

Advanced Perl Programming The Worlds Most Highly Developed Perl Tutorial

A reference and instructional guide to Microsoft's ActiveX Data Objects introduces the updated form of database communication to developers and Web programmers. Illustrates how to take advantage of using VBA in Word, with a no-nonsense introduction to Word Macros and VBA programming for power users and aspiring beginners. A guide to Domino R5 covers database properties, access control, monitoring, configuring, server tasks, and Domino architecture, while explaining how to centrally modify client configuration and interact with varied browser and non-Notes clients.

Explains how to customize and troubleshoot the most recent version of the Mac operating system, covering the Mac interface, system maintenance, desktop publishing, Sherlock, networking, and creating themes.

Covering the skills necessary to become a successful information architect (IA), this helpful handbook discusses the IA's role in developing Web sites, search interfaces, architecture blueprints, and the evolution of an information architecture for a real client. Original. (Intermediate)

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.

One of Java's most striking claims is that it provides a secure programming environment. Yet despite endless discussion, few people understand precisely what Java's claims mean and how it backs up those claims. If you're a developer, network administrator or anyone else who must understand or work with Java's security mechanisms, Java Security is the in-depth exploration you need. Java Security, 2nd Edition, focuses on the basic platform features of Java that provide security--the class loader, the bytecode verifier, and the security manager--and recent additions to Java that enhance this security model: digital signatures, security providers, and the access controller. The book covers the security model of Java 2, Version 1.3, which is significantly different from that of Java 1.1. It has extensive coverage of the two new important security APIs: JAAS (Java Authentication and Authorization Service) and JSSE (Java Secure Sockets Extension). Java Security, 2nd Edition, will give you a clear understanding of the architecture of Java's security model and how to use that model in both programming and administration. The book is intended primarily for programmers who want to write secure Java applications. However, it is also an excellent resource for system and network administrators who are interested in Java security, particularly those who are interested in assessing the risk of using Java and need to understand how the security model works in order to assess whether or not Java meets their security needs.

Programming on the Web today can involve any of several technologies, but the Common Gateway Interface (CGI) has held its ground as the most mature method--and one of the most powerful ones--of providing dynamic web content. CGI is a generic interface for calling external programs to crunch numbers, query databases, generate customized graphics, or perform any other server-side task. There was a time when CGI was the only game in town for server-side programming; today, although we have ASP, PHP, Java servlets, and ColdFusion (among others), CGI continues to be the most ubiquitous server-side technology on the Web. CGI programs can be written in any programming language, but Perl is by far the most popular language for CGI. Initially developed over a decade ago for text processing, Perl has evolved into a powerful object-oriented language, while retaining its simplicity of use. CGI programmers appreciate Perl's text manipulation features and its CGI.pm module, which gives a well-integrated object-oriented interface to practically all CGI-related tasks. While other languages might be more elegant or more efficient, Perl is still considered the primary language for CGI. CGI

Programming with Perl, Second Edition, offers a comprehensive explanation of using CGI to serve dynamic web content. Based on the best-selling CGI Programming on the World Wide Web, this edition has been completely rewritten to demonstrate current techniques available with the CGI.pm module and the latest versions of Perl. The book starts at the beginning, by explaining how CGI works, and then moves swiftly into the subtle details of developing CGI programs. Topics include: Incorporating JavaScript for form validation Controlling browser caching Making CGI scripts secure in Perl Working with databases Creating simple search engines Maintaining state between multiple sessions Generating graphics dynamically Improving performance of your CGI scripts

This book has two objectives--to provide a comprehensive reference on using XML with Python; and to illustrate the practical applications of these technologies in an enterprise environment with examples.

Offers a brief introduction to using the Internet and provides an alphabetical listing of thousands of Internet sites, arranged by categories, with descriptions of each site

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.

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, pixmap, 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.

Explores the use of scripting languages in the development of graphical user interfaces and other application domains, covering Perl V, Tcl, World Basic, Java Script, Visual Basic, and VB Script.

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.

Software -- Operating Systems.

An introduction to embedding systems for C and C++ programmers encompasses such topics as testing memory devices, writing and erasing Flash memory, verifying nonvolatile memory contents, and much more. Original. (Intermediate).

The Unified Modeling Language (UML), for the first time in the history of systems engineering, gives practitioners a common language. This concise quick reference explains how to use each component of the language, including its extension mechanisms and the Object Constraint Language (OCL). A tutorial with realistic examples brings those new to the UML quickly up to speed.

"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.

A practical introduction to SNMP for system network administrators. Starts with the basics of SNMP, how it works and provides the technical background to use it effectively.

mod_perl embeds the popular programming language Perl in the Apache web server, giving rise to a fast and powerful web programming environment. Practical mod_perl is the definitive book on how to use, optimize, and troubleshoot mod_perl. New mod_perl users will learn how to quickly and easily get mod_perl compiled and installed. But the primary purpose of this book is to show you how to take full advantage of mod_perl: how to make a mod_perl-enabled Web site as fast, flexible, and easily-maintainable as possible. The authors draw from their own personal experience in the field, as well as the combined experience of the mod_perl community, to present a rich and complete picture of how to set up and maintain a successful mod_perl site. This book is also the first book to cover the "next generation" of mod_perl: mod_perl 2.0, a completely rewritten version of mod_perl designed for integration with Apache 2.0, which for the first time supports threads. The book covers the following topics, and more: Configuring mod_perl optimally for your web site Porting and optimizing programs for a mod_perl environment Performance tuning: getting the very fastest performance from your site Controlling and monitoring the server to circumvent crashes and clogs Integrating with databases efficiently and painlessly Debugging tips and tricks Maximizing security Written for Perl web developers and web administrators, Practical mod_perl is an extensive guide to the nuts and bolts of the powerful and popular combination of Apache and mod_perl. From writing and debugging scripts to keeping your server running without failures, the techniques in this book will help you squeeze every ounce of power out of your server. True to its title, this is the

practical guide to mod_perl.

Most Perl programmers know about the Perl debugger--the nifty little built-in utility that you can use to fully debug any programs that you write. Inside the interactive debugger environment, you're prompted for commands that let you examine your source code, set breakpoints, dump out function call stacks, change values of variables, and much more. It's so convenient that some programmers run it just to test out Perl constructs as they create a program. But although it's on their radar, not many Perl programmers take the time to master the debugger. That's where the Perl Debugger Pocket Reference comes in. This little book provides a quick and convenient path to mastery of the Perl debugger and its commands. Written by a core member of the Perl debugger development team, it's an ideal quick reference to debugger commands, as well as a detailed tutorial on how to get started. The Perl Debugger Pocket Reference provides complete coverage in a conveniently small package. Maybe you write code so clean you never have to look at it twice. Or perhaps you'd rather focus your energies on writing clean code, rather than learning about the debugger. But if you need to learn about the Perl debugger in a hurry, the Perl Debugger Pocket Reference is the book you'll want to have close by. And you can always keep a copy on hand to share with programmers who need it more than you do. O'Reilly's Pocket References have become a favorite among programmers everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. When you've reached a sticking point in your work and need to get to a solution quickly, the new Perl Debugger Pocket Reference will get you back on the right track.

A guide to the failings of Windows 98 explains how to customize the system so as to avoid the inconvenience of software applications that overwrite file associations, repetitive warning screens, and unused icons crowding the desktop

Introducing the latest PL/SQL features of Oracle8i, this detailed manual discusses autonomous transactions, invoker rights, native dynamic SQL, system-level database triggers, access control, and other valuable topics and provides one hundred files of reusable source code and examples on diskette. Original. (Intermediate)

A guide for beginners offers an overview of JavaScript basics and explains how to create Web pages, identify browsers, and integrate sound, graphics, and animation into Web applications

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.

A practical handbook for computer network administrators focusing on routers, which connect the various pieces of a network. The text discusses everyday issues such as selecting routing protocols and configuring them to handle most common situations.

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 programing 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.

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

*Wainwright is a respected Perl expert and author of industry-respected Pro Apache title.

Explains how to use Java's portable platforms to program and use threads effectively and efficiently while avoiding common mistakes

Computer Systems Organization -- Computer-Communication Networks.

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. Written by one of today's top-selling author's on programming languages, this practical, trailblazing guide to learning Perl offers all the advantages of a reference manual with a detailed, yet concise study on all of the language's key elements, and is not dependent upon either UNIX or Windows. Begins with a complete introduction to Perl: what it is, scripts vs. programs, its central characteristics, and more. Examines scalar types, expressions, and simple input and output; control statements; arrays; hashes and references; functions; pattern matching; files, input/output, and formats; CGI programming with Perl; and other advanced topics. Each chapter includes a summary and numerous exercises. For professionals in the computer science and related fields. This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell

(NCP/IPX) support and INN (news administration).

This book is a complete programmer's guide to the X library, which is the lowest level of programming interface to X. It includes chapters on:

Provides a definitive guide to terminology, techniques, and system information for individuals working in both Macintosh and Windows environments, explaining how to translate materials effectively from the one platform to the other. Original. (All Users)

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

Exim is the default mail transport agent installed on some Linux systems; it runs on many versions of Unix and is suitable for any TCP/IP network with any combination of hosts and end-user mail software.

This official guide is written by Philip Hazel, the creator of Exim.

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Find complete information about Second Life scripting and gain access to more than 50 previously unpublished ready-to-use scripts in Scripting Your World: The Official Guide to Second Life Scripting. Learn how to script Second Life behaviors, grouped into categories like avatar movement, communications, prim and object control, automation, land control, combat, special effects, environment control and physics, and interacting with the world outside of Second Life. After you read this engaging book, you will possess a solid understanding Linden Scripting Language conventions.

Advanced Perl Programming"O'Reilly Media, Inc."

Applying revision control system and source code control system.

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