

The Definitive Guide

Manage the huMONGOus amount of data collected through your web application with MongoDB. This authoritative introduction—written by a core contributor to the project—shows you the many advantages of using document-oriented databases, and demonstrates how this reliable, high-performance system allows for almost infinite horizontal scalability. This updated second edition provides guidance for database developers, advanced configuration for system administrators, and an overview of the concepts and use cases for other people on your project. Ideal for NoSQL newcomers and experienced MongoDB users alike, this guide provides numerous real-world schema design examples. Get started with MongoDB core concepts and vocabulary Perform basic write operations at different levels of safety and speed Create complex queries, with options for limiting, skipping, and sorting results Design an application that works well with MongoDB Aggregate data, including counting, finding distinct values, grouping documents, and using MapReduce Gather and interpret statistics about your collections and databases Set up replica sets and automatic failover in MongoDB Use sharding to scale horizontally, and learn how it impacts applications Delve into monitoring, security and authentication, backup/restore, and other administrative tasks

Introduces the build tool for Java application development, covering both user defined and built-in tasks. 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

Counsels programmers and administrators for big and small organizations on how to work with large-scale application datasets using Apache Hadoop, discussing its capacity for storing and processing large amounts of data while demonstrating best practices for building reliable and scalable distributed systems. Original. Big Data Processing Made Simple

JavaScript: The Definitive Guide
Visual Presentation for the Web
Cassandra: The Definitive Guide
CSS: The Definitive Guide
R Markdown

Ideal for students of design, independent designers, and entrepreneurs who want to expand their understanding of effective design in business, Identity Designed is the definitive guide to visual branding. Written by best-selling writer and renowned designer David Airey, Identity Designed formalizes the process and the benefits of brand identity design and includes a substantial collection of high-caliber projects from a variety of the world's most talented design studios. You'll see the history and importance of branding, a contemporary assessment of best practices, and how there's always more than one way to exceed client expectations. You'll also learn a range of methods for conducting research, defining strategy, generating ideas, developing touchpoints, implementing style guides, and futureproofing your designs. Each identity case study is followed by a recap of key points. The book includes projects by Lantern, Base, Pharus, OCD, Rice Creative, Foreign Policy, Underline Studio, Fedoriv, Freytag Anderson, Bedow, Robot Food, Together Design, Believe in, Jack Renwick Studio, ico Design, and Lundgren+Lindqvist. Identity Designed is a must-have, not only for designers, but also for entrepreneurs who want to improve their work with a greater understanding of how good design is good business.

Demonstrates the control and flexibility Cascading Style Sheets bring to Web design, covering selectors and structure, units, text manipulation, colors, backgrounds, borders, visual formatting, and positioning.

This comprehensive guide delivers informed hope along with effective tools for reclaiming your vitality in the midst of cancer treatment, healing, and recovery. When you or a loved one is faced with a cancer diagnosis, the need for accurate and trusted medical information becomes urgent. Naturopathic physician Lise N. Alschuler and medical journalist Karolyn A. Gazella present an overview of what cancer is, its causes and preventative strategies, an in-depth approach to integrative treatment options, descriptions of key body functions, and

discussions of more than twenty specific cancers. The Definitive Guide to Cancer, now in its third edition, encourages you to take an integrative approach that embraces both alternative and conventional therapies across the spectrum of cancer prevention, treatment, and healing. 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

Python for the Java Platform

The Definitive Guide

Apache

A Distributed Real-Time Search and Analytics Engine

Real-Time Data and Stream Processing at Scale

Business intelligence with Microsoft Excel, SQL Server Analysis Services, and Power BI

Describes the history of the Web server platform and covers downloading and compiling, configuring and running the program on UNIX, writing specialized modules, and establishing security routines.

Soon after its launch, Ant succeeded in taking the Java world by storm, becoming the most widely used tool for building applications in Java environments. Like most popular technologies, Ant quickly went through a series of early revision

cycles. With each new version, more functionality was added, and more complexity was introduced. Ant evolved from a simple-to-learn build tool into a full-fledged testing and deployment environment. Ant: The Definitive Guide has been reworked, revised and expanded upon to reflect this evolution. It documents the new ways that Ant is being applied, as well as the array of optional tasks that Ant supports. In fact, this new second edition covers everything about this extraordinary build management tool from downloading and installing, to using Ant to test code. Here are just a few of the features you'll find detailed in this comprehensive, must-have guide: Developing conditional builds, and handling error conditions Automatically retrieving source code from version control systems Using Ant with XML files Using Ant with JavaServer Pages to build Web applications Using Ant with Enterprise JavaBeans to build enterprise applications Far exceeding its predecessor in terms of information and detail, Ant: The Definitive Guide, 2nd Edition is a must-have for Java developers unfamiliar with the latest advancements in Ant technology. With this book at your side, you'll soon be up to speed on the premiere tool for cross-platform development. Author Steve Holzner is an award-winning author who's been writing about Java topics since the language first appeared; his books have sold more than 1.5 million copies worldwide. Fully revised and updated--and with more and better examples than ever--this new edition of the top-selling AppleScript: The Definitive Guide shows anyone how to use AppleScript to make your Mac time more efficient and more enjoyable by automating repetitive tasks, customizing applications, and even controlling complex workflows. It's perfect for novices, developers, and everyone in between who wants to know how, where, and why to use AppleScript.

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/PowerPoint 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 Golemund 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.

Trino: The Definitive Guide

Ant: The Definitive Guide

MongoDB: The Definitive Guide

The Definitive Guide to DAX

HTTP

Ultimate Star Wars

Work with petabyte-scale datasets while building a collaborative, agile workplace in the process. This practical book is the canonical reference to Google BigQuery, the query engine that lets you conduct interactive analysis of large datasets. BigQuery enables enterprises to efficiently store, query, ingest, and learn from their data in a convenient framework. With this book, you'll examine how to analyze data at scale to derive insights from large datasets efficiently. Valliappa Lakshmanan, tech lead for Google Cloud Platform, and Jordan Tigani, engineering director for the BigQuery team, provide best practices for modern data warehousing within an autoscaled, serverless public cloud. Whether you want to explore parts of BigQuery you're not familiar with or prefer to focus on specific tasks, this reference is indispensable. 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

For too long, developers have worked on disorganized application projects, where every part seemed to have its own build system, and no common repository existed for information about the state of the project. Now there's help. The long-awaited official documentation to Maven is here. Written by Maven creator Jason Van Zyl and his team at Sonatype, Maven: The Definitive

Guide clearly explains how this tool can bring order to your software development projects. Maven is largely replacing Ant as the build tool of choice for large open source Java projects because, unlike Ant, Maven is also a project management tool that can run reports, generate a project website, and facilitate communication among members of a working team. To use Maven, everything you need to know is in this guide. The first part demonstrates the tool's capabilities through the development, from ideation to deployment, of several sample applications -- a simple software development project, a simple web application, a multi-module project, and a multi-module enterprise project. The second part offers a complete reference guide that includes: The POM and Project Relationships The Build Lifecycle Plugins Project website generation Advanced site generation Reporting Properties Build Profiles The Maven Repository Team Collaboration Writing Plugins IDEs such as Eclipse, IntelliJ, and NetBeans Using and creating assemblies Developing with Maven Archetypes Several sources for Maven have appeared online for some time, but nothing served as an introduction and comprehensive reference guide to this tool -- until now. Maven: The Definitive Guide is the ideal book to help you manage development projects for software, web applications, and enterprise applications. And it comes straight from the source.

The Definitive Guide to HTML5 WebSocket is the ultimate insider's WebSocket resource. This revolutionary new web technology enables you to harness the power of true real-time connectivity and build responsive, modern web applications. This book contains everything web developers and architects need to know about WebSocket. It discusses how WebSocket-based architectures provide a dramatic reduction in unnecessary network overhead and latency compared to older HTTP (Ajax) architectures, how to layer widely used protocols such as XMPP and STOMP on top of WebSocket, and how to secure WebSocket connections and deploy WebSocket-based applications to the enterprise. Build real-time web applications with HTML5. This book: Introduces you to the WebSocket API and protocol Describes and provides real-world examples of protocol communication over WebSocket Explains WebSocket security and enterprise deployment

The Definitive Guide to HTML5 WebSocket

Definitive Guide to Disc Golf

Spark: The Definitive Guide

Cascading Style Sheets

The Definitive Guide to Pylons

The Definitive Guide to the Star Wars Universe

This instructive book takes you step by step through ways to track, merge, and manage both open source and commercial software projects with Mercurial, using Windows, Mac OS X, Linux, Solaris, and other systems. Mercurial is the easiest system to learn when it comes to distributed revision control. And it's a very flexible tool that's ideal whether you're a lone programmer working on a small project, or part of a huge team dealing with thousands of files. Mercurial permits a countless variety of development and collaboration methods, and this book offers several concrete suggestions to get you started. This guide will help you: Learn the basics of working with a repository, changesets, and revisions Merge changes from separate repositories Set up Mercurial to work with files on a daily basis, including which ones to track Get examples and tools for setting up various workflow models Manage a project that's making progress on multiple fronts at once Find and fix mistakes by isolating problem sources Use hooks to perform actions automatically in response to repository events Customize the output of Mercurial Mercurial: The Definitive Guide maintains a strong focus on simplicity to help you learn Mercurial quickly and thoroughly.

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

Jython is an open source implementation of the high-level, dynamic, object-oriented scripting language Python seamlessly integrated with the Java platform. The predecessor to Jython, JPython, is certified as 100% Pure Java. Jython is freely available for both commercial and noncommercial use and is distributed with source code. Jython is complementary to Java. The Definitive Guide to Jython, written by the official Jython team leads, covers Jython 2.5 (or 2.5.x)—from the basics to more advanced features. This book begins with a brief introduction to the language and then

journeys through Jython's different features and uses. The Definitive Guide to Jython is organized for beginners as well as advanced users of the language. The book provides a general overview of the Jython language itself, but it also includes intermediate and advanced topics regarding database, web, and graphical user interface (GUI) applications; Web services/SOA; and integration, concurrency, and parallelism, to name a few.

A guide for experienced programmers demonstrates the core JavaScript language, offers examples of common tasks, and contains an extensive reference to JavaScript commands, objects, methods, and properties.

Powerful and Scalable Data Storage

Complete Build Management for Java

WebAssembly: The Definitive Guide

HTML & XHTML: The Definitive Guide

Maven: The Definitive Guide

Elasticsearch

In this book, cofounder and lead developer James Gardner brings you a comprehensive introduction to Pylons, the web framework that uses the best of Ruby, Python, and Perl and the emerging WSGI standard to provide structure and flexibility. You'll learn how to create your own Pylons-driven web site and attain the mastery of advanced Pylons features. You'll also learn how to stretch Pylons to its fullest ability, as well as share Gardner's unique insight and extensive experience in developing and deploying Pylons for a wide variety of situations.

This is a comprehensive, illustrated book about one of the most enduringly popular forms of music. Combining biography, critical analysis, and detailed reference sections, it profiles all the major heavy metal artists as well as a huge selection of other niche acts from around the world. Metal: The Definitive Guide includes new firsthand interviews with many major metal musicians and detailed discographies. It is the definitive metal encyclopedia. The over 300 illustrations in this book encompass fantastic including artist pictures and memorabilia such as posters, ticket stubs, and much more.

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.

The definitive guide to the Star Wars universe. This fully updated, comprehensive, and detailed encyclopedia explores the characters, creatures, locations, vehicles, and technology found throughout the entire Star Wars galaxy. Ultimate Star Wars New Edition is an in-depth visual guide packed full of exhaustive information about Star Wars, including The Last Jedi, Solo: A Star Wars Story, and Star Wars:

Resistance. All the characters are covered, from Darth Vader to Yoda, along with all the popular vehicles, such as the Millennium Falcon, and all the important events that provide the foundations for the exciting Star Wars story. Ultimate Star Wars New Edition is the ideal go-to resource for fans who wish to brush up on their Star Wars knowledge, and for a new generation of fans eager to start their journey into a galaxy far, far away.... © & TM 2019 LUCASFILM LTD.

The Definitive Guide to Visual Branding

Google BigQuery: The Definitive Guide

PNG

NetBeans: The Definitive Guide

Kafka: The Definitive Guide

Distributed Data at Web Scale

Get the definitive guide on Gatsby, the JavaScript framework for building blazing fast websites and applications. Used by Nike, Costa Coffee, and other companies worldwide, Gatsby is emerging as one of the key technologies in the Jamstack (JavaScript, APIs, and markup) ecosystem. With this comprehensive guide, you'll learn how to architect, build, and deploy Gatsby sites independently or with CMSs, commerce systems, and other data sources. Author Preston So begins by showing you how to set up a Gatsby site from scratch. From there, you'll learn ways to use Gatsby's declarative rendering and GraphQL API, build complex offline-enabled sites, and continuously deploy Gatsby sites on a variety of platforms, including Gatsby Cloud. Discover how Gatsby integrates with many data sources and plug-ins Set up, configure, and architect Gatsby sites using Gatsby's CLI, React, JSX, and GraphQL with high performance out of the box Build an independent Gatsby site based on Markdown and data- and content-driven Gatsby sites that integrate with CMSs and commerce platforms Deploy Gatsby sites with full CI/CD and test coverage on a variety of platforms, including Netlify, Vercel, and Gatsby Cloud

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

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
JavaScript

An Integrative Approach to Prevention, Treatment, and Healing

Squid: The Definitive Guide

Master the World's Most-Used Programming Language

The Definitive Guide to Cancer, 3rd Edition

Ant

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.

This is the authoritative reference for understanding and using the NetBeans Integrated Development Environment for creating new software with Java. Contains a detailed tutorial.

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

If you're a web designer or app developer interested in sophisticated page styling, improved accessibility, and saving time and effort, this book is for you. This revised edition provides a comprehensive guide to CSS implementation, along with a thorough review of the latest CSS specifications. CSS is a constantly evolving language for describing the presentation of web content on screen, printers, speech synthesizers, screen readers, and chat windows. It is used by all browsers on all screen sizes on all types of IoT devices, including phones, computers, video games, televisions, watches, kiosks, and auto consoles. Authors Eric Meyer and Estelle Weyl show you how to improve user experience, speed development, avoid potential bugs, and add life and depth to your applications through layout, transitions and animations, borders, backgrounds, text properties, and many other tools and techniques. This guide covers: Selectors, specificity, and the cascade Values, units, fonts, and text properties Padding, borders, outlines, and margins Colors, backgrounds, and gradients Floats and positioning tricks Flexible box layout The new Grid layout system 2D and 3D transforms, transitions, and animation Filters, blending, clipping, and masking Media and feature queries

Hadoop

Gatsby: The Definitive Guide

Ajax

Metal

The Definitive Guide : Heavy, NWOBH, Progressive, Thrash, Death, Black, Gothic, Doom, Nu

Hadoop: The Definitive Guide

"...lucid, in-depth descriptions of the behavior of every HTML tag on every major browser and platform, plus enough dry humor to make the book a pleasure to read." --Edward Mendelson, PC Magazine "When they say 'definitive' they're not kidding." --Linda Roeder, About.com Put everything you need to know about HTML & XHTML at your fingertips. For nearly a decade, hundreds of thousands of web developers have turned to HTML & XHTML: The Definitive Guide to master standards-based web development. Truly a definitive guide, the book combines a unique balance of tutorial material with a comprehensive reference that even the most experienced web professionals keep close at hand. From basic syntax and semantics to guidelines aimed at helping you develop your own distinctive style, this classic is all you need to become fluent in the language of web design. The new sixth edition guides you through every element of HTML and XHTML in detail, explaining how each element works and how it interacts with other elements. You'll also find detailed discussions of CSS (Cascading Style Sheets), which is intricately related to web page development. The most all-inclusive, up-to-date book on these languages available, this edition covers HTML 4.01, XHTML 1.0, and CSS2, with a preview of the upcoming XHTML2 and CSS3. Other topics include the newer initiatives in XHTML (XForms, XFrames, and modularization) and the essentials of XML for advanced readers. You'll learn how to: Use style sheets to control your document's appearance Work with programmatically generated HTML Create tables, both simple and complex Use frames to coordinate sets of documents Design and build interactive forms and dynamic documents Insert images, sound files, video, Java applets, and JavaScript programs Create documents that look good on a variety of browsers The authors apply a natural learning approach that uses straightforward language and plenty of examples. Throughout the book, they offer suggestions for style and composition to help you decide how to best use HTML and XHTML to accomplish a variety of tasks. You'll learn what works and what doesn't, and what makes sense to those who view your web pages and what might be confusing. Written for anyone who wants to learn the language of the Web--from casual users to the full-time design professionals--this is the single most important book on HTML and XHTML you can own. Bill Kennedy is chief technical officer of MobileRobots, Inc. When not hacking new HTML pages or writing about them, "Dr. Bill" (Ph.D. in biophysics from Loyola University of Chicago) is out promoting the company's line of mobile, autonomous robots that can be used for artificial intelligence, fuzzy logic research, and education. Chuck Musciano began his career as a compiler writer and crafter of tools at Harris Corporations' Advanced Technology Group and is now a manager of Unix Systems in Harris' Corporate Data Center. For people just starting to play, disc golf can become an exciting and addictive sport to play for a lifetime. Avid disc golfers often find playing a challenging test of both physical skill and mental determination. Disc golf is a "greener" sport than most, and has fewer barriers to entry than traditional golf and other recreational sports. It is also one of the fastest growing sports in the United States. The Definitive Guide to Disc Golf provides readers all

the essential information they need to get started playing disc golf, but it is much more than just a basic "how to" manual - it is a thoughtful, fascinating, and thoroughly enjoyable exploration into the history, nature, science, and skills of disc golf. Featuring more than 80 instructional photos, this is a comprehensive book about disc golf that would be enjoyed by all players, from beginners to aspiring professionals.

Helps graphic designers get the most out of this nextgeneration graphics file format and programmers who want to add full PNGsupport to their own applications by emphasizing the implementation of PNG with the libng C library and discussing such improvements as gamma correction and standard color spaces. Original.

(Intermediate)

Covers topics including HTTP methods and status codes, optimizing proxies, designing web crawlers, content negotiation, and load-balancing strategies.

Mercurial: The Definitive Guide

Identity Designed

AppleScript

The Definitive Guide to HTML5

Elasticsearch: The Definitive Guide

Data Warehousing, Analytics, and Machine Learning at Scale

WebAssembly: The Definitive Guide is a thorough and accessible introduction to one of the most transformative technologies hitting our industry. What started as a way to use languages other than JavaScript in the browser has evolved into a comprehensive path toward portability, performance, increased security, and greater code reuse across an impressive collection of deployment targets. Author Brian Sletten introduces elements of this technology incrementally while building to several concrete, code-driven examples of practical, cutting-edge WebAssembly uses. Whether you work with enterprise software or embedded systems, or in entertainment, scientific computing, or startup environments, you'll learn how WebAssembly can have a positive impact on the way you develop software. Use WebAssembly to increase code portability across platforms Reuse more of your software assets in a wider number of deployment targets Learn how WebAssembly increases protection against prominent security attacks Use WebAssembly to deploy legacy code in web environments Increase your user base across languages and development environments Integrate JavaScript code with other languages and environments to improve performance, security, and productivity Learn how WebAssembly will affect your career as software developer

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 Definitive Guide to HTML5 provides the breadth of information you'll need to start creating the next generation of HTML5 websites. It covers all the base knowledge required for standards-compliant, semantic, modern website creation. It also covers the full HTML5 ecosystem and the associated APIs that complement the core HTML5 language. The Definitive Guide to HTML5 begins by tackling the basics of HTML5, ensuring that you know best practices and key uses of all of the important elements, including those new to HTML5. This section also covers extended usage of CSS3, JavaScript, and DOM manipulation, making you proficient in all core aspects of modern website creation. The final part of the book covers the associated W3C APIs that surround the HTML5 specification. You will achieve a thorough working knowledge of the Geolocation API, web storage, creating offline applications, and the new drag and drop functionality. The Definitive Guide to HTML5 also dives into the key media enhancements of HTML5 and its surrounding technologies: Canvas, video and audio.

The Definitive Guide to Jython