

OMB No. 7585290607836

Mastering Regular Expressions

Jeffrey Ef Friedl

Learn Regular Expressions In 20 Minutes Mastering Regular Expressions in one day
REGEX (REGULAR EXPRESSIONS) WITH EXAMPLES IN DETAIL | Regex Tutorial Regex
Lesson 1: Basic Metacharacters \"All About Regular Expressions\" by Jade Allen
(Strange Loop 2022) 2.5: Regular Expressions: Back References - Programming with
Text Mastering Regular Expression (RegEx) Usage in PERL: A Comprehensive Guide
Regular Expressions How Writing Helped Jason Fried Build an 8-Figure Business |
How I Write Podcast Why Generic Target Curves Don't Work (Part 1 of 2) Coding 101
23: Perl: RegEx Search and Replace I Did 2,527 Advanced Grammar Exercises to
Prove This MASTERY by Robert Greene | Animated Core Message 3. Regular Pumping
Lemma, Conversion of FA to Regular Expressions Reminiscences of a Stock Operator
- Jesse Livermore (COMPLETE AUDIOBOOK - Highest Quality) Learn Regular
Expressions (Regex) - Crash Course for Beginners Regular Expressions in C# with
Practical Demonstration | C# Tutorial for Beginners | Regex in CSharp Regular
Expressions: Classes and Sets Regular Expression Tutorial for eBooks Mastering
Regular Expressions: A Comprehensive Tutorial Regular Expressions All about
Regular Expressions in Julia Regular Expressions - Episode 1 - Introduction Perl -
Regular Expression More Than Matching - Regular Expressions - Daina Pettit - The
Perl and Raku Conference 2023 Regular Expressions Regex-1.1 Regular Expression
Introduction (Video Tutorial) The Smartest Way to Learn Python Regex [Book Launch]
Learning the Korn Shell
Powerful Object-Oriented Programming
Clear, Concise, and Effective Programming
Text retrieval, extraction and categorization. Second revised edition
Master SQL Fundamentals
Dynamic HTML
Bash Cookbook
Text Processing with Regular Expressions
Unraveling Regular Expressions, Step-by-Step
Understand Your Data and Be More Productive
The Definitive Reference
Java NIO
A Quick Pocket Reference for a Utility Every Unix User Needs
Regular Expressions for Perl, Ruby, PHP, Python, C, Java and .NET
Java Cookbook
PowerShell in Depth
JavaScript: The Definitive Guide
Mathematica Cookbook

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RAMOS BRADY

Learning the Korn Shell "O'Reilly Media, Inc."

For people who create and modify text files, sed and awk are power tools for editing. sed, awk, and regular expressions allow programmers and system administrators to automate editing tasks that need to be performed on one or more files, to simplify the task of performing the same edits on multiple files, and to write conversion programs. The sed & awk Pocket Reference is a companion volume to sed & awk, Second Edition, Unix in a Nutshell, Third Edition, and Effective awk Programming, Third Edition. This new edition has expanded coverage of gawk (GNU awk), and includes sections on: An overview of sed and awk's command line syntax Alphabetical summaries of commands, including nawk and gawk Profiling with pgawk Coprocesses and sockets with gawk Internationalization with gawk A listing of resources for sed and awk users This small book is a handy reference guide to the information presented in the larger volumes. It presents a concise summary of regular expressions and pattern matching, and summaries of sed and awk. Arnold Robbins, an Atlanta native now happily living in Israel, is a professional programmer and technical author and coauthor of various O'Reilly Unix titles. He has been working with Unix systems since 1980, and currently maintains gawk and its documentation.

Powerful Object-Oriented Programming "O'Reilly Media, Inc." Updated for the latest database management systems -- including

MySQL 6.0, Oracle 11g, and Microsoft's SQL Server 2008 -- this introductory guide will get you up and running with SQL quickly. Whether you need to write database applications, perform administrative tasks, or generate reports, *Learning SQL, Second Edition*, will help you easily master all the SQL fundamentals. Each chapter presents a self-contained lesson on a key SQL concept or technique, with numerous illustrations and annotated examples. Exercises at the end of each chapter let you practice the skills you learn. With this book, you will: Move quickly through SQL basics and learn several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints, using SQL schema statements Learn how data sets interact with queries, and understand the importance of subqueries Convert and manipulate data with SQL's built-in functions, and use conditional logic in data statements Knowledge of SQL is a must for interacting with data. With *Learning SQL*, you'll quickly learn how to put the power and flexibility of this language to work.

Clear, Concise, and Effective Programming O'Reilly Media

This text covers the technologies of document retrieval, information extraction, and text categorization in a way which highlights commonalities in terms of both general principles and practical concerns. It assumes some mathematical background on the part of the reader, but the chapters typically begin with a non-mathematical account of the key issues. Current research topics are covered only to the extent that they are informing current applications; detailed coverage of longer term research and more theoretical

treatments should be sought elsewhere. There are many pointers at the ends of the chapters that the reader can follow to explore the literature. However, the book does maintain a strong emphasis on evaluation in every chapter both in terms of methodology and the results of controlled experimentation.

Text retrieval, extraction and categorization. Second revised edition O'Reilly Media, Inc.

Learn to use one of the most powerful text processing and manipulation tools available Regular expression experts have long been armed with an incredibly powerful tool, one that can be used to perform all sorts of sophisticated text processing and manipulation in just about every language and on every platform. That's the good news. The bad news is that for too long, regular expressions have been the exclusive property of only the most tech savvy. Until now. Ben Forta's Learning Regular Expressions teaches you the regular expressions that you really need to know, starting with simple text matches and working up to more complex topics, including the use of backreferences, conditional evaluation, and look-ahead processing. You'll learn what you can use, and you'll learn it methodically, systematically, and simply. Regular expressions are nowhere near as complex as they appear to be at first glance. All it takes is a clear understanding of the problem being solved and how to leverage regular expressions to solve them. Read and understand regular expressions Use literal text and metacharacters to build powerful search patterns Take advantage of advanced regular expression features, including lookahead and backreferences Perform powerful search-and-replace operations in all

major professional editing tools Add sophisticated form and text processing to web applications Search for files using command-line tools like grep and egrep Use regular expressions in programming languages like JavaScript, Java, PHP, Python, Microsoft .NET, and C#, as well as in DBMSs including MySQL and Oracle Work with phone numbers, postal codes, social security numbers, IP addresses, URLs, email addresses, and credit card numbers Contents at a Glance 1 Introducing Regular Expressions 2 Matching Single Characters 3 Matching Sets of Characters 4 Using Metacharacters 5 Repeating Matches 6 Position Matching 7 Using Subexpressions 8 Using Backreferences 9 Looking Ahead and Behind 10 Embedding Conditions 11 Regular Expression Solutions to Common Problems Appendix A Regular Expressions in Popular Applications and Languages

MASTER SQL FUNDAMENTALS

Simon and Schuster

Regular expressions are such a powerful tool for manipulating text and data that anyone who uses a computer can benefit from them. Composed of a mixture of symbols and text, regular expressions can be an outlet for creativity, for brilliant programming, and for the elegant solution. While a command of regular expressions is an invaluable skill, all there is to know about them fills a very large volume, and you don't always have time to thumb through hundreds of pages each time a question arises. The answer is the Regular Expression Pocket Reference. Concise and easy-to-use, this little book is the portable companion to Mastering Regular Expressions. This handy guide offers programmers a complete overview of the syntax and

semantics of regular expressions that are at the heart of every text-processing application. Ideal as an introduction for beginners and a quick reference for advanced programmers, *Regular Expression Pocket Reference* is a comprehensive guide to regular expression APIs for C, Perl, PHP, Java, .NET, Python, vi, and the POSIX regular expression libraries. 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 and need to get to a solution quickly, the new *Regular Expression Pocket Reference* is the book you'll want to have.

[Dynamic HTML](#) O'Reilly Media

If you're a programmer new to regular expressions, this easy-to-follow guide is a great place to start. You'll learn the fundamentals step-by-step with the help of numerous examples, discovering first-hand how to match, extract, and transform text by matching specific words, characters, and patterns. Regular expressions are an essential part of a programmer's toolkit, available in various Unix utilities as well as programming languages such as Perl, Java, JavaScript, and C#. When you've finished this book, you'll be familiar with the most commonly used syntax in regular expressions, and you'll understand how using them will save you considerable time. Discover what regular expressions are and how they work. Learn many of the differences between regular expressions used with command-line tools and in various programming languages. Apply simple methods for finding patterns in text, including digits, letters, Unicode

characters, and string literals. Learn how to use zero-width assertions and lookarounds. Work with groups, backreferences, character classes, and quantifiers. Use regular expressions to mark up plain text with HTML5.

[Bash Cookbook](#) Elsevier

Arguably the most capable of all the open source databases, PostgreSQL is an object-relational database management system first developed in 1977 by the University of California at Berkeley. In spite of its long history, this robust database suffers from a lack of easy-to-use documentation. *Practical PostgreSQL* fills that void with a fast-paced guide to installation, configuration, and usage. This comprehensive new volume shows you how to compile PostgreSQL from source, create a database, and configure PostgreSQL to accept client-server connections. It also covers the many advanced features, such as transactions, versioning, replication, and referential integrity that enable developers and DBAs to use PostgreSQL for serious business applications. The thorough introduction to PostgreSQL's PL/pgSQL programming language explains how you can use this very useful but under-documented feature to develop stored procedures and triggers. The book includes a complete command reference, and database administrators will appreciate the chapters on user management, database maintenance, and backup & recovery. With *Practical PostgreSQL*, you will discover quickly why this open source database is such a great open source alternative to proprietary products from Oracle, IBM, and Microsoft.

[Text Processing with Regular](#)

[Expressions](#) "O'Reilly Media, Inc."

A comprehensive resource for HTML, CSS, DOM & Javascript.

Unraveling Regular Expressions, Step-by-Step John Benjamins Publishing Effective awk Programming, 3rd Edition, focuses entirely on awk, exploring it in the greatest depth of the three awk titles we carry. It's an excellent companion piece to the more broadly focused second edition. This book provides complete coverage of the gawk 3.1 language as well as the most up-to-date coverage of the POSIX standard for awk available anywhere. Author Arnold Robbins clearly distinguishes standard awk features from GNU awk (gawk)-specific features, shines light into many of the "dark corners" of the language (areas to watch out for when programming), and devotes two full chapters to example programs. A brand new chapter is devoted to TCP/IP networking with gawk. He includes a summary of how the awk language evolved. The book also covers: Internationalization of gawk Interfacing to i18n at the awk level Two-way pipes TCP/IP networking via the two-way pipe interface The new PROCINFO array, which provides information about running gawk Profiling and pretty-printing awk programs In addition to covering the awk language, this book serves as the official "User's Guide" for the GNU implementation of awk (gawk), describing in an integrated fashion the extensions available to the System V Release 4 version of awk that are also available in gawk. As the official gawk User's Guide, this book will also be available electronically, and can be freely copied and distributed under the terms of the Free Software Foundation's Free Documentation License (FDL). A portion of the proceeds from sales of this book will go to the Free Software Foundation to support further development of free and open source

software. The third edition of Effective awk Programming is a GNU Manual and is published by O'Reilly & Associates under the Free Software Foundation's Free Documentation License (FDL). A portion of the proceeds from the sale of this book is donated to the Free Software Foundation to further development of GNU software. This book is also available in electronic form; you have the freedom to modify this GNU Manual, like GNU software. Copies published by the Free Software Foundation raise funds for GNU development.

Understand Your Data and Be More Productive O'Reilly Media

grep Pocket Reference is the first guide devoted to grep, the powerful Unix content-location utility. This handy book is ideal for system administrators, security professionals, developers, and others who want to learn more about grep and take new approaches with it -- for everything from mail filtering and system log management to malware analysis. With grep Pocket Reference, you will: Learn methods for filtering large files for specific content Acquire information not included in the current grep documentation Get several tricks for using variants such as egrep Keep key information about grep right at your fingertips Find the answers you need about grep quickly and easily. If you're familiar with this utility, grep Pocket Reference will help you refresh your basic knowledge, understand rare situations, and work more efficiently. If you're new to grep, this book is the best way to get started.

The Definitive Reference "O'Reilly Media, Inc."

A guide to JavaScript covers such topics as functions and operators, forms, browser objects, DOM, JavaScript objects, and Ajax.

Java NIO Mastering Regular

Expressions Understand Your Data and Be More Productive

Take the guesswork out of using regular expressions. With more than 140 practical recipes, this cookbook provides everything you need to solve a wide range of real-world problems. Novices will learn basic skills and tools, and programmers and experienced users will find a wealth of detail. Each recipe provides samples you can use right away. This revised edition covers the regular expression flavors used by C#, Java, JavaScript, Perl, PHP, Python, Ruby, and VB.NET. You'll learn powerful new tricks, avoid flavor-specific gotchas, and save valuable time with this huge library of practical solutions. Learn regular expressions basics through a detailed tutorial Use code listings to implement regular expressions with your language of choice Understand how regular expressions differ from language to language Handle common user input with recipes for validation and formatting Find and manipulate words, special characters, and lines of text Detect integers, floating-point numbers, and other numerical formats Parse source code and process log files Use regular expressions in URLs, paths, and IP addresses Manipulate HTML, XML, and data exchange formats Discover little-known regular expression tricks and techniques

A Quick Pocket Reference for a Utility Every Unix User Needs "O'Reilly Media, Inc."

Introduces regular expressions and how they are used, discussing topics including metacharacters, nomenclature, matching and modifying text, expression processing, benchmarking, optimizations, and loops.

Regular Expressions for Perl, Ruby, PHP,

Python, C, Java and .NET "O'Reilly Media, Inc."

Mathematica Cookbook helps you master the application's core principles by walking you through real-world problems. Ideal for browsing, this book includes recipes for working with numerics, data structures, algebraic equations, calculus, and statistics. You'll also venture into exotic territory with recipes for data visualization using 2D and 3D graphic tools, image processing, and music. Although Mathematica 7 is a highly advanced computational platform, the recipes in this book make it accessible to everyone -- whether you're working on high school algebra, simple graphs, PhD-level computation, financial analysis, or advanced engineering models. Learn how to use Mathematica at a higher level with functional programming and pattern matching Delve into the rich library of functions for string and structured text manipulation Learn how to apply the tools to physics and engineering problems Draw on Mathematica's access to physics, chemistry, and biology data Get techniques for solving equations in computational finance Learn how to use Mathematica for sophisticated image processing Process music and audio as musical notes, analog waveforms, or digital sound samples

Java Cookbook "O'Reilly Media, Inc."

It's all in the name: Learn You a Haskell for Great Good! is a hilarious, illustrated guide to this complex functional language. Packed with the author's original artwork, pop culture references, and most importantly, useful example code, this book teaches functional fundamentals in a way you never thought possible. You'll start with the kid stuff: basic syntax, recursion, types and type classes. Then once you've got the

basics down, the real black belt master-class begins: you'll learn to use applicative functors, monads, zippers, and all the other mythical Haskell constructs you've only read about in storybooks. As you work your way through the author's imaginative (and occasionally insane) examples, you'll learn to: -Laugh in the face of side effects as you wield purely functional programming techniques -Use the magic of Haskell's "laziness" to play with infinite sets of data -Organize your programs by creating your own types, type classes, and modules -Use Haskell's elegant input/output system to share the genius of your programs with the outside world Short of eating the author's brain, you will not find a better way to learn this powerful language than reading *Learn You a Haskell for Great Good! [PowerShell in Depth](#)* "O'Reilly Media, Inc."

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.

JAVASCRIPT: THE DEFINITIVE GUIDE

"O'Reilly Media, Inc."

Perl is a versatile, powerful programming language used in a variety of disciplines, ranging from system administration to web programming to database manipulation. One slogan of Perl is that it makes easy things easy and hard things possible. 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.

Mathematica Cookbook "O'Reilly Media,
 Inc."

This Nutshell Handbook® is a thorough
 introduction to the Korn shell, both as a
 user interface and as a programming
 language. The Korn shell, like the C and
 Bourne shells, is a program that
 interprets UNIX commands. It has many
 features that aren't found in other shells,
 including command history (the ability to
 recall and edit previous commands). The
 Korn shell is also faster; several of its
 features allow you to write programs
 that execute more quickly than their
 Bourne or C shell equivalents. This book
 provides a clear and concise explanation

of the Korn shell's features. It explains
 ksh string operations, co-processes,
 signals and signal handling, and one of
 the worst "dark corners" of shell
 programming: command-line
 interpretation. It does this by introducing
 simple real-life examples and then
 adding options and complexity in later
 chapters, illustrating the way real-world
 script development generally proceeds.
 An additional (and unique) programming
 aid, a Korn shell debugger (kshdb), is
 also included. Learning the Korn Shell
 is an ideal resource for many UNIX users
 and programmers, including software
 developers who want to "prototype"
 their designs, system administrators who
 want to write tools for their own use, and
 even novices who just want to use some
 of ksh's more advanced interactive
 features.

"O'Reilly Media, Inc."

RegEx is supported in all major
 development environments (for use in
 editing and working with code) and will
 thus appeal to anyone using these tools.
 In addition, every JavaScript developer
 should be using RegEx, but most don't
 as it has never been taught to them
 properly before. Developers using ASP,
 C#, ColdFusion, Java JSP, PHP, Perl,
 Python, and more can (and should) be
 using RegEx, and so every one of them
 is a potential reader too. The reader of
 this book will learn how to: Match
 characters sets Match repeating
 characters (using minimums and
 maximums if needed) Match (or ignore)
 based on case Build sub-expressions Use
 all of the special characters Work with
 escape sequences Use POSIX classes to
 simplify complex expressions Use back-
 references Use look-behind operators
 Sams Teach Yourself Regular
 Expressions in 10 Minutes is a tutorial
 book organized into a series of easy-to-

follow 10-minute lessons. These well targeted lessons teach you in 10 minutes what other books might take hundreds of pages to cover. Instead of dwelling on syntax, terminology, and arcane examples and scenarios, this book takes a very hands-on approach to solving the needs of the majority of RegEx users who simply need to manipulate data.

Perl Cookbook "O'Reilly Media, Inc."

"As this book shows, Linux systems are just as functional, secure, and reliable as their proprietary counterparts. Thanks to the ongoing efforts of thousands of Linux developers, Linux is more ready than ever for deployment at the frontlines of the real world. The authors of this book know that terrain well, and I am happy to leave you in their most capable hands."

-Linus Torvalds "The most successful sysadmin book of all time-because it works!" -Rik Farrow, editor of ;login:

"This book clearly explains current technology with the perspective of decades of experience in large-scale system administration. Unique and highly recommended." -Jonathan Corbet, cofounder, LWN.net "Nemeth et al. is the overall winner for Linux administration: it's intelligent, full of insights, and looks at the implementation of concepts."

-Peter Salus, editorial director, Matrix.net Since 2001, Linux

Administration Handbook has been the

definitive resource for every Linux® system administrator who must efficiently solve technical problems and maximize the reliability and performance of a production environment. Now, the authors have systematically updated this classic guide to address today's most important Linux distributions and most powerful new administrative tools. The authors spell out detailed best practices for every facet of system administration, including storage management, network design and administration, web hosting, software configuration management, performance analysis, Windows interoperability, and much more.

Sysadmins will especially appreciate the thorough and up-to-date discussions of such difficult topics such as DNS, LDAP, security, and the management of IT service organizations. Linux®

Administration Handbook, Second Edition, reflects the current versions of these leading distributions: Red Hat® Enterprise Linux® Fedora™ Core SUSE® Linux Enterprise Debian® GNU/Linux Ubuntu® Linux Sharing their war stories and hard-won insights, the authors capture the behavior of Linux systems in the real world, not just in ideal environments. They explain complex tasks in detail and illustrate these tasks with examples drawn from their extensive hands-on experience.

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