interplay of digital assets, information management, and variable print,

The Librarian's Introduction to Programming Languages presents case studies and practical applications for using the top programming languages in library and information settings. While there are books and Web sites devoted to teaching programming, there are few

works that address multiple programming languages or address the specific reasons why programming is a critical area of learning for library and information science professionals. There are many books on programming languages but no recent items directly written for librarians that span a variety of programs. Many practicing librarians see programming as something for IT people or beyond their capabilities. This book will help these librarians to feel comfortable discussing programming with others by providing an understanding of when the language might be useful, what is needed to make it work, and relevant tools to extend its application. Additionally, the inclusion of practical examples lets readers try a small "app" for the language. This also will assist readers who want to learn a language but are unsure of which language would be the best fit for them in terms of learning curve and application. The languages covered are JavaScript, PERL, PHP, SQL, Python, Ruby, C, C#, and Java. This book is designed to provide a basic working knowledge of each language presented. Case studies show the programming language used in real ways, and resources for exploring each language in more detail are also included.

This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. The World's Easiest Perl Tutorial-Fully Updated! Perl by Example, Fourth Edition, is the easiest, most hands-on way to learn Perl. Legendary Silicon Valley programming instructor Ellie Quigley has thoroughly updated her classic to deliver the

skills and information today's Perl users need most-including all-new coverage of MySQL database programming and a Perl QuickStart designed to get experienced users up and running fast. Quigley illuminates eve.

This publication helps strengthen the position of IBM® software solutions and enables for High Performance Computing (hardware, software, and tools) with a well-defined and documented deployment model within an IBM environment. As a result, customers receive a planned foundation for dynamic infrastructure for parallel High Performance Computing (HPC) applications. This IBM Redbooks® publication addresses topics to take advantage of the strengths of IBM PE Developers Edition for HPC applications. The objective is to solve customer's challenges and maximize systems' throughput, performance, and management. This publication examines the tools, utilities, documentation, and other resources available to help the IBM technical teams provide solutions and support for IBM HPC solutions in an IBM hardware environment. This IBM Redbooks is targeted toward technical professionals (consultants, technical support staff, IT Architects, and IT Specialists) responsible for providing HPC solutions and support.

XML is a text-based markup language that has taken the programming world by storm. More powerful than HTML yet less demanding than SGML, XML has proven itself to be flexible and resilient. XML is the perfect tool for formatting documents with even the smallest bit of complexity, from Web pages to legal contracts to books.

However, XML has also proven itself to be indispensable for organizing and conveying other sorts of data as well, thus its central role in web services like SOAP and XML-RPC.As the Perl programming language was tailor-made for manipulating text, few people have disputed the fact that Perl and XML are perfectly suited for one another. The only question has been what's the best way to do it. That's where this book comes in.Perl & XML is aimed at Perl programmers who need to work with XML documents and data. The book covers all the major modules for XML processing in Perl, including XML::Simple, XML::Parser, XML::LibXML, XML::XPath, XML::Writer, XML::Pyx, XML::Parser::PerlSAX, XML::SAX, XML::SimpleObject, XML::TreeBuilder, XML::Grove, XML::DOM, XML::RSS, XML::Generator::DBI, and SOAP::Lite. But this book is more than just a listing of modules; it gives a complete, comprehensive tour of the landscape of Perl and XML, making sense of the myriad of modules, terminology, and techniques.This book covers: parsing XML documents and writing them out again working with event streams and SAX tree processing and the Document Object Model advanced tree processing with XPath and XSLT Most valuably, the last two chapters of Perl & XML give complete examples of XML applications, pulling together all the tools at your disposal. All together, Perl & XML is the single book that gives you a solid grounding in XML processing with Perl. In the days before personal computers, BASIC was the easyprogramming language to learn, and serious programmers learnedFORTRAN or COBOL to do "real

work." Today, many peoplehave discovered that Perl is both a great beginning programminglanguage and one that enables them to write powerful programswith little effort. If you're interested in discovering how to program (or howothers program), Perl For Dummies, 4th Edition, is for you.If you already know something about programming (but not aboutPerl), this book is also for you. If you're already an expertprogrammer, you're still welcome to read this book; you canjust skip the basic stuff (you never know what kind of new tips andtricks you'll pick up). This reference guide shows you how to use Perl under manydifferent operating systems, such as UNIX, many flavors of Windows(Windows 95/98, Windows NT, Windows 2000, Windows Me, and WindowsXP), and Macintosh OS 9 and OS X; in fact, Perl runs on many moreoperating systems than these. Here's a sampling of what Perl For Dummies, 4th Edition,has to offer: Installing Perl on various platforms Nailing down the basics of building Perl programs Working with text and numbers Constructing lists and working with them Creating conditionals and loops Delving into more advanced features such as operators andfunctions Reading and writing files and directories Using subroutines for modularity Demystifying Web server programs Creating your own Internet clients The Perl programming language enables you to write fully workingcomputer programs with just a few steps. It's particularlygood at common programming tasks, such as reading and writing textfiles, but it also excels at reducing the work that programmershave to do. Perl For Dummies, 4th Edition, shows you how todo all of that

and how to modify programs to your heart'scontent.
After all, one of the common phrases in the world of
Perlprogrammers is, "There's more than one way to
doit."
"Practical solutions for rapid Web services
development"--Cover.
Perl is a very powerful tool for Oracle database
administrators, but too few DBAs realize how helpful Perl can
be in managing, monitoring, and tuning Oracle databases.
Whether you're responsible for Oracle9i, Oracle8i, or earlier
databases, you'll find Perl an invaluable addition to your
database administration arsenal.You don't need to be a Perl
expert to use the excellent applications and scripts described
in Perl for Oracle DBAs. The book explains what you need to
know about Perl, provides a wealth of ready-to-use scripts
developed especially for Oracle DBAs, and suggests many
resources for further exploration. The book covers: The Perl
language -- an introduction to Perl, its rich history and culture,
and its extensive text processing and data transformation
capabilities. The Perl/Oracle architecture -- Detailed
information about Perl DBI, DBD::Oracle, the Oracle Call
Interface (OCI), Oracle::OCI, extproc_perl, and mod_perl, the
modules that allow Perl programs to communicate with
Oracle databases. Perl applications for Oracle DBAs --
Profiles of the best Perl open source applications available for
use and customization by Oracle DBAs: Perl/Tk, OraExplain,
StatsView, Orac, DDL::Oracle, SchemaDiff, Senora,
DBD::Chart, SchemaView-Plus, Oracletool, Karma, Embperl,
and Mason. The Perl Database Administration (PDBA) Toolkit
-- a comprehensive suite of specialized, ready-to-use scripts
designed to help Oracle DBAs perform both routine and
special-purpose administrative tasks: monitoring the Oracle
alert log and databases, creating and managing Oracle user

accounts, maintaining indexes and extents, extracting DDL and data, troubleshooting and tuning database problems, and much more. The book also explains how Oracle DBAs and developers can extend the toolkit and solve their own database administration problems using Perl.

Find a Perl programmer, and you'll find a copy of Perl Cookbook nearby. Perl Cookbook is a comprehensive collection of problems, solutions, and practical examples for anyone programming in Perl. The book contains hundreds of rigorously reviewed Perl "recipes" and thousands of examples ranging from brief one-liners to complete applications.The second edition of Perl Cookbook has been fully updated for Perl 5.8, with extensive changes for Unicode support, I/O layers, mod_perl, and new technologies that have emerged since the previous edition of the book. Recipes have been updated to include the latest modules. New recipes have been added to every chapter of the book, and some chapters have almost doubled in size.Covered topic areas include: Manipulating strings, numbers, dates, arrays, and hashes Pattern matching and text substitutions References, data structures, objects, and classes Signals and exceptions Screen addressing, menus, and graphical applications Managing other processes Writing secure scripts Client-server programming Internet applications programming with mail, news, ftp, and telnet CGI and mod_perl programming Web programming Since its first release in 1998, Perl Cookbook has earned its place in the libraries of serious Perl users of all levels of expertise by providing practical answers, code examples, and mini-tutorials addressing the challenges that programmers face. Now the second edition of this bestselling book is ready to earn its place among the ranks of favorite Perl books as well.Whether you're a novice or veteran Perl programmer, you'll find Perl Cookbook, 2nd Edition to be one of the most useful books on Perl available.

Its comfortable discussion style and accurate attention to detail cover just about any topic you'd want to know about. You can get by without having this book in your library, but once you've tried a few of the recipes, you won't want to. Graphics programmers aren't the only ones who need to be proficient with graphics. Web and applications programmers know that a dull web page can be quickly transformed into one that's interesting and lively with the use of well-planned graphics. And fortunately, you don't need the skills of a fulltime graphics programmer to use graphics effectively. From access counters and log report graphs to scientific plots and on-the-fly animated GIFs, graphics scripting is within the grasp of most web programmers. Using open source software, like Perl, you have the power to dynamically generate graphics based on user input and activity, easily manipulate graphics content, and optimize graphics for compression and quality.Geared toward Perl users and webmasters, Perl Graphics Programming focuses on open-source scripting programs that manipulate graphics files for use on the Web. The book demystifies the manipulation of graphics formats for newcomers to the Web with a practical, resource-like approach. With this book you'll learn to: Generate dynamic web graphics with charts, tables, and buttons Automate graphics tasks (thumbnails and borders) Create dynamics web documents (PDF, Postscript) Produce rich Internet experiences with Flash and SVG You'll begin with a tour of the most common web graphic file formats--PNG, JPEG, GIF, SWF, SVG, Postscript and PDF--then you'll explore the most powerful tools and Perl modules available for manipulating these graphics, such as GD, PerlMagick, and GIMP. Included in this part of the book is a thorough description of the Ming module for creating on-the-fly Flash files. Next, a "cookbook" section includes practical, all purpose recipes: GIF animation, generating

images within a dynamic application, communicating between SWF front-end and Perl back-end, XSLT transformations, compression, and much more.Perl programmers naturally turn to Perl to tackle whatever challenge they have at hand, and graphics programming is no exception. Perl Graphics Programming provides all the tools you need to begin programming and designing graphics for the Web immediately. This book will change how you think about generating and manipulating graphics for the Web. This book deals with, but is not limited to, the following: (1) A collection of typical computer programs written in Python and Matlab for scientific computations and their comparisons; (2) Interfaces of Php, Python, Perl with Matlab and vice versa; (3) Use of MySQL tables and XML for storing and transmitting scientific and economic data in scientific programming with Matlab, Python and Perl; (4) Converting from XML to MySQL tables and vice versa using Php; (5) Creating XML and MySQL tables and retrieving data from them for inputting to Matlab and to Python, using Php. It is assumed that the reader has had some knowledge of Php, Matlab, Python, Perl, MySQL and XML. As this book is written with Matlab programmers in mind, the following books are highly recommended for understanding the details of computer programs in this book: (1) Julie C. Meloni, PHP, MySQL and Apache,All in One, 4th ed. (2) Hans Petter Langstangen, A Primer on Scientific Programming with Python. (3) Robin Nixon, PHP, MySQL & JavaScript. K.Y. CHEUNG Master the programming language of choice among statisticians and data analysts worldwide Coming to grips with R can be tough, even for seasoned statisticians and data analysts. Enter R For Dummies, the quick, easy way to master all the R you'll ever need. Requiring no prior programming experience and packed with practical examples, easy, step-by-step exercises, and sample code, this

extremely accessible guide is the ideal introduction to R for complete beginners. It also covers many concepts that intermediate-level programmers will find extremely useful. Master your R ABCs ? get up to speed in no time with the basics, from installing and configuring R to writing simple scripts and performing simultaneous calculations on many variables Put data in its place ? get to know your way around lists, data frames, and other R data structures while learning to interact with other programs, such as Microsoft Excel Make data dance to your tune ? learn how to reshape and manipulate data, merge data sets, split and combine data, perform calculations on vectors and arrays, and much more Visualize it ? learn to use R's powerful data visualization features to create beautiful and informative graphical presentations of your data Get statistical ? find out how to do simple statistical analysis, summarize your variables, and conduct classic statistical tests, such as t-tests Expand and customize R ? get the lowdown on how to find, install, and make the most of add-on packages created by the global R community for a wide variety of purposes Open the book and find: Help downloading, installing, and configuring R Tips for getting data in and out of R Ways to use data frames and lists to organize data How to manipulate and process data Advice on fitting regression models and ANOVA Helpful hints for working with graphics How to code in R What R mailing lists and forums can do for you
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.
Discusses the ties between biology and computer science, how to program, basic PERL programming concepts, and how to use PERL to perform tasks including analyzing genetic codes.

In its first five years of existence, The Perl Journal (TPJ) became the voice of the Perl community. Every serious Perl programmer subscribed to it, and every notable Perl guru jumped at the opportunity to write for it. TPJ explained critical Perl topics and demonstrated Perl's utility for fields as diverse as astronomy, biology, economics, AI, and games. Back issues were hoarded, or swapped like trading cards. No longer in print format, The Perl Journal remains a proud and timeless achievement of Perl during one of its most exciting periods of development. Web, Graphics & Perl/Tk is the second volume of The Best of the Perl Journal, compiled and re-edited by the original editor and publisher of The Perl Journal, Jon Orwant. In this series, we've taken the very best (and still relevant) articles published in TPJ over its five years of publication and immortalized them into three volumes. The forty articles included in this volume are simply some of the best Perl articles ever written on the subjects of graphics, the Web, and Perl/Tk, by some of the best Perl authors and coders. Much of Perl's success is due to its capabilities for developing web sites; the Web section covers popular topics such as CGI programs, mod_perl, spidering, HTML parsing, security, and content management. The Graphics section is a grab bag of techniques, ranging from simple graph generation to ray tracing and real-time video digitizing. The Perl/Tk section shows you how

to use the popular Perl/Tk toolkit for developing graphical applications that work on both Unix/Linux and Windows without a single change. Written by twenty-three of the most prominent and prolific members of the closely-knit Perl community, including Lincoln Stein, Mark-Jason Dominus, Alligator Descartes, and Dan Brian, this anthology does what no other book can, giving unique insight into the real-life applications and powerful techniques made possible by Perl.

This step-by-step guide offers bloggers, web developers and programmers an understanding of content syndication and the technologies that make it possible. It highlights all the new features of RSS 2.0, and offers complete coverage of its rival technology, Atom.

Explains how to use CGI to provide information servers on the Web and includes coverage of Perl Version 5, CGI.pm, CGI_lite, FastCGI, and mod_perl.

The Internet Encyclopedia in a 3-volume reference work on the internet as a business tool, IT platform, and communications and commerce medium.

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

The World's Easiest Java Script Tutorial—Fully Updated! JavaScript by Example, Second Edition, is the easiest, most hands-on way to learn JavaScript.

Legendary programming instructor Ellie Quigley has thoroughly updated her classic book to deliver the skills and information today's JavaScript users need most—including up-to-the-minute coverage of JavaScript programming constructs, CSS, Ajax, JSON, and the latest JavaScript libraries and best practices. Quigley illuminates every technique with focused, classroom-tested code examples, detailed line-by-line explanations, and real program output. This exceptionally clear, easy-to-understand book takes you from your first script to advanced techniques. It's the only JavaScript book you'll ever need! New in This Edition End-of-chapter study tools, including classroom-tested labs Programming the DOM More Cascading Style Sheets Introduction to Ajax and JSON Explanation of how to develop interactive Web applications with dynamic, desktop-style interfaces Programmers' preparation for HTML 5's breakthrough capabilities This edition has been completely updated and includes many new and completely rewritten code examples; contains fully revised and updated coverage of Cascading Style Sheets (CSS) and the Document Object Model (DOM); and fully covers modern JavaScript concepts, principles, and programming techniques. Thousands of Web developers, administrators, and power users have relied on JavaScript by Example to become expert JavaScript programmers. With this new edition, you can, too—even if you're completely

new to JavaScript. After you've become an expert, you'll turn to this book constantly as the best source for trustworthy answers, solutions, and code. The World's Easiest Perl 5 Tutorial—Updated for Today's Applications and "Modern Perl" Best Practices "When I look at my bookshelf, I see eleven books on Perl programming. Perl by Example, Third Edition, isn't on the shelf; it sits on my desk, where I use it almost daily. I still think it is the best Perl book on the market for anyone—beginner or seasoned programmer—who uses Perl daily." —Bill Maples, Enterprise Network Support, Fidelity National Information Services Perl by Example, Fifth Edition, is the proven, easy way to master Perl 5 programming. Legendary Silicon Valley programming instructor Ellie Quigley has fully updated and focused her classic text on today's key Perl applications, especially automation, testing, data extraction, and legacy code maintenance. She has also revised this edition to reflect "modern Perl" practices that have emerged since Perl 5.10. Quigley illuminates every technique with focused, classroom-tested code examples. For each example, she shows you code, input, and output, and provides detailed, line-by-line explanations of how the code generates that output. And her coverage is comprehensive, from basic syntax to regular expression handling, files, references, objects, working with databases, and much more…plus

appendices that contain a complete list of functions and definitions, command-line switches, special variables, and popular modules. New in This Edition • Modern Perl approaches to using data types, operators, conditions, subroutines, packages, modules, references, pointers, files, objects, and more • Many new examples, covering automation, testing, and data extraction • A tutorial on writing object-oriented Perl with the Moose object system • An introduction to Dancer, a powerful web application framework designed to replace CGI • Updated code examples throughout More than 50,000 sysadmins, power users, and developers have used this book's previous editions to become expert Perl programmers, and you can, too–even if you're completely new to Perl. Then, once you're an expert, you'll routinely return to this practical guide as the best source for reliable answers, solutions, and code. A more focused, quicker read than ever, this clear and practical guide will take you from your first Perl script to advanced applications. It's the only Perl text you'll need. Ellie Quigley has taught scripting in Silicon Valley for more than twenty-five years. Her Perl and shell programming classes at the University of California, Santa Cruz Extension are part of Silicon Valley lore. Her other best-selling Prentice Hall books include UNIX® Shells by Example, Fourth Edition; PHP and MySQL by Example (with Marko Gargenta); and JavaScript by

Example. A major player in developing UCSC's Silicon Valley Extension program, she has created and customized courses for pioneering firms, including Xilinx, NetApp, Yahoo, and Juniper. CSS in easy steps, 4th edition begins by explaining how Cascading Style Sheets (CSS) can determine the presentation of elements within HTML documents. Examples show how style sheet rules can control content position and appearance, and provide dynamic effects with animation, transformations, and transitions. You will also learn how to design responsive web pages that look great viewed on any device. Each chapter builds your knowledge of style sheets. By the end of this book you will have gained a sound understanding of CSS and be able to create your own exciting interactive web pages. CSS in easy steps, 4th edition contains examples that provide clear syntax-highlighted code showing how to selectively style elements of an HTML document and how to endow elements with interactive functionality, to illustrate each aspect of CSS. CSS in easy steps, 4th edition has an easy-to-follow style that will appeal to anyone who wants to begin creating stylish web pages. It will appeal to programmers who want to quickly learn the latest style sheet techniques, and to the student who is studying website design at school or college, and to those seeking a career in web development who need a thorough understanding of CSS. Table of

Contents: 1. Get Started in CSS 2. Manage the Box Model 3. Manipulate Text Styles 4. Organize Tables and Lists 5. Generate Effects 6. Control the Web Page 7. Apply Custom Styles 8. Design with Grids 9. Design for Devices

Presents a guide to the features and library modules of the Python programming language.

"The book you are about to read will arm you with the knowledge you need to defend your network from attackers—both the obvious and the not so obvious.... If you are new to network security, don't put this book back on the shelf! This is a great book for beginners and I wish I had access to it many years ago. If you've learned the basics of TCP/IP protocols and run an open source or commercial IDS, you may be asking 'What's next?' If so, this book is for you." —Ron Gula, founder and CTO, Tenable Network Security, from the Foreword "Richard Bejtlich has a good perspective on Internet security—one that is orderly and practical at the same time. He keeps readers grounded and addresses the fundamentals in an accessible way." —Marcus Ranum, TruSecure "This book is not about security or network monitoring: It's about both, and in reality these are two aspects of the same problem. You can easily find people who are security experts or network monitors, but this book explains how to master both topics." —Luca Deri, ntop.org "This book will enable security professionals of all skill sets to improve their understanding of what it takes to set up, maintain, and utilize a successful network intrusion detection strategy." —Kirby Kuehl, Cisco Systems Every network can be compromised. There are too many systems, offering too many services, running too many flawed applications. No amount of careful coding, patch management, or access control can keep out every attacker. If prevention eventually

fails, how do you prepare for the intrusions that will eventually happen? Network security monitoring (NSM) equips security staff to deal with the inevitable consequences of too few resources and too many responsibilities. NSM collects the data needed to generate better assessment, detection, and response processes—resulting in decreased impact from unauthorized activities. In The Tao of Network Security Monitoring , Richard Bejtlich explores the products, people, and processes that implement the NSM model. By focusing on case studies and the application of open source tools, he helps you gain hands-on knowledge of how to better defend networks and how to mitigate damage from security incidents. Inside, you will find in-depth information on the following areas. The NSM operational framework and deployment considerations. How to use a variety of open-source tools—including Sguil, Argus, and Ethereal—to mine network traffic for full content, session, statistical, and alert data. Best practices for conducting emergency NSM in an incident response scenario, evaluating monitoring vendors, and deploying an NSM architecture. Developing and applying knowledge of weapons, tactics, telecommunications, system administration, scripting, and programming for NSM. The best tools for generating arbitrary packets, exploiting flaws, manipulating traffic, and conducting reconnaissance. Whether you are new to network intrusion detection and incident response, or a computer-security veteran, this book will enable you to quickly develop and apply the skills needed to detect, prevent, and respond to new and emerging threats. Software test automation has moved beyond a luxury to become a necessity. Applications and systems have grown ever larger and more complex, and manual testing simply cannot keep up. As technology changes, and more organizations move into agile development, testing must adapt—and quickly. Test automation is essential, but poor

automation is wasteful—how do you know where your efforts will take you? Authors Dorothy Graham and Mark Fewster wrote the field's seminal text, Software Test Automation, which has guided many organizations toward success. Now, in Experiences of Test Automation, they reveal test automation at work in a wide spectrum of organizations and projects, from complex government systems to medical devices, SAP business process development to Android mobile apps and cloud migrations. This book addresses both management and technical issues, describing failures and successes, brilliant ideas and disastrous decisions and, above all, offers specific lessons you can use. Coverage includes Test automation in agile development How management support can make or break successful automation The importance of a good testware architecture and abstraction levels Measuring benefits and Return on Investment (ROI) Management issues, including skills, planning, scope, and expectations Model-Based Testing (MBT), monkey testing, and exploratory test automation The importance of standards, communication, documentation, and flexibility in enterprise-wide automation Automating support activities Which tests to automate, and what not to automate Hidden costs of automation: maintenance and failure analysis The right objectives for test automation: why "finding bugs" may not be a good objective Highlights, consisting of lessons learned, good points, and helpful tips Experiences of Test Automation will be invaluable to everyone considering, implementing, using, or managing test automation. Testers, analysts, developers, automators and automation architects, test managers, project managers, QA professionals, and technical directors will all benefit from reading this book. Adopted as the undisputed Perl bible soon after the first edition appeared in 1991, Programming Perl is still the go-to guide for this highly practical language. Perl began life as a

super-fueled text processing utility, but quickly evolved into a general purpose programming language that's helped hundreds of thousands of programmers, system administrators, and enthusiasts, like you, get your job done. In this much-anticipated update to "the Camel," three renowned Perl authors cover the language up to its current version, Perl 5.14, with a preview of features in the upcoming 5.16. In a world where Unicode is increasingly essential for text processing, Perl offers the best and least painful support of any major language, smoothly integrating Unicode everywhere—including in Perl's most popular feature: regular expressions. Important features covered by this update include: New keywords and syntax I/O layers and encodings New backslash escapes Unicode 6.0 Unicode grapheme clusters and properties Named captures in regexes Recursive and grammatical patterns Expanded coverage of CPAN Current best practices

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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