

Http The Definitive Guide

Definitive Guides

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REALbasic - Matt Neuburg
2001

REALbasic is a powerful yet easy-to-learn programming environment for the Macintosh, including Mac OS X. Using REALbasic, even novice programmers can create interfaces in minutes, and can

generate entire, compiled applications for Mac and Windows without having to learn a complicated language. In REALbasic, you work in an intuitive and easy-to-use IDE (Integrated Development Environment) that accesses a powerful

object-oriented version of the BASIC programming language. REALbasic : The Definitive Guide, Second Edition provides complete coverage of REALbasic 3,2,1 and later as well as a thorough introduction to the major concepts of object-oriented programming. This book takes the reader from zero knowledge of programming to the ability to program every aspect of REALbasic. The book is divided into three main sections : Part 1, Fundamentals, provides a detailed and comprehensive summary of the language. It quickly shows you how to think about programming and how to accomplish your goals in less time. Part 2, User Interface, details the rich classes and predefined tools that make life so much easier for the REALbasic programmer, including such familiar components

of the visual arsenal as windows, buttons, and editable text fields. Part 3, Reaching Out, rounds out the book with comprehensive coverage of internet communications, multimedia, animation, and more. A new appendix, Growing an Application, takes readers through the stop-by-stop process of building an example application, which offers a glimpse into the author's own style of programming, complete with example code, expert tips, and practical advice. The first edition of REALbasic : The Definitive Guide was the winner of the 2000 Cubie award, given by REAL Software, in the category REALbasic Advocate of the Year. The book also won the Book Bytes award as best Mac programming book of 2000. REALbasic : The

Definitive Guide, Second Edition is the essential reference for the expanding legion of Mac users who are discovering the power and flexibility of this programming environment. This edition has been completely rewritten to cover Mac OS X, to reflect new features of REALbasic Version 3, and to respond to readers' suggestions.

Storycraft, Second Edition

- Jack Hart

2021-04-08

Jack Hart, master writing coach and former managing editor of the Oregonian, has guided several Pulitzer Prize-winning narratives to publication. Since its publication in 2011, his book Storycraft has become the definitive guide to crafting narrative nonfiction. This is the book to read to learn the art of storytelling as embodied in the work of writers

such as David Grann, Mary Roach, Tracy Kidder, and John McPhee.

In this new edition, Hart has expanded the book's range to delve into podcasting and has incorporated new insights from recent research into storytelling and the brain. He has also added dozens of new examples that illustrate effective narrative nonfiction. This edition of Storycraft is also paired with Wordcraft, a new incarnation of Hart's earlier book A Writer's Coach, now also available from Chicago.

High Performance Browser Networking

- Ilya Grigorik

2013-09-11
How prepared are you to build fast and efficient web applications? This eloquent book provides what every web developer should know about the network, from fundamental limitations that affect performance

to major innovations for building even more powerful browser applications—including HTTP 2.0 and XHR improvements, Server-Sent Events (SSE), WebSocket, and WebRTC. Author Ilya Grigorik, a web performance engineer at Google, demonstrates performance optimization best practices for TCP, UDP, and TLS protocols, and explains unique wireless and mobile network optimization requirements. You'll then dive into performance characteristics of technologies such as HTTP 2.0, client-side network scripting with XHR, real-time streaming with SSE and WebSocket, and P2P communication with WebRTC. Deliver superlative TCP, UDP, and TLS performance Speed up network performance over 3G/4G mobile networks Develop fast and energy-

efficient mobile applications Address bottlenecks in HTTP 1.x and other browser protocols Plan for and deliver the best HTTP 2.0 performance Enable efficient real-time streaming in the browser Create efficient peer-to-peer videoconferencing and low-latency applications with real-time WebRTC transports

Trino: The Definitive Guide - Matt Fuller

2021-04-14

Perform fast interactive analytics against different data sources using the Trino high-performance distributed SQL query engine. With this practical guide, you'll learn how to conduct analytics on data where it lives, whether it's Hive, Cassandra, a relational database, or a proprietary data store. Analysts, software engineers, and

production engineers will learn how to manage, use, and even develop with Trino. Initially developed by Facebook, open source Trino is now used by Netflix, Airbnb, LinkedIn, Twitter, Uber, and many other companies. Matt Fuller, Manfred Moser, and Martin Traverso show you how a single Trino query can combine data from multiple sources to allow for analytics across your entire organization. Get started: Explore Trino's use cases and learn about tools that will help you connect to Trino and query data Go deeper: Learn Trino's internal workings, including how to connect to and query data sources with support for SQL statements, operators, functions, and more Put Trino in production: Secure Trino, monitor

workloads, tune queries, and connect more applications; learn how other organizations apply Trino
SSH, The Secure Shell - Daniel J. Barrett 2005-05-10
Are you serious about network security? Then check out SSH, the Secure Shell, which provides key-based authentication and transparent encryption for your network connections. It's reliable, robust, and reasonably easy to use, and both free and commercial implementations are widely available for most operating systems. While it doesn't solve every privacy and security problem, SSH eliminates several of them very effectively. Everything you want to know about SSH is in our second edition of *SSH, The Secure Shell: The Definitive Guide*. This

updated book thoroughly covers the latest SSH-2 protocol for system administrators and end users interested in using this increasingly popular TCP/IP-based solution. How does it work? Whenever data is sent to the network, SSH automatically encrypts it. When data reaches its intended recipient, SSH decrypts it. The result is "transparent" encryption-users can work normally, unaware that their communications are already encrypted. SSH supports secure file transfer between computers, secure remote logins, and a unique "tunneling" capability that adds encryption to otherwise insecure network applications. With SSH, users can freely navigate the Internet, and system administrators can secure their networks or perform remote

administration. Written for a wide, technical audience, *SSH, The Secure Shell: The Definitive Guide* covers several implementations of SSH for different operating systems and computing environments. Whether you're an individual running Linux machines at home, a corporate network administrator with thousands of users, or a PC/Mac owner who just wants a secure way to telnet or transfer files between machines, our indispensable guide has you covered. It starts with simple installation and use of SSH, and works its way to in-depth case studies on large, sensitive computer networks. No matter where or how you're shipping information, *SSH, The Secure Shell: The Definitive Guide* will show you how to do it securely.

Copenhagenize - Mikael Colville-Andersen
2018-03-29
Urban designer Mikael Colville-Andersen draws from his experience working for dozens of cities around the world on bicycle planning, strategy, infrastructure design, and communication. In Copenhagenize he shows cities how to effectively and profitably re-establish the bicycle as a respected, accepted, and feasible form of transportation. Building on his popular blog of the same name, Copenhagenize offers entertaining stories, vivid project descriptions, and best practices, alongside beautiful and informative visuals to show how to make the bicycle an easy, preferred part of everyday urban life.
HTTP: The Definitive

Guide - David Gourley
2002-09-27
Covers topics including HTTP methods and status codes, optimizing proxies, designing web crawlers, content negotiation, and load-balancing strategies.
Asterisk: The Definitive Guide - Russell Bryant
2013-05-10
Design a complete Voice over IP (VoIP) or traditional PBX system with Asterisk, even if you have only basic telecommunications knowledge. This bestselling guide makes it easy, with a detailed roadmap that shows you how to install and configure this open source software, whether you're upgrading your existing phone system or starting from scratch. Ideal for Linux administrators, developers, and power users, this updated edition shows you how to write a basic dialplan

step-by-step, and brings you up to speed on the features in Asterisk 11, the latest long-term support release from Digium. You'll quickly gain working knowledge to build a simple yet inclusive system. Integrate Asterisk with analog, VoIP, and digital telephony systems Build an interactive dialplan, using best practices for more advanced features Delve into voicemail options, such as storing messages in a database Connect to external services including Google Talk, XMPP, and calendars Incorporate Asterisk features and functions into a relational database to facilitate information sharing Learn how to use Asterisk's security, call routing, and faxing features Monitor and control your system with the Asterisk Manager Interface (AMI) Plan for

expansion by learning tools for building distributed systems
Http - David Gourley
2002-09-01

This guide gives a complete and detailed description of the HTTP protocol and how it shapes the landscape of the Web by the technologies that it supports.

Ajax - Anthony T. Holdener 2008

Provides information on the basics of Ajax to create Web applications that function like desktop programs.

Http the Definitive Guide - David Gourley
2017-07-17

HTTP is the foundational protocol for exchanging information across the World Wide Web. With HTTP, you'll learn all about something you use on a daily basis, perhaps without realizing what goes on behind the scenes.

You'll quickly learn

about resources, requests and responses, safe and unsafe methods, connections, cookies, security, and so much more. Equipped with the information in this book, you'll be able to write better web apps and services, and debug them when something goes wrong. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in

shaping your future career & Business.
JavaScript: The Definitive Guide - David Flanagan 2020-05-14
For web developers and other programmers interested in using JavaScript, this bestselling book provides the most comprehensive JavaScript material on the market. The seventh edition represents a significant update, with new information for ECMAScript 2020, and new chapters on language-specific features. *JavaScript: The Definitive Guide* is ideal for experienced programmers who want to learn the programming language of the web, and for current JavaScript programmers who want to master it.

BEEP - Marshall T. Rose 2002

A developer's handbook for understanding the BEEP framework and how

to put it to best use. The API's for C, Java, and Tel are explored.

Elasticsearch: The Definitive Guide -

Clinton Gormley
2015-01-23

Whether you need full-text search or real-time analytics of structured data—or both—the

Elasticsearch distributed search engine is an ideal way to put your data to work. This practical guide not only shows you how to search, analyze, and explore data with Elasticsearch, but also helps you deal with the complexities of human language, geolocation, and relationships. If you're a newcomer to both search and distributed systems, you'll quickly learn how to integrate

Elasticsearch into your application. More experienced users will pick up lots of advanced techniques. Throughout

the book, you'll follow a problem-based approach to learn why, when, and how to use Elasticsearch features. Understand how Elasticsearch interprets data in your documents Index and query your data to take advantage of search concepts such as relevance and word proximity Handle human language through the effective use of analyzers and queries Summarize and group data to show overall trends, with aggregations and analytics Use geo-points and geo-shapes—Elasticsearch's approaches to geolocation Model your data to take advantage of Elasticsearch's horizontal scalability Learn how to configure and monitor your cluster in production

Postfix - Kyle D. Dent
2004

This guide readers from the basic configuration to the full power of

Postfix. It discusses the interfaces to various tools that round out a fully scalable and highly secure email system. These tools include POP, IMAP, LDAP, MySQL, Simple Authentication and Security Layer (SASL), and Transport Layer Security (TLS, an upgrade of SSL).

Behind Bars - Elaine Gould 2016-08-17

Behind Bars is the indispensable reference book for composers, arrangers, teachers and students of composition, editors, and music processors. In the most thorough and painstakingly researched book to be published since the 1980s, specialist music editor Elaine Gould provides a comprehensive grounding in notational principles. This full eBook version is in fixed-layout format to ensure layout and image

quality is consistent with the original hardback edition. Behind Bars covers everything from basic rules, conventions and themes to complex instrumental techniques, empowering the reader to prepare music with total clarity and precision. With the advent of computer technology, it has never been more important for musicians to have ready access to principles of best practice in this dynamic field, and this book will support the endeavours of software users and devotees of hand-copying alike. The author's understanding of, and passion for, her subject has resulted in a book that is not only practical but also compellingly readable. This seminal and all-encompassing guide encourages new standards of excellence and accuracy and, at 704 pages, it is supported

by 1,500 music examples of published scores from Bach to Xenakis. This is the full eBook version of the original hardback edition.

Oracle SQL*Plus -

Jonathan Gennick 2000

Despite the wide use of SQL *Plus, few developers and database administrators know how powerful it really is. And the syntax can sometimes be tricky. This portable guide provides a quick reference to subjects such as interacting with SQL *Plus, selecting data, formatting reports, writing scripting, and tuning SQL. There's also a command reference.

Cassandra: The Definitive Guide -

Jeff Carpenter 2016-06-29

Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you'll learn how the Cassandra database management

system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This expanded second edition—updated for Cassandra 3.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandra's non-relational design, with special attention to data modeling. If you're a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandra's speed and flexibility. Understand Cassandra's distributed and decentralized structure Use the Cassandra Query Language

(CQL) and cqlsh—the CQL shell Create a working data model and compare it with an equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore cluster topology and learn how nodes exchange data Maintain a high level of performance in your cluster Deploy Cassandra on site, in the Cloud, or with Docker Integrate Cassandra with Spark, Hadoop, Elasticsearch, Solr, and Lucene

802.11 Wireless Networks: The Definitive Guide - Matthew S. Gast
2005-04-25

As we all know by now, wireless networks offer many advantages over fixed (or wired) networks. Foremost on that list is mobility, since going wireless frees you from the tether of an Ethernet cable at a desk. But

that's just the tip of the cable-free iceberg. Wireless networks are also more flexible, faster and easier for you to use, and more affordable to deploy and maintain. The de facto standard for wireless networking is the 802.11 protocol, which includes Wi-Fi (the wireless standard known as 802.11b) and its faster cousin, 802.11g. With easy-to-install 802.11 network hardware available everywhere you turn, the choice seems simple, and many people dive into wireless computing with less thought and planning than they'd give to a wired network. But it's wise to be familiar with both the capabilities and risks associated with the 802.11 protocols. And *802.11 Wireless Networks: The Definitive Guide*, 2nd Edition is the perfect place to start. This

updated edition covers everything you'll ever need to know about wireless technology. Designed with the system administrator or serious home user in mind, it's a no-nonsense guide for setting up 802.11 on Windows and Linux. Among the wide range of topics covered are discussions on: deployment considerations network monitoring and performance tuning wireless security issues how to use and select access points network monitoring essentials wireless card configuration security issues unique to wireless networks With wireless technology, the advantages to its users are indeed plentiful. Companies no longer have to deal with the hassle and expense of wiring buildings, and households with several computers can avoid fights over who's

online. And now, with 802.11 Wireless Networks: The Definitive Guide, 2nd Edition, you can integrate wireless technology into your current infrastructure with the utmost confidence.

Polypropylene - Clive Maier 1998-04-15
Polypropylene: The Definitive User's Guide and Databook presents in a single volume a panoramic and up-to-the-minute user's guide for today's most important thermoplastic. The book examines every aspect of science, technology, engineering, properties, design, processing, applications of the continuing development and use of polypropylene. The unique treatment means that specialists can not only find what they want but for the first time can relate to and understand the needs and

requirements of others in the product development chain. The entire work is underpinned by very extensive collections of property data that allow the reader to put the information to real industrial and commercial use. Despite the preeminence and unrivaled versatility of polypropylene as a thermoplastic material to manufacture, relatively few books have been devoted to its study. Polypropylene: The Definitive User's Guide and Databook not only fills the gap but breaks new ground in doing so. Polypropylene is the most popular thermoplastic in use today, and still one of the fastest growing. Polypropylene: The Definitive User's Guide and Databook is the complete workbook and reference resource for all those who work with

the material. Its comprehensive scope uniquely caters to polymer scientists, plastics engineers, processing technologists, product designers, machinery and mold makers, product managers, end users, researchers and students alike.

AWS Administration – The Definitive Guide - Yohan Wadia 2016-02-12

Learn to design, build, and manage your infrastructure on the most popular of all the Cloud platforms—Amazon Web Services About This Book Learn how to leverage various Amazon Web Services (AWS) components and services to build a secure, reliable, and robust environment to host your applications on Deep dive into the core AWS service offerings with hands-on tutorials, real-world use case scenarios, and best

practices A self-paced, systematic, and step-by-step guide to learning and implementing AWS in your own environment Who This Book Is For This book is for those who want to learn and leverage AWS. Although no prior experience with AWS is required, it is recommended that you have some hands-on experience of Linux, Web Services, and basic networking What You Will Learn A brief introduction to Cloud Computing and AWS accompanied by steps to sign up for your first AWS account Create and manage users, groups, and permissions using AWS Identity and Access Management services Get started with deploying and accessing EC2 instances, working with EBS Volumes and Snapshots Customize and create your very own Amazon Machine Image Design and deploy your

instances on a highly secured, network isolated environment using Amazon VPC Effectively monitor your AWS environment using specialized alarms, custom monitoring metrics, and much more Explore the various benefits of Database-as-a-Service offerings and leverage them using Amazon RDS and Amazon DynamoDB Take an in-depth look at what's new with AWS, including EC2 Container Service and Elastic File System In Detail AWS is at the forefront of Cloud Computing today. Many businesses are moving away from traditional datacenters and toward AWS because of its reliability, vast service offerings, lower costs, and high rate of innovation. Because of its versatility and flexible design, AWS can be used to accomplish a variety of simple and

complicated tasks such as hosting multitier websites, running large scale parallel processing, content delivery, petabyte storage and archival, and lots more. Whether you are a seasoned sysadmin or a rookie, this book will provide you with all the necessary skills to design, deploy, and manage your applications on the AWS cloud platform. The book guides you through the core AWS services such as IAM, EC2, VPC, RDS, and S3 using a simple real world application hosting example that you can relate to. Each chapter is designed to provide you with the most information possible about a particular AWS service coupled with easy to follow hands-on steps, best practices, tips, and recommendations. By the end of the book, you

will be able to create a highly secure, fault tolerant, and scalable environment for your applications to run on. Style and approach This in-depth and insightful guide is filled with easy-to-follow examples, real-world use cases, best practices, and recommendations that will help you design and leverage AWS.

HTTP - Thomas A. Hicks
2015-08-15

This updated and expanded second edition of the HTTP: The Definitive Guide: The Definitive Guide (Definitive Guides) provides a user-friendly introduction to the subject Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the

reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

RESTful Web Services -

Leonard Richardson

2008-12-17

"Every developer working with the Web needs to read this book." --

David Heinemeier

Hansson, creator of the Rails framework "RESTful Web Services finally provides a practical roadmap for constructing services that embrace the Web, instead of trying to route around it." -- Adam

Trachtenberg, PHP author and EBay Web Services Evangelist You've built web sites that can be used by humans. But can you also build web sites that are usable by

machines? That's where the future lies, and that's what RESTful Web Services shows you how to do. The World Wide Web is the most popular distributed application in history, and Web services and mashups have turned it into a powerful distributed computing platform. But today's web service technologies have lost sight of the simplicity that made the Web successful. They don't work like the Web, and they're missing out on its advantages. This book puts the "Web" back into web services. It shows how you can connect to the programmable web with the technologies you already use every day. The key is REST, the architectural style that drives the Web. This book: Emphasizes the power of basic Web technologies -- the HTTP application protocol,

the URI naming standard, and the XML markup language Introduces the Resource-Oriented Architecture (ROA), a common-sense set of rules for designing RESTful web services Shows how a RESTful design is simpler, more versatile, and more scalable than a design based on Remote Procedure Calls (RPC) Includes real-world examples of RESTful web services, like Amazon's Simple Storage Service and the Atom Publishing Protocol Discusses web service clients for popular programming languages Shows how to implement RESTful services in three popular frameworks -- Ruby on Rails, Restlet (for Java), and Django (for Python) Focuses on practical issues: how to design and implement RESTful web services and clients This is the first book that applies

the REST design philosophy to real web services. It sets down the best practices you need to make your design a success, and the techniques you need to turn your design into working code. You can harness the power of the Web for programmable applications: you just have to work with the Web instead of against it. This book shows you how.

JavaScript - David Flanagan 2011-04-25

A revised and 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 match current best practices and a new chapter on language extensions and subsets. Original.

R Markdown - Yihui Xie

2018-07-27

R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/Po

werPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of

RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Grolemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science with R and the Tidyverse.

Squid: The Definitive Guide - Duane Wessels
2004-01-22

Squid is the most popular Web caching software in use today, and it works on a variety of platforms including Linux, FreeBSD, and Windows. Squid improves network performance by reducing the amount of bandwidth used when surfing the Web. It makes web pages

load faster and can even reduce the load on your web server. By caching and reusing popular web content, Squid allows you to get by with smaller network connections. It also protects the host on your internal network by acting as a firewall and proxying your internal web traffic. You can use Squid to collect statistics about the traffic on your network, prevent users from visiting inappropriate web sites at work or school, ensure that only authorized users can surf the Internet, and enhance your privacy by filtering sensitive information from web requests. Companies, schools, libraries, and organizations that use web-caching proxies can look forward to a multitude of benefits. Written by Duane Wessels, the creator of Squid, Squid:

The Definitive Guide will help you configure and tune Squid for your particular situation. Newcomers to Squid will learn how to download, compile, and install code. Seasoned users of Squid will be interested in the later chapters, which tackle advanced topics such as high-performance storage options, rewriting requests, HTTP server acceleration, monitoring, debugging, and troubleshooting Squid. Topics covered include: Compiling and installing Squid Running Squid Using Squid's sophisticated access controls Tuning disk storage for optimal performance Configuring your operating system for HTTP interception Forwarding Requests to other web caches Using redirectors to rewrite user requests Monitoring Squid with the cache manager and SNMP Using

Squid to accelerate and protect HTTP servers Managing bandwidth consumption with Delay Pools

HTTP Developer's Handbook - Chris Shiflett 2003

HTTP is the protocol that powers the Web. 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 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 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 as state and session management, caching, SSL, software architecture, and application security.

The Definitive Guide to Interwoven TeamSite -

Brian Hastings

2007-02-01

The Definitive Guide to Interwoven TeamSite is the first book to cover the TeamSite enterprise content management system, a product used by nine of the top 10 largest companies in the world, and thousands of other organizations around the globe. The technical reviewer is the product manager for Interwoven TeamSite. Authored by TeamSite experts Brian Hastings and Justin McNeal, who

are presently leading the TeamSite upgrade project for MasterCard International. Guided by a real-world example project, readers will learn the concepts and strategies necessary to develop, deploy, and maintain a large-scale content management system using this product.

Spark: The Definitive Guide -

Bill Chambers

2018-02-08

Learn how to use, deploy, and maintain Apache Spark with this comprehensive guide, written by the creators of the open-source cluster-computing framework. With an emphasis on improvements and new features in Spark 2.0, authors Bill Chambers and Matei Zaharia break down Spark topics into distinct sections, each with unique goals. You'll explore the basic operations and common

functions of Spark's structured APIs, as well as Structured Streaming, a new high-level API for building end-to-end streaming applications. Developers and system administrators will learn the fundamentals of monitoring, tuning, and debugging Spark, and explore machine learning techniques and scenarios for employing MLlib, Spark's scalable machine-learning library. Get a gentle overview of big data and Spark Learn about DataFrames, SQL, and Datasets—Spark's core APIs—through worked examples Dive into Spark's low-level APIs, RDDs, and execution of SQL and DataFrames Understand how Spark runs on a cluster Debug, monitor, and tune Spark clusters and applications Learn the power of Structured Streaming, Spark's stream-processing engine

Learn how you can apply MLlib to a variety of problems, including classification or recommendation

Hadoop: The Definitive Guide - Tom White
2012-05-10

Ready to unlock the power of your data? With this comprehensive guide, you'll learn how to build and maintain reliable, scalable, distributed systems with Apache Hadoop. This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters. You'll find illuminating case studies that demonstrate how Hadoop is used to solve specific problems. This third edition covers recent changes to Hadoop, including material on the new MapReduce API, as well as MapReduce 2 and its more flexible execution

model (YARN). Store large datasets with the Hadoop Distributed File System (HDFS) Run distributed computations with MapReduce Use Hadoop's data and I/O building blocks for compression, data integrity, serialization (including Avro), and persistence Discover common pitfalls and advanced features for writing real-world MapReduce programs Design, build, and administer a dedicated Hadoop cluster—or run Hadoop in the cloud Load data from relational databases into HDFS, using Sqoop Perform large-scale data processing with the Pig query language Analyze datasets with Hive, Hadoop's data warehousing system Take advantage of HBase for structured and semi-structured data, and ZooKeeper for building distributed systems

The Data Warehouse

Toolkit - Ralph Kimball
2013-07-01

Updated new edition of Ralph Kimball's groundbreaking book on multidimensional modeling for data warehousing and business intelligence! The first edition of Ralph Kimball's *The Data Warehouse Toolkit* introduced the industry to dimensional modeling, and now his books are considered the most authoritative guides in this space. This new third edition is a complete library of updated dimensional modeling techniques, the most comprehensive collection ever. It covers new and enhanced star schema dimensional modeling patterns, adds two new chapters on ETL techniques, includes new and expanded business matrices for 12 case studies, and more. Authored by Ralph Kimball and Margy Ross,

known worldwide
educators,
consultants, and
influential thought
leaders in
data warehousing and
business intelligence
Begins with fundamental
design recommendations
and progresses through
increasingly complex
scenarios Presents
unique modeling
techniques for business
applications such as
inventory management,
procurement, invoicing,
accounting, customer
relationship management,
big data analytics, and
more Draws real-world
case studies from a
variety of
industries, including
retail sales, financial
services,
telecommunications, educa-
tion, health care,
insurance, e-commerce,
and more Design
dimensional databases
that are easy to
understand and provide
fast query response with

The Data
Warehouse Toolkit: The
Definitive Guide to
Dimensional Modeling,
3rd Edition.
PNG - Greg Roelofs 1999
From a senior researcher
who helped design the
PNG image format comes a
guide that focuses on
implementing PNG with
the libpng C library and
discusses improvements,
such as gamma correction
and the standard color
spaces for precise
reproduction of image
colors on a wide range
of systems.
HTTP Pocket Reference -
Clinton Wong 2000-06-06
The HyperText Transfer
Protocol, or HTTP, is
the backbone of the
World Wide Web. HTTP is
the language that each
web browser (or other
web client) uses to
communicate with servers
around the world. All
web programmers,
administrators, and
application developers
need to be familiar with

HTTP in order to work effectively. The HTTP Pocket Reference not only provides a solid conceptual foundation of HTTP, it also serves as a quick reference to each of the headers and status codes that comprise an HTTP transaction. The book starts with a tutorial of HTTP, but then explains the client request and server responses in more detail, and gives a thorough technical explanation of more advanced features of HTTP (such as persistent connections and caching). Most people use the Web every day without knowing anything about HTTP, but for those who need to get "beyond the browser," this book is the place to start.

Ant - Jesse Tilly 2002
In 1998 one programmer changed the world of Java. Frustrated by his

efforts to create a cross-platform build of Tomcat using the build tools of the day (GNU Make, batch files, and shell scripts), James Duncan Davidson threw together his own build utility on an airplane flight from Europe to the U.S. Named Ant because it was a little thing that could build big things, James's quick-and-dirty solution to his own problem of creating a cross-platform build has evolved into what is perhaps the most widely used build management tool in Java environments.

The Anarchist Cookbook -

William Powell

2018-03-11

The Anarchist Cookbook will shock, it will disturb, it will provoke. It places in historical perspective an era when "Turn on, Burn down, Blow up" are revolutionary slogans of

the day. Says the author" "This book... is not written for the members of fringe political groups, such as the Weatherman, or The Minutemen. Those radical groups don't need this book. They already know everything that's in here. If the real people of America, the silent majority, are going to survive, they must educate themselves. That is the purpose of this book." In what the author considers a survival guide, there is explicit information on the uses and effects of drugs, ranging from pot to heroin to peanuts. There i detailed advice concerning electronics, sabotage, and surveillance, with data on everything from bugs to scramblers. There is a comprehensive chapter on natural, non-lethal, and lethal weapons, running the gamut from cattle prods to sub-

machine guns to bows and arrows.

The Definitive Guide to Instructional Coaching -

Jim Knight 2021-11-05

Even under ideal conditions, teaching is tough work. Facing unrelenting pressure from administrators and parents and caught in a race against time to improve student outcomes, educators can easily become discouraged (or worse, burn out completely) without a robust coaching system in place to support them. For more than 20 years, perfecting such a system has been the paramount objective of best-selling author and coaching guru Jim Knight and his team of researchers at the Instructional Coaching Group (ICG). In The Definitive Guide to Instructional Coaching, Knight offers a blueprint for

establishing, administering, and assessing an instructional coaching program laser-focused on every educator's ultimate goal: the academic success of students. Organized around ICG's seven "Success Factors" for great instructional coaching, this book offers * An in-depth guide to the Impact Cycle, ICG's research-based and field-tested model for coaching teachers through issues that matter most to them; * Detailed guidance on how to create a "playbook" of instructional strategies to share with collaborating teachers—and how to model those strategies under different conditions; * Practical advice on preparing for and engaging in substantive, reflective, and teacher-centered

coaching conversations; * Best practices for gathering, analyzing, and responding to data for improved teaching and learning; and * Real-life anecdotes and testimonies from educators and coaches who have reaped the benefits of the Impact Cycle in a diverse array of schools. In addition, each chapter of the book contains a learning map to help orient you and a list of valuable additional resources to complement the text. Whether you're new to coaching or well versed in the practice, *The Definitive Guide to Instructional Coaching* will no doubt prove a cornerstone of your coaching library for years to come.
Kafka: The Definitive Guide - Neha Narkhede
2017-08-31
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

HTTP/2 in Action - Barry Pollard 2019-03-06
Summary HTTP/2 in Action is a complete guide to

HTTP/2, one of the core protocols of the web. Because HTTP/2 has been designed to be easy to transition to, including keeping it backwards compatible, adoption is rapid and expected to increase over the next few years. Concentrating on practical matters, this interesting book presents key HTTP/2 concepts such as frames, streams, and multiplexing and explores how they affect the performance and behavior of your websites. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology HTTP—Hypertext Transfer Protocol—is the standard for exchanging messages between websites and browsers. And after 20 years, it's gotten a much-needed upgrade. With support for

streams, server push, header compression, and prioritization, HTTP/2 delivers vast improvements in speed, security, and efficiency. About the Book HTTP/2 in Action teaches you everything you need to know to use HTTP/2 effectively. You'll learn how to optimize web performance with new features like frames, multiplexing, and push. You'll also explore real-world examples on advanced topics like flow control and dependencies. With ready-to-implement tips and best practices, this practical guide is sure to get you—and your websites—up to speed! What's Inside HTTP/2 for web developers Upgrading and troubleshooting Real-world examples and case studies QUIC and HTTP/3 About the Reader Written for web developers and site administrators. About

the Authors Barry Pollard is a professional developer with two decades of experience developing, supporting, and tuning software and infrastructure. Table of Contents PART 1 MOVING TO HTTP/2 Web technologies and HTTP The road to HTTP/2 Upgrading to HTTP/2 PART 2 USING HTTP/2 HTTP/2 protocol basics Implementing HTTP/2 push Optimizing for HTTP/2 PART 3 ADVANCED HTTP/2 Advanced HTTP/2 concepts HPACK header compression PART 4 THE FUTURE OF HTTP TCP, QUIC, and HTTP/3 Where HTTP goes from here *Learning HTTP/2* - Stephen Ludin 2017-05-15 Chapter 8. Debugging h2; Web Browser Developer Tools; Chrome Developer Tools; Firefox Developer Tools; Debugging h2 on iOS Using Charles Proxy; Debugging h2 on Android; WebPagetest; OpenSSL;

OpenSSL Commands; nghttp2; Using nghttp; curl; Using curl; h2i; Wireshark; Summary; Chapter 9. What Is Next?; TCP or UDP?; QUIC; TLS 1.3; HTTP/3?; Summary; Appendix A. HTTP/2 Frames; The Frame Header; DATA; DATA Frame Fields; DATA Frame Flags; HEADERS; HEADERS Frame Fields; HEADERS Frame Flags; PRIORITY; PRIORITY Frame Fields; RST_STREAM; SETTINGS; SETTINGS Parameters; PUSH_PROMISE. *The Definitive Guide to DAX* - Alberto Ferrari 2015-10-14 This comprehensive and authoritative guide will teach you the DAX language for business intelligence, data modeling, and analytics. Leading Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization.

You'll learn exactly what happens under the hood when you run a DAX expression, how DAX behaves differently from other languages, and how to use this knowledge to write fast, robust code. If you want to leverage all of DAX's remarkable power and flexibility, this no-compromise "deep dive" is exactly what you need. Perform powerful data analysis with DAX for Microsoft SQL Server Analysis Services, Excel, and Power BI Master core DAX concepts, including calculated columns,

measures, and error handling Understand evaluation contexts and the CALCULATE and CALCULATETABLE functions Perform time-based calculations: YTD, MTD, previous year, working days, and more Work with expanded tables, complex functions, and elaborate DAX expressions Perform calculations over hierarchies, including parent/child hierarchies Use DAX to express diverse and unusual relationships Measure DAX query performance with SQL Server Profiler and DAX Studio