

# Learning Perl 7e

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[Beginning Perl Programming](#) - William "Bo" Rothwell 2019-07-27

Perl was originally written by Larry Wall while he was working at NASA's Jet Propulsion Labs. Larry is an Internet legend, known not just for Perl, but as the author of the UNIX utilities `rn`, one of the original Usenet newsreaders, and `patch`, a tremendously useful tool that takes a list of differences between two files and allows you to turn one into the other. The term `patch` used for this activity is now widespread. Perl started life as a "glue" language for Larry and his officemates, allowing one to "stick" different tools together by converting between their various data formats. It pulled together the best features of several languages: the powerful regular expressions from `sed` (the Unix stream editor), the pattern-scanning language `awk`, and a few other languages and utilities. The syntax was further made up out of C, Pascal, Basic, Unix shell languages, English, and maybe a few other elements along the way. While Perl started its life as glue, it is now more often likened to another handy multiuse tool: duct tape. A common statement heard in cyberspace is that Perl is the duct tape that holds the Internet together.

**Beginning Perl** - James Lee 2010-06-14

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.

*Python Cookbook* - David Beazley 2013-05-10

If you need help writing programs in Python 3, or want to update older Python 2 code, this book is just the ticket. Packed with practical recipes written and tested with Python 3.3, this unique cookbook is for experienced Python programmers who want to focus on modern tools and idioms. Inside, you'll find complete recipes for more than a dozen topics, covering the core Python language as well as tasks common to a wide variety of application domains. Each recipe contains code samples you can use in your projects right away, along with a discussion about how and why the solution works. Topics include: Data Structures and Algorithms Strings and Text Numbers, Dates, and Times Iterators and Generators Files and I/O Data Encoding and Processing Functions Classes and Objects Metaprogramming Modules and Packages Network and Web Programming Concurrency Utility Scripting and System Administration Testing, Debugging, and Exceptions C Extensions

*The Perl Bookshelf, Version 3.0* - Nathan Patwardhan 2002

Perl programmers increasingly rely on the Web, online help, and other online information sources to solve

technical problems. Version 3.0 of O'Reilly's Perl CD Bookshelf gives you convenient online access to your favorite books from your CD-ROM drive. We've updated this best selling product with the electronic versions of 7 popular Perl books. Included are the second edition of *Perl in a Nutshell* (paperback version included), the third editions of *Learning Perl* and *Programming Perl*, the *Perl Cookbook*, and 3 new titles: *Perl & XML*, *Perl & LWP*, and *Mastering Perl/Tk*. In addition to the reference material and tutorials in *Programming Perl* and *Learning Perl*, many of the most popular and useful applications for Perl are covered in these seven books. Many XML programmers are turning to Perl as a language for XML processing because of its text-processing features and the many powerful modules designed for XML development. LWP is the most downloaded Perl distribution in all of CPAN (Comprehensive Perl Archive Network). *Perl/Tk* is the most mature toolkit, has a wide community of experienced users, and is easy to use for building applications. Never has it been easier to learn, or look up, what you need to know online. Formatted in HTML, *The Perl CD Bookshelf, Version 3.0*, can be accessed with any web browser. The books are fully searchable and cross-referenced. In addition to individual indexes for each book, there is a master index for the entire library. With the CD Bookshelf, you get a complete Perl library that you can easily carry with you anywhere you need it.

**Intermediate Perl** - Randal Schwartz 2012-08-06

Presents guidelines on the art of coding with Perl, covering such topics as references and scoping, manipulating complex data structures, objects, testing, `Exporter`, `Moose`, and CPAN.

[Learning Perl/Tk](#) - Nancy Walsh 1999

An illustrated tutorial shows how to use *Perl/Tk* to build graphical, event-driven applications for both Windows and UNIX and teaches how to implement and configure each *Perl/Tk* graphical element. Original. (Intermediate).

**Perl One-Liners** - Peteris Kruminis 2013-11-13

Part of the fun of programming in Perl lies in tackling tedious tasks with short, efficient, and reusable code. Often, the perfect tool is the one-liner, a small but powerful program that fits in one line of code and does one thing really well. In *Perl One-Liners*, author and impatient hacker Peteris Kruminis takes you through more than 100 compelling one-liners that do all sorts of handy things, such as manipulate line spacing, tally column values in a table, and get a list of users on a system. This cookbook of useful, customizable, and fun scripts will even help hone your Perl coding skills, as Kruminis dissects the code to give you a deeper understanding of the language. You'll find one-liners that: \* Encode, decode, and convert strings \* Generate random passwords \* Calculate sums, factorials, and the mathematical constants  $\pi$  and  $e$  \* Add or remove spaces \* Number lines in a file \* Print lines that match a specific pattern \* Check to see if a number is prime with a regular expression \* Convert IP address to decimal form \* Replace one string with another And many more! Save time and sharpen your coding skills as you learn to conquer those pesky tasks in a few precisely placed keystrokes with *Perl One-Liners*.

**Mastering Perl** - brian d foy 2014-01-09

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

*Perl Cookbook* - Tom Christiansen 2003-08-21

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.

*Advanced Perl Programming* - Sriram Srinivasan 1997

Covers advanced features of Perl, how the Perl interpreter works, and presents areas of modern computing technology such as networking, user interfaces, persistence, and code generation.

*Perl in a Nutshell* - Nathan Patwardhan 2002-06-03

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

*Learning Perl Student Workbook* - brian d foy 2012-01-30

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

*Think Perl 6* - Laurent Rosenfeld 2017-05-08

Want to learn how to program and think like a computer scientist? This practical guide gets you started on your programming journey with the help of Perl 6, the younger sister of the popular Perl programming language. Ideal for beginners, this hands-on book includes over 100 exercises with multiple solutions, and more than 1,000 code examples so you can quickly practice what you learn. Experienced programmers—especially those who know Perl 5—will also benefit. Divided into two parts, Think Perl 6 starts with basic concepts that every programmer needs to know, and then focuses on different programming paradigms and some more advanced programming techniques. With two semesters' worth of lessons, this book is the perfect teaching tool for computer science beginners in colleges and universities. Learn basic concepts including variables, expressions, statements, functions, conditionals, recursion, and loops Understand commonly used basic data structures and the most useful algorithms Dive into object-oriented programming, and learn how to construct your own types and methods to extend the language Use grammars and regular expressions to analyze textual content Explore how functional programming can help you make your code simpler and more expressive

*Learning Perl, 7th Edition* - Randal Schwartz 2016

If you're just getting started with Perl, this is the book you want—whether you're a programmer, system administrator, or web hacker. Nicknamed "the Llama" by two generations of users, this bestseller closely follows the popular introductory Perl course taught by the authors since 1991. This seventh edition covers recent changes to the language up to version 5.24. Perl is suitable for almost any task on almost any platform, from short fixes to complete web applications. Learning Perl teaches you the basics and shows you how to write programs up to 128 lines long—roughly the size of 90% of the Perl programs in use today. Each chapter includes exercises to help you practice what you've just learned. Other books may teach you to program in Perl, but this book will turn you into a Perl programmer. Topics include: Perl data and variable types Subroutines File operations Regular expressions String manipulation (including Unicode) Lists and sorting Process management Smart matching Use of third party modules

*Learning Perl on Win32 Systems* - Randal L. Schwartz 1997

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).

*Pro Perl* - Peter Wainwright 2006-11-01

\*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, quirkiest 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.

*Think Julia* - Ben Lauwens 2019-04-05

If you're just learning how to program, Julia is an excellent JIT-compiled, dynamically typed language with a clean syntax. This hands-on guide uses Julia 1.0 to walk you through programming one step at a time, beginning with basic programming concepts before moving on to more advanced capabilities, such as creating new types and multiple dispatch. Designed from the beginning for high performance, Julia is a general-purpose language ideal for not only numerical analysis and computational science but also web programming and scripting. Through exercises in each chapter, you'll try out programming concepts as you learn them. Think Julia is perfect for students at the high school or college level as well as self-learners and

professionals who need to learn programming basics. Start with the basics, including language syntax and semantics Get a clear definition of each programming concept Learn about values, variables, statements, functions, and data structures in a logical progression Discover how to work with files and databases Understand types, methods, and multiple dispatch Use debugging techniques to fix syntax, runtime, and semantic errors Explore interface design and data structures through case studies

**Learning Perl** - Randal L. Schwartz 2021-06-29

If you're just getting started with Perl, this is the book you want—whether you're a programmer, system administrator, or web hacker. Nicknamed "the Llama" by two generations of users, this best seller closely follows the popular introductory Perl course taught by the authors since 1991. This eighth edition covers recent changes to the language up to version 5.34. Perl is suitable for almost any task on almost any platform, from short fixes to complete web applications. Learning Perl teaches you the basics and shows you how to write simple, single-file programs—roughly 90% of the Perl programs in use today. And each chapter includes exercises to help you practice what you've just learned. Other books may teach you to program in Perl, but this book will turn you into a Perl programmer. Topics include: Perl data and variable types Subroutines File operations Regular expressions String manipulation (including Unicode) Lists and sorting Process management Use of third-party modules

**Modern Perl** - Chromatic 2015-10-29

A Perl expert can solve a problem in a few lines of well-tested code. Now you can unlock these powers for yourself. Modern Perl teaches you how Perl really works. It's the only book that explains Perl thoroughly, from its philosophical roots to the pragmatic decisions that help you solve real problems—and keep them solved. You'll understand how the language fits together and discover the secrets used by the global Perl community. This beloved guide is now completely updated for Perl 5.22. When you have to solve a problem now, reach for Perl. When you have to solve a problem right, reach for Modern Perl. Discover how to scale your skills from one-liners to asynchronous Unicode-aware web services and everything in between. Modern Perl will take you from novice to proficient Perl hacker. You'll see which features of modern Perl will make you more productive, and which features of this well-loved language are best left in the past. Along the way, you'll take advantage of Perl to write well-tested, clear, maintainable code that evolves with you. Learn how the language works, how to take advantage of the CPAN's immense trove of time-tested solutions, and how to write clear, concise, powerful code that runs everywhere. Specific coverage explains how to use Moose, how to write testable code, and how to deploy and maintain real-world Perl applications. This new edition covers the new features of Perl 5.20 and Perl 5.22, including all the new operators, standard library changes, bug and security fixes, and productivity enhancements. It gives you what you need to use the most up-to-date Perl most effectively, all day, every day. What You Need: Perl 5.16 or newer (Perl 5.20 or 5.22 preferred). Installation/upgrade instructions included.

**Programming the Perl DBI** - Tim Bunce 2000-02-04

One of the greatest strengths of the Perl programming language is its ability to manipulate large amounts of data. Database programming is therefore a natural fit for Perl, not only for business applications but also for CGI-based web and intranet applications. The primary interface for database programming in Perl is DBI. DBI is a database-independent package that provides a consistent set of routines regardless of what database product you use—Oracle, Sybase, Ingres, Informix, you name it. The design of DBI is to separate the actual database drivers (DBDs) from the programmer's API, so any DBI program can work with any database, or even with multiple databases by different vendors simultaneously. Programming the Perl DBI is coauthored by Alligator Descartes, one of the most active members of the DBI community, and by Tim Bunce, the inventor of DBI. For the uninitiated, the book explains the architecture of DBI and shows you how to write DBI-based programs. For the experienced DBI dabbler, this book reveals DBI's nuances and the peculiarities of each individual DBD. The book includes: An introduction to DBI and its design How to construct queries and bind parameters Working with database, driver, and statement handles Debugging techniques Coverage of each existing DBD A complete reference to DBI This is the definitive book for database programming in Perl.

**Object Oriented Perl** - Damian Conway 2000

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.

**Extending and Embedding Perl** - Tim Jenness 2002

Extending and Embedding Perl explains how to expand the functionality and usefulness of the Perl programming language and how to use Perl from C programs. It begins simply but also covers complex issues using real code examples from the Perl source.

**Perl 5 Developer's Guide** - Ed Peschko 1998

A complete reference to existing Perl technologies—the dominant scripting language for the World Wide Web—provides instruction on the scripting languages that build interactivity into a website—and to the upcoming compiler. Original. (Intermediate).

**Minimal Perl** - Tim Maher 2006-10-01

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.

**Learning Perl Objects, References, and Modules** - Randal L. Schwartz 2003-06-09

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. This book is about making the leap from the easy things to the hard ones. Learning Perl Objects, References & Modules offers a gentle but thorough introduction to advanced programming in Perl. Written by the authors of the best-selling Learning Perl, this book 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 Contributing to CPAN Following the successful format of Learning Perl, each chapter in the book is designed 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. Learning Perl Objects, References & Modules is about learning to use Perl as a programming language, and not just a scripting language. This is the book that separates the Perl dabbler from the Perl programmer.

**Mastering Perl/Tk** - Stephen Lidie 2002-01-25

Perl/Tk is the marriage of the Tk graphical toolkit with Perl, the powerful programming language used primarily for system administration, web programming, and database manipulation. With Perl/Tk, you can build Perl programs with an attractive, intuitive GUI interface with all the power of Perl behind it. Mastering Perl/Tk is the "bible" of Perl/Tk: It's not only a great book for getting started, but the best reference for learning the techniques of experienced Perl/Tk programmers. The first half of the book contains the basics on how to use Perl/Tk, and then branches out into advanced applications with a series of extensive program examples. The result is a book accessible for novices, and invaluable for experienced programmers ready to learn the next step in the elegant and effective use of Perl/Tk. The book includes: An introduction to each of

the basic Perl/Tk widgets and geometry managers A dissection of the MainLoop, including how to use callbacks and bindings effectively Coverage of the Tix widgets, an extended set of widgets that are a part of the standard Perl/Tk distribution Working with images in Perl/Tk, including bitmaps, pixmaps, photos, and how to compose a compound image type How to create custom mega-widgets in Perl/Tk, both composite and derived Handling interprocess communication with Perl/Tk, both with standard Unix utilities (pipes and sockets) and with the send command designed for direct communication between Tk applications Developing your own Tk widget in the C language Examples of web applications written with Perl/Tk and the LWP library The book also includes appendices on installing Perl/Tk, a complete quick-reference for each standard widget, and listings of all the extended examples in the book. Nancy Walsh is the author of Learning Perl/Tk, and Steve Lidie wrote the Perl/Tk Pocket Reference as well as a series of Perl/Tk articles in The Perl Journal. Together, they have written Mastering Perl/Tk to be the definitive guide to Perl/Tk.

Learning Perl 6 - brian d foy 2018-08-24

If you're ready to get started with Raku (formerly Perl 6), this is the book you want, whether you're a programmer, system administrator, or web hacker. Raku is a new language—a modern reinvention of Perl suitable for almost any task, from short fixes to complete web applications. This hands-on tutorial gets you started. Author brian d foy (Mastering Perl) provides a sophisticated introduction to this new programming language. Each chapter in this guide contains exercises to help you practice what you learn as you learn it. Other books may teach you to program in Raku, but this book will turn you into a Raku programmer. Learn how to work with: Numbers, strings, blocks, and positionals Files and directories and input/output Associatives, subroutines, classes, and roles Junctions and sets Regular expressions and built-in grammars Concurrency features: Promises, supplies, and channels Controlling external programs and other advanced features

**Beginning Perl for Bioinformatics** - James Tisdall 2001-10-22

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

Perl Programming for Biologists - D. Curtis Jamison 2003-07-14

Working on the assumption that the reader has no formal training in programming, Perl Programming for Biologists demonstrates how Perl is used to solve biological problems. Each chapter opens with a set of learning objectives, provides numerous review questions and self-study exercises, and concludes with a bulleted summary of key points. The author incorporates numerous real-life examples throughout the text. Upon completing the book, readers are able to quickly perform such tasks as correcting recurring errors in spreadsheets, scanning a Fasta sequence for every occurrence of an EcoRI site, adapting other writers' scripts to one's own purposes, and most important, writing reusable and maintainable scripts that spare the rote repetition of code.

**Programming Perl** - Larry Wall 2000-07-14

Perl is a powerful programming language that has grown in popularity since it first appeared in 1988. The first edition of this book, Programming Perl, hit the shelves in 1990, and was quickly adopted as the undisputed bible of the language. Since then, Perl has grown with the times, and so has this book. Programming Perl is not just a book about Perl. It is also a unique introduction to the language and its culture, as one might expect only from its authors. Larry Wall is the inventor of Perl, and provides a unique perspective on the evolution of Perl and its future direction. Tom Christiansen was one of the first champions of the language, and lives and breathes the complexities of Perl internals as few other mortals do. Jon Orwant is the editor of The Perl Journal, which has brought together the Perl community as a common forum for new developments in Perl. Any Perl book can show the syntax of Perl's functions, but only this one is a comprehensive guide to all the nooks and crannies of the language. Any Perl book can explain typeglobs, pseudohashes, and closures, but only this one shows how they really work. Any Perl book can say that my is faster than local, but only this one explains why. Any Perl book can have a title, but only this book is affectionately known by all Perl programmers as "The Camel." This third edition of Programming Perl has been expanded to cover version 5.6 of this maturing language. New topics include threading, the compiler, Unicode, and other new features that have been added since the previous edition.

BEG PERL, - COZENS 2000-06-14

This book aims to give existing Perl programmers more detailed knowledge of some of the more advanced elements of the language.

**Effective Perl Programming** - Joseph N. Hall 1998

A hands-on, problem-solving guide to Perl programming explains how to enhance one's proficiency in Perl and includes useful examples and code, as well as self-documenting, object-oriented modules available with Perl 5. Original. (Intermediate).

Learning Perl - Randal Schwartz 2011-06-23

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.

**Teach Yourself Perl 5 in 21 Days** - David Till 1996

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

Perl by Example - Ellie Quigley 2008

A revision of Quigley's popular introductory programming book, updated to reflect Perl's continuing evolution.

**Advanced Perl Programming** - William "Bo" Rothwell 2020-05-30

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.

Learning Perl - Randal L. Schwartz 2016

Learning Perl closely follows the popular introductory Perl course taught by the authors since 1991. This seventh edition covers recent changes to the language up to version 5.24. The book teaches the basics and

shows how to write programs up to 128 lines long--roughly the size of 90% of Perl programs. Each chapter includes exercises. Topics include: Perl data and variable types; subroutines; file operations; regular expressions; string manipulation (including Unicode); lists and sorting; process management; smart matching; use of third-party modules.

**Perl For Dummies** - Paul Hoffman 2011-05-09

In the days before personal computers, BASIC was the easy programming language to learn, and serious programmers learned FORTRAN or COBOL to do "real work." Today, many people have discovered that Perl is both a great beginning programming language and one that enables them to write powerful programs with little effort. If you're interested in discovering how to program (or how others program), Perl For Dummies, 4th Edition, is for you. If you already know something about programming (but not about Perl), this book is also for you. If you're already an expert programmer, you're still welcome to read this book; you can just skip the basic stuff (you never know what kind of new tips and tricks you'll pick up). This reference guide shows you how to use Perl under many different operating systems, such as UNIX, many flavors of Windows (Windows 95/98, Windows NT, Windows 2000, Windows Me, and Windows XP), and Macintosh OS 9 and OS X; in fact, Perl runs on many more operating 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 and functions 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 working computer programs with just a few steps. It's particularly good at common programming tasks, such as reading and writing textfiles, but it also excels at reducing the work that programmers have to do. Perl For Dummies, 4th Edition, shows you how to do all of that and how to modify programs to your heart's content. After all, one of the common phrases in the world of Perl programmers is, "There's more than one way to do it."

**Beginning Perl** - Curtis Poe 2012-09-27

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.

**Learning Perl the Hard Way** - A.B. Downey 2003