

Est Quickstart Fire System Manual

Sage for Undergraduates Learning MySQL Kafka: The Definitive Guide Titan GURPS Lite Residential Costs with Rsmmeans Data UNIX Alien RPG Domino 7 for Sun Solaris 10 Amazon Athena User Guide Kubernetes Operators Handbook of Electrical Design Details Die #1 Mobile, Ubiquitous, and Intelligent Computing Nagios Core Administration Cookbook Radiology in Global Health Handbook of Injury and Violence Prevention Unix and Linux Relationships Made Simple Fate Gnuplot in Action Email Security with Cisco IronPort Oracle to DB2 Conversion Guide: Compatibility Made Easy Local Budgeting Python Automation Cookbook The Bullet Journal Method Introduction to Linux (Second Edition) Mastering Bitcoin Handbook of Software Quality Assurance Python for Unix and Linux System Administration OpenSolaris Bible MindManager For Dummies Bash Cookbook Hardening Linux Resources in Education Monitoring Plant and Animal Populations Learning Web Design Exploring Zynq Mpsoc NFPA 12 Pro Service-Oriented Smart Clients with .NET 2.0

Sage for Undergraduates

Over 90 hands-on recipes that will employ Nagios Core as the anchor of monitoring on your network About This Book Master the advanced configuration techniques of Nagios Core to model your network better by improving hosts, services, and contacts Filter and improve the notifications that Nagios Core sends in response to failed checks, which can greatly assist you when diagnosing problems Pull Nagios Core's data into a database to write clever custom reports of your own devise Who This Book Is For If you are a network or system administrator and are looking for instructions and examples on working with Nagios Core, then this book is for you. Some basic shell command-line experience is required, and some knowledge of scripting would be helpful when we discuss how plugins work. What You Will Learn Manage the configuration of Nagios Core with advanced techniques to achieve fine detail in your checks Find, install, and even write your own check plugins Filter notifications to send them to the right people or programs at the right time Work around difficult network accessibility issues and delegate checks to other machines Tweak a Nagios Core server to achieve both high performance and redundancy in case of disaster Process the results of checks performed by other machines to monitor backups and similar processes Extend Nagios Core to allow advanced scripting, reporting, and network visualization behavior In Detail Nagios Core is an open source monitoring framework suitable for any network that ensures both internal and customer-facing services are running correctly and manages notification and reporting behavior to diagnose and fix outages promptly. It allows very fine configuration of exactly when, where, what, and how to check network services to meet both the uptime goals of your network and systems team and the needs of your users. This book shows system and network administrators how to use Nagios Core to its fullest as a monitoring framework for checks on any kind of network services, from the smallest home network to much larger production multi-site services. You will discover that Nagios Core is capable of doing much more than pinging a host or to see whether websites respond. The recipes in this book will demonstrate how to leverage Nagios Core's advanced configuration, scripting hooks, reports, data retrieval, and extensibility to integrate it with your existing

systems, and to make it the rock-solid center of your network monitoring world. Style and approach Each chapter contains a set of step-by-step recipes to perform an example of a commonly performed task related to network administration. The book begins by focusing closely on the properties and configuration of Nagios Core itself, and gradually moves on to other pieces of software that can support, manage, and extend the system.

Learning MySQL

In this updated edition, authors Deborah and Eric Ray use crystal-clear instructions and friendly prose to introduce you to all of today's Unix essentials. You'll find the information you need to get started with the operating system and learn the most common Unix commands and concepts so that Unix can do the hard work for you. After mastering the basics of Unix, you'll move on to how to use directories and files, work with a shell, and create and edit files. You'll then learn how to manipulate files, configure a Unix environment, and run—and even write—scripts. Throughout the book—from logging in to being root—the authors offer essential coverage of Unix.

Kafka: The Definitive Guide

Titan

Finally, a book that takes a simple approach to improving relationships. In straightforward language this book introduces the reader to the 'Relationship Banking' concept, which has the power to change forever the way people look and conduct at all their relationships. This book contains all the information required to teach readers exactly what they need to do to rekindle, repair or rescue their relationship and for a lot less than the cost of one professional counselling session. This book is an easy to read 105 pages, written by a psychologist. It contains all the information needed to dramatically improve our most important relationship - the one with our life partner.

GURPS Lite

A COMPREHENSIVE SOURCE OF TECHNICAL DETAILS ON ELECTRICAL POWER FROM GENERATION TO PRACTICAL APPLICATIONS Reliable, low-cost electric power is a fundamental requirement for modern society, making possible such vital services as lighting, HVAC, transportation, communication, and data processing, in addition to driving motors of all sizes. A mainstay of industrial productivity and economic prosperity, it is also essential for safeguarding human life and health. This handbook is a valuable information resource on electric power for everyone from technical professionals to students and laypeople. This compact, user-friendly edition updates and expands on the earlier edition. Its core content of power generation, distribution, lighting, wiring, motors, and project planning has been supplemented by new topics: * CAD for preparing electrical drawings and estimates * Basic switch and receptacle circuit wiring * Structured wiring for multimedia * Swimming pool and low-voltage lighting * Electrical surge protection

An easy-to-read style makes complex topics understandable. It's a must-have reference for those with a need or desire to get up to speed on the entire subject of electric power or just familiarize themselves with the latest advances--regardless of their formal education or training. Reader-helpful features in this edition include: * Up-front chapter summaries to save time in finding topics of interest. * References to related articles in the National Electrical Code. * A bibliography identifying additional sources for digging deeper. * Approximately 300 illustrations

Residential Costs with Rsmeans Data

THE WICKED + THE DIVINE writer KIERON GILLEN teams up with artist supernova STEPHANIE HANS (THE WICKED + THE DIVINE 1831, Journey Into Mystery) for her first ongoing comic! DIE is a pitch-black fantasy where a group of forty-something adults have to deal with the returning unearthly horror they barely survived as teenage role-players. If Kieron's in a rush, he describes it as "Goth Jumanji." That only captures a sliver of what you'll find in oversized debut issue—where fantasy gets all too real.

UNIX

This book introduces the Zynq MPSoC (Multi-Processor System-on-Chip), an embedded device from Xilinx. The Zynq MPSoC combines a sophisticated processing system that includes ARM Cortex-A53 applications and ARM Cortex-R5 real-time processors, with FPGA programmable logic. As well as guiding the reader through the architecture of the device, design tools and methods are also covered in detail: both the conventional hardware/software co-design approach, and the newer software-defined methodology using Xilinx's SDx development environment. Featured aspects of Zynq MPSoC design include hardware and software development, multiprocessing, safety, security and platform management, and system booting. There are also special features on PYNQ, the Python-based framework for Zynq devices, and machine learning applications. This book should serve as a useful guide for those working with Zynq MPSoC, and equally as a reference for technical managers wishing to gain familiarity with the device and its associated design methodologies.

Alien RPG

After a beginning overview of the history of OpenSolaris, its open-source licensing, and the community development model, this book then goes on to highlight the aspects of OpenSolaris that differ from more familiar operating systems. You'll learn how to become a power user of OpenSolaris by maximizing the abilities of advanced features like Dtrace, the fault management architecture, ZFS, the service management facility, and Zones. Authors provide insider tips, unique tricks, and practical examples to help you stay sharp with the latest features of OpenSolaris.

Domino 7 for Sun Solaris 10

Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery.

Amazon Athena User Guide

Every enterprise application creates data, whether it's log messages, metrics, user activity, outgoing messages, or something else. And how to move all of this data becomes nearly as important as the data itself. If you're an application architect, developer, or production engineer new to Apache Kafka, this practical guide shows you how to use this open source streaming platform to handle real-time data feeds. Engineers from Confluent and LinkedIn who are responsible for developing Kafka explain how to deploy production Kafka clusters, write reliable event-driven microservices, and build scalable stream-processing applications with this platform. Through detailed examples, you'll learn Kafka's design principles, reliability guarantees, key APIs, and architecture details, including the replication protocol, the controller, and the storage layer. Understand publish-subscribe messaging and how it fits in the big data ecosystem. Explore Kafka producers and consumers for writing and reading messages Understand Kafka patterns and use-case requirements to ensure reliable data delivery Get best practices for building data pipelines and applications with Kafka Manage Kafka in production, and learn to perform monitoring, tuning, and maintenance tasks Learn the most critical metrics among Kafka's operational measurements Explore how Kafka's stream delivery capabilities make it a perfect source for stream processing systems

Kubernetes Operators

Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need.

Handbook of Electrical Design Details

The World Health Organization stated that approximately two-thirds of the world's population lacks adequate access to medical imaging. The scarcity of imaging services in developing regions contributes to a widening disparity of health care and limits global public health programs that require imaging. Radiology is an important component of many global health programs, including those that address tuberculosis, AIDS-related disease, trauma, occupational and environmental exposures, breast cancer screening, and maternal-infant health care. There is a growing need for medical imaging in global health efforts and humanitarian outreach, particularly as an increasing number of academic, government, and non-governmental organizations expand delivery of health care to disadvantaged people worldwide. To systematically deploy clinical imaging services to low-resource settings requires contributions from a variety of disciplines such as clinical radiology, epidemiology, public health, finance, radiation physics, information technology, engineering, and others. This book will review critical concepts for those interested in managing, establishing, or participating in a medical imaging program for resource-limited environments and diverse cross-cultural contexts undergoing imaging technology adaptation.

Die #1

*Imparts good security doctrine, methodology, and strategies *Each application-focused chapter will be able to be used as a stand-alone HOW-TO for that particular application. *Offers users a selection of resources (websites, mailing lists, and books) to further their knowledge.

Mobile, Ubiquitous, and Intelligent Computing

As the open-source and free competitor to expensive software like Maple™, Mathematica®, Magma, and MATLAB®, Sage offers anyone with access to a web browser the ability to use cutting-edge mathematical software and display his or her results for others, often with stunning graphics. This book is a gentle introduction to Sage for undergraduate students toward the end of Calculus II (single-variable integral calculus) or higher-level course work such as Multivariate Calculus, Differential Equations, Linear Algebra, or Math Modeling. The book assumes no background in computer science, but the reader who finishes the book will have learned about half of a first semester Computer Science I course, including large parts of the Python programming language. The audience of the book is not only math majors, but also physics, engineering, finance, statistics, chemistry, and computer science majors.

Nagios Core Administration Cookbook

For years Carroll tried countless organizing systems, online and off, but none of them fit the way his mind worked. He developed the Bullet Journal , and it helped him become consistently focused and effective. Now he shows readers how the Bullet Journal method can help you weed out distractions and focus your time and energy in pursuit of what's truly meaningful, in both your work and your personal life. -- adapted from back cover

Radiology in Global Health

Handbook of Injury and Violence Prevention

Want to join the technological revolution that's taking the world of finance by storm? Mastering Bitcoin is your guide through the seemingly complex world of bitcoin, providing the requisite knowledge to help you participate in the internet of money. Whether you're building the next killer app, investing in a startup, or simply curious about the technology, this practical book is essential reading. Bitcoin, the first successful decentralized digital currency, is still in its infancy and it's already spawned a multi-billion dollar global economy. This economy is open to anyone with the knowledge and passion to participate. Mastering Bitcoin provides you with the knowledge you need (passion not included). This book includes: A broad introduction to bitcoin—ideal for non-technical users, investors, and business executives An explanation of the technical foundations of bitcoin and cryptographic currencies for developers, engineers, and software and systems architects Details of the bitcoin decentralized network, peer-to-peer architecture, transaction

lifecycle, and security principles Offshoots of the bitcoin and blockchain inventions, including alternative chains, currencies, and applications User stories, analogies, examples, and code snippets illustrating key technical concepts

Unix and Linux

Monitoring Plant and Animal Populations offers an overview of population monitoring issues that is accessible to the typical field biologist and land managers with a modest statistical background. The text includes concrete guidelines for ecologists to follow to design a statistically defensible monitoring program. User-friendly, practical guide, written in a highly readable format. The authors provide an interdisciplinary scope to address the current, widespread interest in monitoring in many environmental fields, including pure and applied ecology, conservation biology, and wildlife management. Emphasizes the role of monitoring in adaptive management. Defines important terminology and contrasts monitoring with other data-collection activities. Covers the applicable principles of sampling and shows how to design a monitoring project. Provides a step-by-step overview of the monitoring process, illustrated by flow charts and references. The authors also offer guidelines for analyzing and interpreting monitoring data. Illustrates the foundation of management objectives and describes their components, types, and development. Describes common field techniques for measuring important attributes of animal and plant populations. Reviews different methods for recording monitoring data in the field, managing the data, and communicating data to policymakers.

Relationships Made Simple

Fate

Step-by-step instructions which take you through each program to automate monotonous tasks with Python 3.7 Key Features Automate integral business processes such as report generation, email marketing, and lead generation Build your first web application that scrapes data and accesses websites' APIs Create graphic-rich charts, graphs, and maps using Matplotlib Book Description Have you been doing the same old monotonous office work over and over again? Or have you been trying to find an easy way to make your life better by automating some of your repetitive tasks? Through a tried and tested approach, understand how to automate all the boring stuff using Python. The Python Automation Cookbook helps you develop a clear understanding of how to automate your business processes using Python, including detecting opportunities by scraping the web, analyzing information to generate automatic spreadsheets reports with graphs, and communicating with automatically generated emails. You'll learn how to get notifications via text messages and run tasks while your mind is focused on other important activities, followed by understanding how to scan documents such as résumés. Once you've gotten familiar with the fundamentals, you'll be introduced to the world of graphs, along with studying how to produce organized charts using Matplotlib. In addition to this, you'll gain in-depth knowledge of how to generate rich graphics showing relevant information. By the end of this book, you'll have

refined your skills by attaining a sound understanding of how to identify and correct problems to produce superior and reliable systems. What you will learn Get to grips with scraping a website to detect changes Search and process raw sales files to aggregate information in spreadsheets Explore techniques to extract information from an Excel spreadsheet and generate exciting reports with graphs Discover the techniques required to generate random, print-friendly codes to be used as single-use coupons Automatically generate a marketing campaign, contacting the recipients over different channels Identify and implement precise solutions Who this book is for The Python Automation Cookbook is for you if you are a developer or anyone who wants to automate monotonous manual tasks related to fields such as finance, sales, and HR, among others.

Gnuplot in Action

Although the IBM Lotus Domino server is platform independent, each platform it runs on requires some additional platform-specific knowledge and configuration to ensure that it operates efficiently and at maximum capability. This IBM Redbooks publication explains how to run Domino 7 on the Sun Solaris 10 Operating Environment. The primary focus is to explain the installation, configuration, and performance tuning of Domino 7 in this environment. We take you through all of the steps that are required to run a Domino 7 server on Solaris 10, from choosing the right hardware, installing Solaris and Domino, tuning the OS and the Domino server, security for the OS and Domino, and performing administrative tasks, through to problem determination and troubleshooting.

Email Security with Cisco IronPort

For system administrators, programmers, and end users, shell command or carefully crafted shell script can save you time and effort, or facilitate consistency and repeatability for a variety of common tasks. This cookbook provides more than 300 practical recipes for using bash, the popular Unix shell that enables you to harness and customize the power of any Unix or Linux system. Ideal for new and experienced users alike—including proficient Windows users and sysadmins—this updated second edition helps you solve a wide range of problems. You'll learn ways to handle input/output, file manipulation, program execution, administrative tasks, and many other challenges. Each recipe includes one or more scripting examples and a discussion of why the solution works. You'll find recipes for problems including: Standard output and input, and executing commands Shell variables, shell logic, and arithmetic Intermediate shell tools and advanced scripting Searching for files with find, locate, and slocate Working with dates and times Creating shell scripts for various end-user tasks Working with tasks that require parsing Writing secure shell scripts Configuring and customizing bash

Oracle to DB2 Conversion Guide: Compatibility Made Easy

Local budgeting serves important functions that include setting priorities, planning, financial control over inputs, management of operations and accountability to citizens. These objectives give rise to technical and policy issues that require open discussion and debate. The format of the budget document can facilitate this

debate. This book provides a comprehensive treatment of all aspects of local budgeting needed to develop sound fiscal administration at the local level. Topics covered include fiscal administration, forecasting, fiscal discipline, fiscal transparency, integrity of revenue administration, budget formats, and processes including performance budgeting, and capital budgeting.

Local Budgeting

Grab your plasma rifles, spell components, and jetpacks! Name your game; Fate Core is the foundation that can make it happen. Fate Core is a flexible system that can support whatever worlds you dream up. Have you always wanted to play a post-apocalyptic spaghetti western with tentacle monsters? Swords and sorcery in space? Wish there was a game based on your favorite series of books, film, or television, but it never happened? Fate Core is your answer. Fate Core is a tabletop roleplaying game about proactive, capable people who lead dramatic lives. The type of drama they experience is up to you. But wherever they go, you can expect a fun storytelling experience full of twists of fate. GAME INFORMATION Number of players: 3-6 Age of players: 12+ Length: 2-8 hours Type of Game: Roleplaying Game Languages Available: English Suggested Retail: \$25.00 Game Designers: Leonard Balsera, Brian Engard, Jeremy Keller, Ryan Macklin, Mike Olson

Python Automation Cookbook

Amazon Athena is an interactive query service that makes it easy to analyze data directly in Amazon Simple Storage Service (Amazon S3) using standard SQL. With a few actions in the AWS Management Console, you can point Athena at your data stored in Amazon S3 and begin using standard SQL to run ad-hoc queries and get results in seconds. Athena is serverless, so there is no infrastructure to set up or manage, and you pay only for the queries you run. Athena scales automatically--executing queries in parallel--so results are fast, even with large datasets and complex queries.

The Bullet Journal Method

"Space is vast, dark, and not your friend. Gamma rays and neutrino bursts erupt from dying stars to cook you alive, black holes tear you apart, and the void itself boils your blood and seizes your brain. Try to scream and no one can hear you - hold your breath and you rupture your lungs. Space isn't as empty as you'd think, either - its frontiers are ever expanding. Rival governments wage a cold war of aggression while greedy corporations vie for valuable resources. Colonists reach for the stars and gamble with their lives - each new world tamed is either feast or famine. And there are things lurking in the shadows of every asteroid - things strange and different and deadly. Things alien. This is the official ALIEN tabletop roleplaying game - a universe of body horror and corporate brinkmanship, where synthetic people play god while space truckers and marines serve host to newborn ghoulish creatures. It's a harsh and unforgiving universe and you are nothing if not expendable. Stay alive if you can"--Back cover.

Introduction to Linux (Second Edition)

Operators are a way of packaging, deploying, and managing Kubernetes applications. A Kubernetes application doesn't just run on Kubernetes; it's composed and managed in Kubernetes terms. Operators add application-specific operational knowledge to a Kubernetes cluster, making it easier to automate complex, stateful applications and to augment the platform. Operators can coordinate application upgrades seamlessly, react to failures automatically, and streamline repetitive maintenance like backups. Think of Operators as site reliability engineers in software. They work by extending the Kubernetes control plane and API, helping systems integrators, cluster administrators, and application developers reliably deploy and manage key services and components. Using real-world examples, authors Jason Dobies and Joshua Wood demonstrate how to use Operators today and how to create Operators for your applications with the Operator Framework and SDK. Learn how to establish a Kubernetes cluster and deploy an Operator Examine a range of Operators from usage to implementation Explore the three pillars of the Operator Framework: the Operator SDK, the Operator Lifecycle Manager, and Operator Metering Build Operators from the ground up using the Operator SDK Build, package, and run an Operator in development, testing, and production phases Learn how to distribute your Operator for installation on Kubernetes clusters

Mastering Bitcoin

SQA (software quality assurance) is a critical factor that all software engineers and developers need to master, and this thoroughly revised fourth edition of the popular book, Handbook of Software Quality Assurance, serves as a one-stop resource for complete and current SQA knowledge. Emphasizing the importance of CMMI registered] and key ISO requirements, this unique book discusses a wide spectrum of real-world experiences and key issues presented in papers from leading experts in the field. The fourth edition is a significant update to past editions, providing the very latest details on current best practices and explaining how SQA can be implemented in organizations large and small. Practitioners find an updated discussion on the American Society for Quality (ASQ) SQA certification program, covering the benefits of becoming an ASQ certified software quality engineer. The book also helps readers better understand the requirements of the ASQ's CSQE examination.

Handbook of Software Quality Assurance

MUSIC 2013 will be the most comprehensive text focused on the various aspects of Mobile, Ubiquitous and Intelligent computing. MUSIC 2013 provides an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of intelligent technologies in mobile and ubiquitous computing environment. MUSIC 2013 is the next edition of the 3rd International Conference on Mobile, Ubiquitous, and Intelligent Computing (MUSIC-12, Vancouver, Canada, 2012) which was the next event in a series of highly successful International Workshop on Multimedia, Communication and Convergence technologies MCC-11 (Crete, Greece, June 2011), MCC-10 (Cebu, Philippines, August 2010).

Python for Unix and Linux System Administration

Email Security with Cisco IronPort thoroughly illuminates the security and performance challenges associated with today's messaging environments and shows you how to systematically anticipate and respond to them using Cisco's IronPort Email Security Appliance (ESA). Going far beyond any IronPort user guide, leading Cisco expert Chris Porter shows you how to use IronPort to construct a robust, secure, high-performance email architecture that can resist future attacks. Email Security with Cisco IronPort presents specific, proven architecture recommendations for deploying IronPort ESAs in diverse environments to optimize reliability and automatically handle failure. The author offers specific recipes for solving a wide range of messaging security problems, and he demonstrates how to use both basic and advanced features--including several hidden and undocumented commands. The author addresses issues ranging from directory integration to performance monitoring and optimization, and he offers powerful insights into often-ignored email security issues, such as preventing "bounce blowback." Throughout, he illustrates his solutions with detailed examples demonstrating how to control ESA configuration through each available interface. Chris Porter, Technical Solutions Architect at Cisco, focuses on the technical aspects of Cisco IronPort customer engagements. He has more than 12 years of experience in applications, computing, and security in finance, government, Fortune® 1000, entertainment, and higher education markets.

- Understand how the Cisco IronPort ESA addresses the key challenges of email security
- Select the best network deployment model for your environment, and walk through successful installation and configuration
- Configure and optimize Cisco IronPort ESA's powerful security, message, and content filtering
- Understand the email pipeline so you can take full advantage of it--and troubleshoot problems if they occur
- Efficiently control Cisco IronPort ESA through its Web User Interface (WUI) and command-line interface (CLI)
- Implement reporting, monitoring, logging, and file management
- Integrate Cisco IronPort ESA and your mail policies with LDAP directories such as Microsoft Active Directory
- Automate and simplify email security administration
- Deploy multiple Cisco IronPort ESAs and advanced network configurations
- Prepare for emerging shifts in enterprise email usage and new security challenges

This security book is part of the Cisco Press® Networking Technology Series. Security titles from Cisco Press help networking professionals secure critical data and resources, prevent and mitigate network attacks, and build end-to-end self-defending networks.

OpenSolaris Bible

Python is an ideal language for solving problems, especially in Linux and Unix networks. With this pragmatic book, administrators can review various tasks that often occur in the management of these systems, and learn how Python can provide a more efficient and less painful way to handle them. Each chapter in Python for Unix and Linux System Administration presents a particular administrative issue, such as concurrency or data backup, and presents Python solutions through hands-on examples. Once you finish this book, you'll be able to develop your own set of command-line utilities with Python to tackle a wide range of problems. Discover how this language can help you:

- Read text files and extract information
- Run tasks concurrently using the threading and forking options
- Get information from one process to another using network facilities
- Create clickable GUIs to handle large and complex utilities
- Monitor large clusters of machines by

interacting with SNMP programmatically Master the IPython Interactive Python shell to replace or augment Bash, Korn, or Z-Shell Integrate Cloud Computing into your infrastructure, and learn to write a Google App Engine Application Solve unique data backup challenges with customized scripts Interact with MySQL, SQLite, Oracle, Postgres, Django ORM, and SQLAlchemy With this book, you'll learn how to package and deploy your Python applications and libraries, and write code that runs equally well on multiple Unix platforms. You'll also learn about several Python-related technologies that will make your life much easier.

MindManager For Dummies

Data aimed at estimating the cost of new single family residential construction. Designed for home owners, contractors, estimators, architects and engineers. Featuring unit, assemblies and square foot prices.

Bash Cookbook

With in-depth information on over 250 of the most common UNIX commands of any flavor, this is an essential guide containing secrets of the UNIX wizards with simple visual, step-by-step instructions

Hardening Linux

Summary Gnuplot in Action, Second Edition is a major revision of this popular and authoritative guide for developers, engineers, and scientists who want to learn and use gnuplot effectively. Fully updated for gnuplot version 5, the book includes four pages of color illustrations and four bonus appendixes available in the eBook. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Gnuplot is an open-source graphics program that helps you analyze, interpret, and present numerical data. Available for Unix, Mac, and Windows, it is well-maintained, mature, and totally free. About the Book Gnuplot in Action, Second Edition is a major revision of this authoritative guide for developers, engineers, and scientists. The book starts with a tutorial introduction, followed by a systematic overview of gnuplot's core features and full coverage of gnuplot's advanced capabilities. Experienced readers will appreciate the discussion of gnuplot 5's features, including new plot types, improved text and color handling, and support for interactive, web-based display formats. The book concludes with chapters on graphical effects and general techniques for understanding data with graphs. It includes four pages of color illustrations. 3D graphics, false-color plots, heatmaps, and multivariate visualizations are covered in chapter-length appendixes available in the eBook. What's Inside Creating different types of graphs in detail Animations, scripting, batch operations Extensive discussion of terminals Updated to cover gnuplot version 5 About the Reader No prior experience with gnuplot is required. This book concentrates on practical applications of gnuplot relevant to users of all levels. About the Author Philipp K. Janert, PhD, is a programmer and scientist. He is the author of several books on data analysis and applied math and has been a gnuplot power user and developer for over 20 years. Table of Contents PART 1 GETTING STARTED Prelude: understanding data with gnuplot Tutorial: essential gnuplot The

heart of the matter: the plot command PART 2 CREATING GRAPHS Managing data sets and files Practical matters: strings, loops, and history A catalog of styles Decorations: labels, arrows, and explanations All about axes PART 3 MASTERING TECHNICALITIES Color, style, and appearance Terminals and output formats Automation, scripting, and animation Beyond the defaults: workflow and styles PART 4 UNDERSTANDING DATA Basic techniques of graphical analysis Topics in graphical analysis Coda: understanding data with graphs

Resources in Education

* Offers a unique blend of theory and examples. * The first book covering service orientation with smart clients. * Only book brave enough to tackle the challenges surrounding testing agility in smart clients. * Gives practical case studies to re-enforce theory. * Introduces the concept of smart agents.

Monitoring Plant and Animal Populations

This IBM® Redbooks® publication describes IBM DB2® SQL compatibility features. The latest version of DB2 includes extensive native support for the PL/SQL procedural language, new data types, scalar functions, improved concurrency, built-in packages, OCI, SQLPlus, and more. These features can help with developing applications that run on both DB2 and Oracle and can help simplify the process of moving from Oracle to DB2. In addition, IBM now provides tools to simplify the enablement process, such as the highly scalable IBM Data Movement Tool for moving schema and data into DB2, and an Editor and Profiler for PL/SQL provided by the IBM Data Studio tool suite. This Oracle to DB2 migration guide describes new technology, preferred practices for moving to DB2, and common scenarios that can help you as you move from Oracle to DB2. This book is intended for IT architects and developers who are converting from Oracle to DB2. DB2 compatibility with Oracle is provided through native support. The new capabilities in DB2 that provide compatibility are implemented at the lowest and most intimate levels of the database kernel, as though they were originally engineered for DB2. means that the DB2 implementation is done without the aid of an emulation layer. This intimacy leads to the scalable implementation that DB2 offers, providing identical performance between DB2 compatibility features and DB2 other language elements. For example, DB2 runs SQL PL at the same performance as PL/SQL implementations of the same function.

Learning Web Design

The first book available on this fast-growing and highly regarded software package MindManager allows users to visually map their ideas and brainstorming sessions in order to better organize thoughts and put them into action. Exploring all there is to know about the MindManager product, including the Standard, Business, Enterprise, and handheld releases, this book walks readers through the process and techniques in using MindManager to communicate ideas. Hugh Cameron (Indianapolis, IN) heads Camtech, Inc., a clinical engineering company that extends its reach to incorporate a diverse group of projects. Roger Voight, PhD, is a certified project manager with more than 30 years of experience in software

design, development, and software project management.

Exploring Zynq Mpsoc

In the Handbook of Injury and Violence Prevention, over fifty experts present the current landscape of intervention methods - from risk reduction to rethinking social norms - as they address some of the most prevalent forms of accidental and violent injury. - Overview chapters examine the social and economic scope of unintentional and violent injury today - Extensive literature review of specific intervention programs to prevent violence and injury - Special chapters on childhood injuries, alcohol-related accidents, and disasters - "Interventions in the Field" section offers solid guidelines for implementing and improving existing programs - Critical analysis of issues involved in delivering programs to wider audiences - Helpful appendices list relevant agencies and professional resources This dual focus on intervention and application makes the Handbook a bedrock text for professionals involved in delivering or managing prevention programs. Its what-works-now approach gives it particular utility in the graduate classroom, and researchers will benefit from the critical attention paid to knowledge gaps in the field. It is a major resource for any reader committed to reducing the number of incidents just waiting to happen.

NFPA 12

Pro Service-Oriented Smart Clients with .NET 2.0

Do you want to build web pages but have no prior experience? This friendly guide is the perfect place to start. You'll begin at square one, learning how the web and web pages work, and then steadily build from there. By the end of the book, you'll have the skills to create a simple site with multicolumn pages that adapt for mobile devices. Each chapter provides exercises to help you learn various techniques and short quizzes to make sure you understand key concepts. This thoroughly revised edition is ideal for students and professionals of all backgrounds and skill levels. It is simple and clear enough for beginners, yet thorough enough to be a useful reference for experienced developers keeping their skills up to date. Build HTML pages with text, links, images, tables, and forms Use style sheets (CSS) for colors, backgrounds, formatting text, page layout, and even simple animation effects Learn how JavaScript works and why the language is so important in web design Create and optimize web images so they'll download as quickly as possible NEW! Use CSS Flexbox and Grid for sophisticated and flexible page layout NEW! Learn the ins and outs of Responsive Web Design to make web pages look great on all devices NEW! Become familiar with the command line, Git, and other tools in the modern web developer's toolkit NEW! Get to know the super-powers of SVG graphics

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