

Access Free Perl  
Best Practices  
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# Perl Best Practices Chm 0596001738

Greasemonkey  
Hacks is an  
invaluable  
compendium 100  
ingenious hacks for  
power users who

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want to master Greasemonkey, the hot new Firefox extension that allows you to write scripts that alter the web pages you visit. With Greasemonkey, you can create scripts that make a web site more usable, fix rendering bugs that site owners can't be

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bothered to fix themselves, or add items to a web site's menu bar. You can alter pages so they work better with technologies that speak a web page out loud or convert it to Braille.

Greasemonkey gurus can even import, combine, and alter

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data from different web sites to meet their own specific needs.

Greasemonkey has achieved a cult-like following in its short lifespan, but its uses are just beginning to be explored. Let's say you're shopping on an e-commerce site. You can create a

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script that will automatically display competitive prices for that particular product from other web sites. The possibilities are limited only by your imagination and your Greasemonkey expertise.

Greasemonkey  
Hacks can't help you

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with the imagination part, but it can provide the expert hacks-complete with the sample code-you need to turn your brainstorm into reality. More than just an essential collection of made-to-order Greasemonkey solutions,

Greasemonkey

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Hacks is crammed with sample code, a Greasemonkey API reference, and a comprehensive list of resources, to ensure that every resource you need is available between its covers. Some people are content to receive information from websites passively;

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some people want to control it. If you are one of the latter, Greasemonkey Hacks provides all the clever customizations and cutting-edge tips and tools you need to take command of any web page you view.

A revised and



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updated edition  
offers comprehensive  
coverage of  
ECMAScript 5 (the  
new JavaScript  
language standard)  
and also the new  
APIs introduced in  
HTML5, with  
chapters on  
functions and classes  
completely rewritten  
and updated to

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match current best practices and a new chapter on language extensions and subsets. Original. Widely considered one of the best practical guides to programming, Steve McConnell's original CODE COMPLETE has been helping

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developers write better software for more than a decade. Now this classic book has been fully updated and revised with leading-edge practices—and hundreds of new code samples—illustrating the art and science of software

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construction.

Capturing the body of knowledge available from research, academia, and everyday commercial practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance.

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No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking—and help you build the highest quality code.

Discover the timeless techniques and strategies that help

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you: Design for  
minimum complexity  
and maximum  
creativity Reap the  
benefits of  
collaborative  
development Apply  
defensive  
programming  
techniques to reduce  
and flush out errors  
Exploit opportunities  
to refactor—or

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evolve—code, and do  
it safely Use  
construction  
practices that are  
right-weight for your  
project Debug  
problems quickly  
and effectively  
Resolve critical  
construction issues  
early and correctly  
Build quality into the  
beginning, middle,

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and end of your  
project

A guide to getting  
the most out of Perl  
covers such topics as  
productivity hacks,  
user interaction, data  
munging, working  
with modules, object  
hacks, and  
debugging.

Getting the Most Out  
of Your Code



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130 Programs That  
Get Things Done  
CIS Annual

Asterisk

Hackers Beware

Hacking- The art Of  
Exploitation

\* This best-selling  
title has

comprehensive  
discussions about

PHP 5, MySQL 5,  
and how these two

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popular open source technologies work together to create powerful websites. \*

Updated to reflect the new features found in MySQL's most significant release to date.

Readers are introduced to advanced database features like triggers, stored

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procedures, and views. They learn how to integrate these new capabilities into their PHP-driven web applications. The book also discusses PHP's new MySQL extension, mysqli, which is required for MySQL versions 4.1 and higher. \* Packed

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with hundreds of practical examples covering all aspects of web development, including forms management, templating, database integration, Web services, security, and session handling.

The authors have revised and updated

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this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

Learn web scraping and crawling techniques to access unlimited data from any web source in any format. With this practical guide,

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you'll learn how to use Python scripts and web APIs to gather and process data from thousands—or even millions—of web pages at once. Ideal for programmers, security professionals, and web administrators familiar with Python, this book not only

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teaches basic web scraping mechanics, but also delves into more advanced topics, such as analyzing raw data or using scrapers for frontend website testing. Code samples are available to help you understand the concepts in practice. Learn how

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to parse  
complicated HTML  
pages Traverse  
multiple pages and  
sites Get a general  
overview of APIs  
and how they work  
Learn several  
methods for storing  
the data you scrape  
Download, read, and  
extract data from  
documents Use  
tools and



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techniques to clean  
badly formatted data  
Read and write  
natural languages  
Crawl through forms  
and logins  
Understand how to  
scrape JavaScript  
Learn image  
processing and text  
recognition  
Consistent, high-  
quality coding  
standards improve

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software quality, reduce time-to-market, promote teamwork, eliminate time wasted on inconsequential matters, and simplify maintenance. Now, two of the world's most respected C++ experts distill the rich collective experience of the

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global C++  
community into a  
set of coding  
standards that every  
developer and  
development team  
can understand and  
use as a basis for  
their own coding  
standards. The  
authors cover  
virtually every facet  
of C++  
programming:

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design and coding style, functions, operators, class design, inheritance, construction/destruction, copying, assignment, namespaces, modules, templates, genericity, exceptions, STL containers and algorithms, and more. Each standard

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is described concisely, with practical examples. From type definition to error handling, this book presents C++ best practices, including some that have only recently been identified and standardized- techniques you may not know even if you've used C++ for

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years. Along the way, you'll find answers to questions like What's worth standardizing--and what isn't? What are the best ways to code for scalability? What are the elements of a rational error handling policy? How (and why) do

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you avoid  
unnecessary  
initialization, cyclic,  
and definitional  
dependencies?  
When (and how)  
should you use  
static and dynamic  
polymorphism  
together? How do  
you practice "safe"  
overriding? When  
should you provide  
a no-fail swap? Why

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and how should you prevent exceptions from propagating across module boundaries? Why shouldn't you write namespace declarations or directives in a header file? Why should you use STL vector and string instead of arrays? How do you choose



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the right STL search  
or sort algorithm?

What rules should  
you follow to ensure  
type-safe code?

Whether you're  
working alone or  
with others, C++  
Coding Standards  
will help you write  
cleaner code--and  
write it faster, with  
fewer hassles and  
less frustration.

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Java Performance:  
The Definitive Guide  
Code Complete  
Consultants &  
Consulting  
Organizations  
Directory  
Perl Cookbook  
Perl Hacks  
Code Complete, 2nd  
Edition  
In recent public  
workshops and  
working group

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meetings, the Forum on Microbial Threats of the Institute of Medicine (IOM) has examined a variety of infectious disease outbreaks with pandemic potential, including those caused by influenza (IOM, 2005) and severe acute respiratory syndrome (SARS) (IOM, 2004).

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Particular attention has been paid to the potential pandemic threat posed by the H5N1 strain of avian influenza, which is now endemic in many Southeast Asian bird populations. Since 2003, the H5N1 subtype of avian influenza has caused 185 confirmed human deaths in 11

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countries, including some cases of viral transmission from human to human (WHO, 2007). But as worrisome as these developments are, at least they are caused by known pathogens. The next pandemic could well be caused by the emergence of a microbe that is still unknown, much as

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happened in the  
1980s with the  
emergence of the  
human  
immunodeficiency  
virus (HIV) and in  
2003 with the  
appearance of the  
SARS coronavirus.  
Previous Forum  
meetings on  
pandemic disease  
have discussed the  
scientific and logistical

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challenges associated with pandemic disease recognition, identification, and response. Participants in these earlier meetings also recognized the difficulty of implementing disease control strategies effectively. Ethical and Legal Considerations in

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Mitigating Pandemic Disease: Workshop Summary as a factual summary of what occurred at the workshop.

Voice over Internet Protocol is gaining a lot of attention these days. Both practical and fun, this text provides technology enthusiasts and voice professionals with



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dozens of hands-on projects for building a VoIP network, including a softPBX. Hack your antivirus software to stamp out future vulnerabilities

## The Antivirus Hacker's Handbook

guides you through the process of reverse engineering antivirus software. You explore how to detect and

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exploit vulnerabilities that can be leveraged to improve future software design, protect your network, and anticipate attacks that may sneak through your antivirus' line of defense. You'll begin building your knowledge by diving into the reverse engineering process, which details how to

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start from a finished antivirus software program and work your way back through its development using the functions and other key elements of the software. Next, you leverage your new knowledge about software development to evade, attack, and exploit antivirus

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software—all of which can help you strengthen your network and protect your data. While not all viruses are damaging, understanding how to better protect your computer against them can help you maintain the integrity of your network. Discover how to

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reverse engineer your

antivirus software

Explore methods of

antivirus software

evasion Consider

different ways to

attack and exploit

antivirus software

Understand the

current state of the

antivirus software

market, and get

recommendations for

users and vendors

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who are leveraging  
this software The  
Antivirus Hacker's  
Handbook is the  
essential reference for  
software reverse  
engineers,  
penetration testers,  
security researchers,  
exploit writers,  
antivirus vendors, and  
software engineers  
who want to  
understand how to

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leverage current  
antivirus software to  
improve future  
applications.

Widely considered  
one of the best  
practical guides to  
programming, Steve  
McConnell s original  
CODE COMPLETE  
has been helping  
developers write  
better software for  
more than a decade.

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Now this classic book has been fully updated and revised with leading-edge practices-and hundreds of new code samples-illustrating the art and science of software construction. Capturing the body of knowledge available from research, academia, and everyday commercial



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practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance. No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking-and help you

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build the highest  
quality code.

Greasemonkey Hacks

The Definitive Guide

Perl One-Liners

Beowulf Cluster

Computing with Linux

Advanced Linux

Programming

JavaScript

**This text  
introduces the  
spirit and**

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**theory of  
hacking as well  
as the science  
behind it all;  
it also  
provides some  
core techniques  
and tricks of  
hacking so you  
can think like  
a hacker, write  
your own hacks  
or thwart**

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**potential  
system attacks.  
Provides  
information on  
Asterisk, an  
open source  
telephony  
application.  
This is the  
eBook version  
of the printed  
book. If the  
print book**

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**includes a CD-ROM, this content is not included within the eBook version.**

**Advanced Linux Programming is divided into two parts. The first covers generic UNIX system**

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**services, but  
with a  
particular eye  
towards Linux  
specific  
information.  
This portion of  
the book will  
be of use even  
to advanced  
programmers who  
have worked  
with other**

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**Linux systems since it will cover Linux specific details and differences. For programmers without UNIX experience, it will be even more valuable. The second section covers**

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**material that  
is entirely  
Linux specific.  
These are truly  
advanced  
topics, and are  
the techniques  
that the gurus  
use to build  
great  
applications.  
While this book  
will focus**



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mostly on the  
Application  
Programming  
Interface (API)  
provided by the  
Linux kernel  
and the C  
library, a  
preliminary  
introduction to  
the development  
tools available  
will allow all

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**who purchase  
the book to  
make immediate  
use of Linux.  
Covering the  
LPI General  
Linux Exams 101  
and 102, this  
helpful test  
preparation  
guidebook  
offers a  
detailed**

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**summary of each  
exam, along  
with hands-on  
exercises,  
extensive  
explanations  
and review, and  
practice exams.  
Original. (Inte  
rmediate/Advanc  
ed)**

**International  
Research**

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**Centers**

**Directory**

**Bioinformatics**

**PHP Cookbook**

**From Novice to**

**Professional**

**Learning MySQL**

**Tips & Tools**

**for**

**Programming,**

**Debugging, and**

**Surviving**

***Winner of the***

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***Project***

***Management***

***Institute's David I.***

***Cleland Project***

***Management***

***Literature Award***

***2010 It's no***

***wonder that***

***project managers***

***spend so much***

***time focusing their***

***attention on risk***

***identification.***

***Important projects***

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*tend to be time  
constrained, pose  
huge technical  
challenges, and  
suffer from a lack  
of adequate  
resources.*

*Identifying and  
Managing Project  
Risk, now updated  
and consistent with  
the very latest  
Project  
Management Body*

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*of Knowledge*

*(PMBOK)® Guide,  
takes readers  
through every  
phase of a project,  
showing them how  
to consider the  
possible risks  
involved at every  
point in the  
process. Drawing  
on real-world  
situations and  
hundreds of*

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***examples, the book outlines proven methods, demonstrating key ideas for project risk planning and showing how to use high-level risk assessment tools. Analyzing aspects such as available resources, project scope, and scheduling, this***



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***new edition also  
explores the  
growing area of  
Enterprise Risk  
Management.  
Comprehensive  
and completely up-  
to-date, this book  
helps readers  
determine risk  
factors thoroughly  
and  
decisively...before  
a project gets***

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**derailed.**

***An overview of the  
programming  
language's  
fundamentals  
covers syntax,  
initialization,  
implementation,  
classes, error  
handling, objects,  
applets, multiple  
threads, projects,  
and network  
programming.***

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***The Basics of  
Hacking and  
Penetration  
Testing, Second  
Edition, serves as  
an introduction to  
the steps required  
to complete a  
penetration test or  
perform an ethical  
hack from  
beginning to end.  
The book teaches  
students how to***

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***properly utilize and interpret the results of the modern-day hacking tools required to complete a penetration test. It provides a simple and clean explanation of how to effectively utilize these tools, along with a four-***

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***step methodology  
for conducting a  
penetration test or  
hack, thus  
equipping students  
with the know-how  
required to jump  
start their careers  
and gain a better  
understanding of  
offensive security.  
Each chapter  
contains hands-on  
examples and***

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***exercises that are designed to teach learners how to interpret results and utilize those results in later phases. Tool coverage includes: Backtrack Linux, Google reconnaissance, MetaGooFil, dig, Nmap, Nessus, Metasploit, Fast***

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***Track Autopwn,  
Netcat, and Hacker  
Defender rootkit.***

***This is  
complemented by  
PowerPoint slides  
for use in class.***

***This book is an  
ideal resource for  
security  
consultants,  
beginning InfoSec  
professionals, and  
students. Each***

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***chapter contains  
hands-on examples  
and exercises that  
are designed to  
teach you how to  
interpret the  
results and utilize  
those results in  
later phases.***

***Written by an  
author who works  
in the field as a  
Penetration Tester  
and who teaches***



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***Offensive Security,  
Penetration  
Testing, and  
Ethical Hacking,  
and Exploitation  
classes at Dakota  
State University.  
Utilizes the Kali  
Linux distribution  
and focuses on the  
seminal tools  
required to  
complete a  
penetration test.***

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***Explains how and why hackers break into computers, steal information, and deny services to machines' legitimate users, and discusses strategies and tools used by hackers and how to defend against them.***

**42 Specific Ways to**

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***Improve Your Use  
of C++11 and  
C++14***

***The Antivirus  
Hacker's Handbook  
Effective Modern  
C++***

***Tips & Tools for  
Internet Telephony***

***Tips & Tools for  
Remixing the Web  
with Firefox***

***Solutions &  
Examples for Perl***

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***Programmers***

Perl

Cookbook Solutions  
& Examples for  
Perl Programmers"  
O'Reilly Media,  
Inc."

Why reinvent the  
wheel every time  
you run into a  
problem with  
JavaScript? This

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cookbook is chock-full of code recipes that address common programming tasks, as well as techniques for building web apps that work in any browser. Just copy and paste the code samples into

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your project—you'll  
get the job done  
faster and learn  
more about  
JavaScript in the  
process. You'll  
also learn how to  
take advantage of  
the latest features  
in ECMAScript 5  
and HTML5,  
including the new

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cross-domain  
widget  
communication  
technique,  
HTML5's video  
and audio  
elements, and the  
drawing canvas.  
You'll find recipes  
for using these  
features with  
JavaScript to build

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high-quality  
application  
interfaces. Create  
interactive web  
and desktop  
applications Work  
with JavaScript  
objects, such as  
String, Array,  
Number, and Math  
Use JavaScript  
with Scalable



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Vector Graphics  
(SVG) and the  
canvas element  
Store data in  
various ways, from  
the simple to the  
complex Program  
the new HTML5  
audio and video  
elements  
Implement  
concurrent

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programming with  
Web Workers Use  
and create jQuery  
plug-ins Use ARIA  
and JavaScript to  
create fully  
accessible rich  
internet  
applications

Coming to grips  
with C++11 and  
C++14 is more

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than a matter of familiarizing yourself with the features they introduce (e.g., auto type declarations, move semantics, lambda expressions, and concurrency support). The challenge is

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learning to use those features effectively—so that your software is correct, efficient, maintainable, and portable. That's where this practical book comes in. It describes how to write truly great

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software using  
C++11 and  
C++14—i.e. using  
modern C++.

Topics include:

The pros and cons  
of braced  
initialization,  
noexcept  
specifications,  
perfect forwarding,  
and smart pointer

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make functions

The relationships  
among `std::move`,  
`std::forward`, rvalue  
references, and  
universal  
references

Techniques for  
writing clear,  
correct, effective  
lambda  
expressions How

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std::atomic differs  
from volatile, how  
each should be  
used, and how  
they relate to  
C++'s concurrency  
API How best  
practices in "old"  
C++ programming  
(i.e., C++98)  
require revision for  
software

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development in  
modern C++  
Effective Modern  
C++ follows the  
proven guideline-  
based, example-  
driven format of  
Scott Meyers'  
earlier books, but  
covers entirely  
new material.

"After I learned the



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C++ basics, I then learned how to use C++ in production code from Meyer's series of Effective C++ books.

Effective Modern C++ is the most important how-to book for advice on key guidelines, styles, and idioms

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to use modern  
C++ effectively  
and well. Don't  
own it yet? Buy  
this one. Now". --  
Herb Sutter, Chair  
of ISO C++  
Standards  
Committee and  
C++ Software  
Architect at  
Microsoft

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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

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one thing really well. In Perl One-Liners, author and impatient hacker Peteris Krumins takes you through more than 100 compelling one-liners that do all sorts of handy things, such as manipulate line

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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 Krumins

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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,

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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 \*

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## 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



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placed keystrokes  
with Perl One-  
Liners.

HTTP Developer's  
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Python

## Understanding the Linux Kernel

To thoroughly understand what makes Linux tick and why it's so efficient, you need to delve deep into the heart of the operating system--into the

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Linux kernel itself.

The kernel is

Linux--in the case

of the Linux

operating system,

it's the only bit of

software to which

the term "Linux"

applies. The kernel

handles all the

requests or

completed I/O

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operations and  
determines which  
programs will  
share its  
processing time,  
and in what order.  
Responsible for  
the sophisticated  
memory  
management of  
the whole system,  
the Linux kernel is

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the force behind  
the legendary  
Linux efficiency.

The new edition of  
Understanding the  
Linux Kernel takes  
you on a guided  
tour through the  
most significant  
data structures,  
many algorithms,  
and programming

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tricks used in the kernel. Probing beyond the superficial features, the authors offer valuable insights to people who want to know how things really work inside their machine. Relevant

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segments of code are dissected and discussed line by line. The book covers more than just the functioning of the code, it explains the theoretical underpinnings for why Linux does things the way it

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does. The new edition of the book has been updated to cover version 2.4 of the kernel, which is quite different from version 2.2: the virtual memory system is entirely new, support for multiprocessor



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systems is improved, and whole new classes of hardware devices have been added. The authors explore each new feature in detail. Other topics in the book include: Memory management

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including file  
buffering, process  
swapping, and  
Direct memory  
Access (DMA) The  
Virtual Filesystem  
and the Second  
Extended  
Filesystem Process  
creation and  
scheduling Signals,  
interrupts, and the

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essential

interfaces to  
device drivers

Timing

Synchronization in  
the kernel

Interprocess

Communication

(IPC) Program

execution

Understanding the

Linux Kernel,

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Second Edition will acquaint you with all the inner workings of Linux, but is more than just an academic exercise. You'll learn what conditions bring out Linux's best performance, and you'll see how it

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meets the  
challenge of  
providing good  
system response  
during process  
scheduling, file  
access, and  
memory  
management in a  
wide variety of  
environments. If  
knowledge is

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power, then this book will help you make the most of your Linux system. "In this book, Andy Baxevanis and Francis Ouellette . . . have undertaken the difficult task of organizing the knowledge in this field in a

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logical progression  
and presenting it  
in a  
digestible form.  
And they have  
done an excellent  
job. This fine text  
will make a major  
impact on  
biological research  
and, in turn, on  
progress

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inbiomedicine. We  
are all in their  
debt." —Eric  
Lander from the  
Foreword Reviews  
from the First  
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a broad overview  
of the basic tools  
for  
sequenceanalysis  
... For biologists



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approaching this subject for the firsttime, it will be a very useful handbook to keep on the shelf afterthe first reading, close to the computer."

—Nature

Structural Biology

"...should be in the

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also find this book  
a useful addition  
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reference to the  
principles  
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—Trends in  
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comparisons of  
both  
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tools and databases  
relevant to  
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research.  
Equipping  
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and the experience  
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simple language,  
the book  
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users without an  
advanced  
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new edition

includes: All new  
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and problem sets

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containing the  
answers to the  
problems, as well  
as links to relevant

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comparative  
genomics, large-  
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sequence tags A  
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terms in

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reading

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instructors, and

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levels in  
molecularbiology  
and  
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well as for  
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Oracle PL/SQL  
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America  
Writing Secure  
Code  
101 Rules,  
Guidelines, and  
Best Practices  
Workshop  
Summary

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Stellar author  
team of  
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helps  
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get thoroughly

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up to speed on  
Microsoft's new  
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with this  
complete, in-  
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Prepare  
yourself to  
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corporate  
intranets, but  
also the mass  
web hosting  
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this expert  
content. The  
book covers  
common  
administrative  
tasks  
associated with  
monitoring and

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managing an IIS environment--and then moves well beyond, into extensibility, scripted admin, and other complex topics. The book highlights automated options outside

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the GUI,  
options that  
include the  
PowerShell  
provider and  
AppCmd tool. It  
explores  
extensibility  
options for  
developers,  
including ISAPI  
and  
HTTPModules.



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And, it delves into security protocols and high availability/load balancing at a level of detail that is not often found in IIS books. Author team includes Microsoft MVPs

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and an IIS team member Covers the management and monitoring of Microsoft Internet Information Services (IIS) 8 for administrators and developers, including MOF and MOM Delves

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into topics not  
often included  
in IIS books,  
including using  
the PowerShell  
provider and  
AppCmd tool and  
other automated  
options, and  
extending IIS 8  
with ISAPI or  
HTTPModules  
Explores

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security issues  
in depth,  
including high  
availability/lo  
ad balancing,  
and the  
Kerberos, NTLM,  
and PKI/SSL  
protocols  
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debug and  
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IIS

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Professional  
Microsoft IIS 8  
features a  
wealth of  
information  
gathered from  
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this an

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for creating  
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fetching URLs  
and generating  
bar charts  
using the open

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source

scripting

language,

covering topics

such as data

types, regular

expressions,

encryption, and

PEAR.

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book shows you

how to create

PHP command

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line interface  
(CLI) scripts,  
including user  
interaction and  
scripts to  
automate and  
assist your  
workflow. Learn  
to quickly  
create useful  
and effective  
command line  
software and



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scripts using  
the world's  
most popular  
web scripting  
language, PHP.  
Enjoy the  
benefits of  
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learning new ones. Save time and increase productivity by using a high-level language. Make money by providing your clients with a full-stack service. What You'll Learn Learn about the

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line Easily  
deal with user  
input and  
console output  
Work with  
helper  
libraries and  
software Find  
out the

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differences  
between  
programming for  
the web and for  
the CLI Who  
This Book Is  
For Experienced  
PHP programmers  
and web  
developers.  
Coding and  
testing are  
often

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considered  
separate areas  
of expertise.  
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comprehensive  
guide, author  
and Java expert  
Scott Oaks  
takes the  
approach that  
anyone who  
works with Java  
should be

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equally adept  
at  
understanding  
how code  
behaves in the  
JVM, as well as  
the tunings  
likely to help  
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tools, and  
processes for  
improving the  
way Java 7 and  
8 applications  
perform. Apply  
four principles  
for obtaining  
the best  
results from  
performance  
testing Use JDK



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tools to  
collect data on  
how a Java  
application is  
performing  
Understand the  
advantages and  
disadvantages  
of using a JIT  
compiler Tune  
JVM garbage  
collectors to  
affect programs

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as little as possible Use techniques to manage heap memory and JVM native memory Maximize Java threading and synchronization performance features Tackle performance issues in Java

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EE and Java SE

APIs Improve

Java-driven

database

application

performance

A Practical

Guide to the

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HTTP

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Line Interface  
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A Desktop Quick  
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HTTP is the protocol  
that powers the Web.

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As Web applications become more sophisticated, and as emerging technologies continue to rely heavily on HTTP, understanding this protocol is becoming more and more essential for professional Web developers. By learning HTTP

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protocol, Web developers gain a deeper understanding of the Web's architecture and can create even better Web applications that are more reliable, faster, and more secure. The HTTP Developer's Handbook is written specifically for Web developers. It

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begins by introducing the protocol and explaining it in a straightforward manner. It then illustrates how to leverage this information to improve applications. Extensive information and examples are given covering a wide variety of issues, such

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as state and session management, caching, SSL, software architecture, and application security. Covers topics including HTTP methods and status codes, optimizing proxies, designing web crawlers, content negotiation, and load-balancing strategies.



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collection of  
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examples for anyone  
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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

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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  
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and graphical

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applications Managing

other processes

Writing secure scripts

Client-server

programming Internet

applications

programming with

mail, news, ftp, and

telnet CGI and

mod\_perl

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programming Since its

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management, security,  
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Collecting Data from  
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Considerations in  
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