

Quick Start Guide Examples

HTML and CSS remain the linchpin of the Web. Every beginning web developer needs to understand them thoroughly -- including the latest advances in these standards, and the newest techniques based on them. For decades, web professionals have turned to HTML and CSS: Visual QuickStart Guide as the fastest and most practical way to gain that understanding. Now, this full-color guide has been thoroughly updated by a new author who's taught thousands of beginning web developers. Joe Casabona combines expert introductions to the latest HTML and CSS technologies, new examples and projects, and extensive online video content for a true multi-modal learning experience. Combining definitive reference information with hands-on tutorials, Casabona helps aspiring and current web professionals gain deep mastery of HTML and CSS separately, together, and in the broader context of the overall web project and lifecycle. Drawing on his extensive teaching experience, Casabona offers well-honed explanations that learners will understand, whether they're working on their own or in classroom environments. From the basics to advanced techniques, he guides you through: Designing, structuring, and formatting sites Using images, links, styles, tables, forms Adding media, visual effects, and animations Using CSS to gain full control over elements, fonts, colors, and layouts Making the most of sophisticated HTML5 and CSS3 capabilities Applying modern best practices for ensuring accessibility and responsiveness, and building high-performance progressive web apps Effectively testing, debugging, and publishing sites and applications Exploring leading JavaScript libraries and build tools for more advanced web development

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Bring your data to life with Power BI Key Features Get to grips with the fundamentals of Microsoft Power BI and its Business Intelligence capabilities Build accurate analytical models, reports and dashboards Get faster and more intuitive insights from your data using Microsoft Power BI Book Description Microsoft Power BI is a cloud-based service that helps you easily visualize and share insights using your organization's data. This book will get you started with business intelligence using the Power BI toolset, covering essential concepts such as installation, designing effective data models, as well as building basic dashboards and visualizations to make your data come to life You will learn how to get your data the way you want – connecting to data sources sources and how to clean your data with the Power BI Query Editor. You will next learn how to properly design your data model to make your data easier to work with.. You will next learn how to properly design your data model to navigate table relationships and build DAX formulas to make your data easier to work with. Visualizing your data is another key element of this book, and you will learn how to follow proper data visualization styles and enhanced digital storytelling techniques. By the end of this book, you will understand how to administer your organization's Power BI environment so deployment can be made seamless, data refreshes can run properly, and security can be fully implemented What you will learn Connect to data sources using both import and DirectQuery options Use the Query Editor to apply data transformations and data cleansing processes, including learning how to write M and R scripts Design optimized data models by designing relationships and DAX calculations Leverage built-in and custom visuals to design effective reports Use the Power BI Desktop and Power BI Service to implement Row Level Security on your model Administer a Power BI cloud tenant for your organization

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Deploy your Power BI Desktop files into the Power BI Report Server Who this book is for This book is for aspiring Business Intelligence professionals who want to get up and running with Microsoft Power BI. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, this book is for you.

Need a precise, focused training guide for XML & XSL? Get this Fast Start guide to quickly learn XML & XSL fundamentals. Regardless of whether you are an IT manager, developer, administrator or an advanced user, this Fast Start guide will help you learn the essential concepts needed to successfully work with XML & XSL. Covers all versions of XML & XSL. What is XML? XML, or eXtensible Markup Language, is a metalanguage. That is, it's a language that can be used to describe other languages and a specification for storing information. Although XML and HTML may seem to have a lot in common, in reality the difference between them is like the difference between night and day. HTML is used to format information, but it isn't very useful when it comes to describing information. For example, you can use HTML to format a table, but you can't use HTML to describe the data elements within the table. The reason for this is that you can't really depict something as abstract as a distributor or a customer with HTML, which is where XML comes into the picture. XML can be, and is, used to define the structure of data rather than its format. This Fast Start guide begins by showing you the basics of the XML language and then builds on that knowledge to show you how to create, style and transform documents.

THE ULTIMATE BEGINNER'S GUIDE TO STARTING A BUSINESS! Have you ever dreamt of starting your own business and living life on your terms? This book shows you EXACTLY what you need to know to stand out from the crowd! Do you have an idea for an amazing product or

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service but you aren't sure how to build a business around it? Then you NEED this book. Buy now and start reading today! Are you a current business owner who struggles to identify your customers and deliver true world-class value? Everything you need to know is included in these pages! Do you want to build your hobby business into a fully-fledged venture that will help you build the life you deserve? Then you NEED this book. Buy now and start reading today! The most comprehensive guide ever developed for starting and growing a business! In the highly competitive world of business, what makes or breaks a new entrepreneur? Sourced from over twenty years of firsthand experience working with entrepreneurs, new ventures, and high-growth startups, author Ken Colwell, PHD, MBA has the answers. In his comprehensive Starting a Business QuickStart Guide, Ken Colwell concisely presents the core fundamentals that all new entrepreneurs need to know to get started, find success, and live the life of their dreams. Business and entrepreneurship students, small business owners, managers, and soon-to-be entrepreneurs will all find a wealth of value within the pages of the Starting a Business QuickStart Guide. From the very first steps conceptualizing your venture to winning your first customers, delivering value, and turning a profit, this book acts as an invaluable blueprint for your path to entrepreneurial success. Colwell's clear voice, extensive experience, and easy-to-understand presentation come together to make this book a must-have resource in the library of every budding entrepreneur! Starting a Business QuickStart Guide is Perfect For: - Would-Be Entrepreneurs With a Ton of Passion! - Entrepreneurial Students of All Ages! - Beginners with Zero Prior Experience! - Managers, Business Owners, and Decisions Makers Growing into a New Role! You'll Discover: - The Difference Between an Idea and an Opportunity! - What Makes an Entrepreneurial Opportunity

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Great! - The Very First Steps You Need To Take To Get Your Venture Off The Ground! - Pricing, Competition, Customer Identification, Marketing, and Distribution Demystified! - The REAL Components of an Entrepreneurial Mindset! - Exactly How To Craft Your Value Proposition! - How to Write a Comprehensive Business Plan! **LIFETIME ACCESS TO FREE RESOURCES & BUSINESS SUPPORT* Each book comes with free lifetime access to tons of exclusive online resources to help you become a better business owner such as workbooks, cheat sheets and reference guides. You also receive lifetime access to our online coaching community to help you achieve all of your financial goals!.* *GIVING BACK: * ClydeBank Media proudly supports the non-profit AdoptAClassroom whose mission is to advance equity in K-12 education by supplementing dwindling school funding for vital classroom materials and resources.* *CLASSROOM ADOPTION:* Teachers and professors are encouraged to contact the publisher for test banks and classroom presentation materials.

The Simplified Beginner's Guide to Financial & Managerial Accounting For Students, Business Owners and Finance Professionals

A Quick start guide to get you strong with progressive bodyweight strength training

HTML and CSS

Modular and scalable deep learning made easy

Magento 2 Development Quick Start Guide

Apache Hadoop 3 Quick Start Guide

The Simplified Beginner's Guide to SQL

Supercharge the client state in your React apps with MobX

This textbook provides a starter's guide to Verilog, to be used in conjunction with a one-semester course in Digital Systems Design, or on its own for readers who only need an introduction to the language. This book is designed to

match the way the material is actually taught in the classroom. Topics are presented in a manner which builds foundational knowledge before moving onto advanced topics. The author has designed the presentation with learning goals and assessment at its core. Each section addresses a specific learning outcome that the student should be able to “do” after its completion. The concept checks and exercise problems provide a rich set of assessment tools to measure student performance on each outcome. Written the way the material is taught, enabling a bottom-up approach to learning which culminates with a high-level of learning, with a solid foundation; Emphasizes examples from which students can learn: contains a solved example for nearly every section in the book; Includes more than 200 exercise problems, as well as concept check questions for each section, tied directly to specific learning outcomes.

Process large volumes of data in real-time while building high performance and robust data stream processing pipeline using the latest Apache Kafka 2.0 Key Features Solve practical large data and processing challenges with Kafka Tackle data processing challenges like late events, windowing, and watermarking Understand real-time streaming applications processing using Schema registry, Kafka connect, Kafka streams, and KSQL Book Description Apache Kafka is a great open source platform for handling your real-time data pipeline to ensure high-speed filtering and pattern matching on the fly. In this book, you will learn how to use Apache Kafka for efficient processing of distributed applications and will get familiar with solving everyday problems in fast data and processing pipelines. This book focuses on programming rather than the configuration management of Kafka clusters or DevOps. It starts off with the installation and setting up the

development environment, before quickly moving on to performing fundamental messaging operations such as validation and enrichment. Here you will learn about message composition with pure Kafka API and Kafka Streams. You will look into the transformation of messages in different formats, such as avro, binary, XML, JSON, and AVRO. Next, you will learn how to expose the schemas contained in Kafka with the Schema Registry. You will then learn how to work with all relevant connectors with Kafka Connect. While working with Kafka Streams, you will perform various interesting operations on streams, such as windowing, joins, and aggregations. Finally, through KSQL, you will learn how to retrieve, insert, modify, and delete data streams, and how to manipulate watermarks and windows. What you will learn

How to validate data with Kafka

Add information to existing data flows

Generate new information through message composition

Perform data validation and versioning with the Schema Registry

How to perform message Serialization and Deserialization

How to perform message Serialization and Deserialization

Process data streams with Kafka Streams

Understand the duality between tables and streams with KSQL

Who this book is for

This book is for developers who want to quickly master the practical concepts behind Apache Kafka. The audience need not have come across Apache Kafka previously; however, a familiarity of Java or any JVM language will be helpful in understanding the code in this book.

PostgreSQL is a rock-solid, scalable, and safe, enterprise-level relational database. With a broad range of features and stability it is ever increasing in popularity. The book shows you how to take advantages of PostgreSQL 11 features for Server-Side-Programming. Server-Side-Programming enables strong data encapsulation and coherence.

Quick Start Guide to VerilogSpringer

Accounting QuickStart Guide

Go Web Scraping Quick Start Guide

Hadoop 2 Quick-Start Guide

Reporting Suite Quick Start Guide for MicroStrategy 9. 3

ReasonML Quick Start Guide

Visual QuickStart Guide

MobX Quick Start Guide

Mobile Suite Quick Start Guide for MicroStrategy 9. 3

ReasonML, also known as Reason, is a new syntax and toolchain for OCaml that was created by Facebook and is meant to be approachable for web developers. Although OCaml has several resources, most of them are from the perspective of systems development. This book, alternatively, explores Reason from the perspective of web development. Android Things is the new Android based Operating System for the Internet of Things. With this book you will learn the core concepts by running code examples on different peripherals. Key Features No previous knowledge of IoT or microcontrollers required. Hands-On with simple code and plenty of examples. Use Kotlin to write simpler and more readable code Book Description Android Things is the IoT platform made by Google, based on Android. It allows us to build smart devices in a simple and convenient way, leveraging on the Android ecosystem tools and libraries, while letting Google take care of security updates. This book takes you through the basics of IoT and smart devices. It will help you to interact with common IoT device components and learn the underlying protocols. For

a simple setup, we will be using Rainbow HAT so that we don't need to do any wiring. In the first chapter, you will learn about the Android Things platform, the design concepts behind it, and how it relates to other IoT frameworks. We will look at the Developer Kits and learn how to install Android Things on them by creating a simple project. Later, we will explore the real power of Android Things, learning how to make a UI, designing and communicating with companion apps in different ways, showcasing a few libraries. We will demonstrate libraries and you will see how powerful the Android Things operating system is. What you will learn Understand key design concepts of Android Things and its advantages Set up an Android Things Developer Kit Interact with all the components of Rainbow HAT Understand how peripheral protocols work (GPIO, PWM, I2C, and SPI) Implement best practices of how to handle IoT peripherals with in terms Android Things Develop techniques for building companion apps for your devices Who this book is for This book is for developers who have a basic knowledge of Android and want to start using the Android Things developer kit.

Get writing tests and learn to design your own testing framework with Selenium WebDriver API Key FeaturesLearn Selenium from the ground upDesign your own testing frameworkCreate reusable functionality in your frameworkBook Description Selenium WebDriver is a platform-independent API

for automating the testing of both browser and mobile applications. It is also a core technology in many other browser automation tools, APIs, and frameworks. This book will guide you through the WebDriver APIs that are used in automation tests. Chapter by chapter, we will construct the building blocks of a page object model framework as you learn about the required Java and Selenium methods and terminology. The book starts with an introduction to the same-origin policy, cross-site scripting dangers, and the Document Object Model (DOM). Moving ahead, we'll learn about XPath, which allows us to select items on a page, and how to design a customized XPath. After that, we will be creating singleton patterns and drivers. Then you will learn about synchronization and handling pop-up windows. You will see how to create a factory for browsers and understand command design patterns applicable to this area. At the end of the book, we tie all this together by creating a framework and implementing multi-browser testing with Selenium Grid. What you will learn

Understand what an XPath is and how to design a customized XPath

Learn how to create a Maven project and build

Create a Singleton driver

Get to grips with Jenkins integration

Create a factory for browsers

Implement multi-browser testing with Selenium Grid

Create a sample pop-up window and JavaScript alert

Report using Extent Reports

Who this book is for This book is for software testers or developers.

Learn how to architect, implement, and administer a

complex Splunk Enterprise environment and extract valuable insights from business data. Key Features Understand the various components of Splunk and how they work together to provide a powerful Big Data analytics solution. Collect and index data from a wide variety of common machine data sources Design searches, reports, and dashboard visualizations to provide business data insights Book Description Splunk is a leading platform and solution for collecting, searching, and extracting value from ever increasing amounts of big data - and big data is eating the world! This book covers all the crucial Splunk topics and gives you the information and examples to get the immediate job done. You will find enough insights to support further research and use Splunk to suit any business environment or situation. Splunk 7.x Quick Start Guide gives you a thorough understanding of how Splunk works. You will learn about all the critical tasks for architecting, implementing, administering, and utilizing Splunk Enterprise to collect, store, retrieve, format, analyze, and visualize machine data. You will find step-by-step examples based on real-world experience and practical use cases that are applicable to all Splunk environments. There is a careful balance between adequate coverage of all the critical topics with short but relevant deep-dives into the configuration options and steps to carry out the day-to-day tasks that matter. By the end of the book, you will be a confident and proficient Splunk architect and administrator. What you will

learnDesign and implement a complex Splunk Enterprise solutionConfigure your Splunk environment to get machine data in and indexedBuild searches to get and format data for analysis and visualizationBuild reports, dashboards, and alerts to deliver critical insightsCreate knowledge objects to enhance the value of your dataInstall Splunk apps to provide focused views into key technologiesMonitor, troubleshoot, and manage your Splunk environmentWho this book is for This book is intended for experienced IT personnel who are just getting started working with Splunk and want to quickly become proficient with its usage. Data analysts who need to leverage Splunk to extract critical business insights from application logs and other machine data sources will also benefit from this book.

Leverage popular machine learning algorithms and techniques and implement them in Scala

Microsoft Power BI Quick Start Guide

Gain business data insights from operational intelligence

Build fast and type-safe React applications that leverage the JavaScript and OCaml ecosystems

Effective database programming and interaction

Learn the Essentials of Big Data Computing in the Apache Hadoop 2 Ecosystem

Implement the power of Go to scrape and crawl data from the web

AWS Lambda Quick Start Guide

Manipulate and analyze network data

with the power of Python and NetworkX

Key Features

Understand the terminology and basic concepts of network science

Leverage the power of Python and NetworkX

to represent data as a network

Apply common techniques for working with network data of varying sizes

Book Description

NetworkX is a leading free and open source package used for network science with the Python programming language. NetworkX can track properties of individuals and relationships, find communities, analyze resilience, detect key network locations, and perform a wide range of important tasks. With the recent release of version 2, NetworkX has been updated to be more powerful and easy to use. If you're a data scientist, engineer, or computational social scientist, this book will guide you in using the Python programming language to gain insights into real-world networks. Starting with the fundamentals, you'll be introduced to the core concepts of network science, along with examples that use real-world data and Python code. This book will introduce you to theoretical concepts

such as scale-free and small-world networks, centrality measures, and agent-based modeling. You'll also be able to look for scale-free networks in real data and visualize a network using circular, directed, and shell layouts. By the end of this book, you'll be able to choose appropriate network representations, use NetworkX to build and characterize networks, and uncover insights while working with real-world systems. What you will learn Use Python and NetworkX to analyze the properties of individuals and relationships Encode data in network nodes and edges using NetworkX Manipulate, store, and summarize data in network nodes and edges Visualize a network using circular, directed and shell layouts Find out how simulating behavior on networks can give insights into real-world problems Understand the ongoing impact of network science on society, and its ethical considerations Who this book is for If you are a programmer or data scientist who wants to manipulate and analyze network data in Python, this book is perfect for you. Although prior knowledge of network science is

not necessary, some Python programming experience will help you understand the concepts covered in the book easily.

Introduces Android 5.0™ (Lollipop®) for Nexus and Google Play edition devices.

Available globally. For complete online help, see <http://goo.gl/Sn5RG8>

THE ULTIMATE GUIDE TO ACCOUNTING FOR STUDENTS, BUSINESS OWNERS, & FINANCE

PROFESSIONALS! Meet Josh Bauerle, reluctant accounting student turned super CPA and author of the Accounting QuickStart Guide, 3rd Edition. This revolutionary book expertly simplifies accounting fundamentals and is an invaluable resource for accounting students, business owners, bookkeepers, and other finance and record keeping professionals everywhere! Whether you are a business owner looking to boost your bottom line or an accounting student looking to boost your grade, this book will prove indispensable on your journey. Why do accounting students, business owners, and finance professionals love this book so much? The Accounting QuickStart Guide smashes the myth that says accounting must be dry, dense, and difficult to learn.

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Josh Bauerle simplifies the core principles of accounting with entertaining stories and examples as well as clarifying illustrations and practice problems—all of which combine to provide learners a path to fast and effective mastery of the material. **FOR BUSINESS OWNERS:** Learn how to control your cash flow, audit-proof your business, and increase your profits. The Accounting QuickStart Guide will teach you the key insights to boost your bottom line in an easy-to-read, informative format. **FOR ACCOUNTING STUDENTS:** Learn the fundamental principles of both financial and managerial accounting in an engaging and educating format that you simply will not find in any textbook. Understand core accounting concepts such as the fundamental accounting equation, financial statements, managerial accounting and more through practical, real-world examples. Utilize the Accounting QuickStart Guide to supplement existing material for high school, undergraduate, or graduate courses. ***FREE ACCOUNTING DIGITAL RESOURCES:** Each book includes tons of

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online resources including workbooks, cheat sheets, calculators reference guides, chapter summaries and more! Follow the instructions in the book to receive your free digital resources.*

Evaluate MicroStrategy as a departmental solution. This book provides detailed information to download, install, configure, and use the MicroStrategy Suite.

CentOS Quick Start Guide

Kibana 7 Quick Start Guide

Apache Kafka Quick Start Guide

Caffe2 Quick Start Guide

Quick Start Guide to VHDL

MongoDB 4 Quick Start Guide

Explore and visualize network data effectively

Android Quick Start Guide, Android 5.0, Lollipop

A quick start guide to visualize your Elasticsearch data Key Features Your hands-on guide to visualizing the Elasticsearch data as well as navigating the Elastic stack Work with different Kibana plugins and create effective machine learning jobs using Kibana Build effective dashboards and reports without any hassle Book Description The Elastic Stack is growing rapidly and, day by day, additional tools are being added to make it more effective. This book endeavors to explain all the important aspects of Kibana, which is essential for utilizing its full potential.

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This book covers the core concepts of Kibana, with chapters set out in a coherent manner so that readers can advance their learning in a step-by-step manner. The focus is on a practical approach, thereby enabling the reader to apply those examples in real time for a better understanding of the concepts and to provide them with the correct skills in relation to the tool. With its succinct explanations, it is quite easy for a reader to use this book as a reference guide for learning basic to advanced implementations of Kibana. The practical examples, such as the creation of Kibana dashboards from CSV data, application RDBMS data, system metrics data, log file data, APM agents, and search results, can provide readers with a number of different drop-off points from where they can fetch any type of data into Kibana for the purpose of analysis or dashboarding. What you will learn

- Explore how Logstash is configured to fetch CSV data
- Understand how to create index patterns in Kibana
- Become familiar with how to apply filters on data
- Discover how to create ML jobs
- Explore how to analyze APM data from APM agents
- Get to grips with how to save, share, inspect, and edit visualizations
- Understand how to find an anomaly in data

Who this book is for Kibana 7 Quick Start Guide is for developers new to Kibana who want to learn the fundamentals of using the tool for visualization, as well as existing Elastic developers.

Discover techniques and tools for building serverless applications with AWS Lambda

- Key Features
- Learn to write, run, and deploy Lambda functions in the AWS cloud
- Make the most of AWS Lambda functions to build scalable and cost-efficient systems

A practical guide to developing serverless services and applications in Node.js, Java, Python, and C#

Book Description AWS Lambda is a part of AWS that lets you run your code without provisioning or managing servers. This enables you to deploy

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applications and backend services that operate with no upfront cost. This book gets you up to speed on how to build scalable systems and deploy serverless applications with AWS Lambda. The book starts with the fundamental concepts of AWS Lambda, and then teaches you how to combine your applications with other AWS services, such as AmazonAPI Gateway and DynamoDB. This book will also give a quick walk through on how to use the Serverless Framework to build larger applications that can structure code or autogenerate boilerplate code that can be used to get started quickly for increased productivity. Toward the end of the book, you will learn how to write, run, and test Lambda functions using Node.js, Java, Python, and C#. What you will learn Understand the fundamental concepts of AWS Lambda Get to grips with the Serverless Framework and how to create a serverless project Testing and debugging Lambda functions Create a stateful, serverless backend with DynamoDB Program AWS Lambda with Java, Python, and C# Program a lambda function with Node.js Who this book is for This book is primarily for IT architects and developers who want to build scalable systems and deploy serverless applications with AWS Lambda. No prior knowledge of AWS is necessary.

Apply functional Reactive programming for simple and scalable state management with MobX Key Features The easiest way to learn MobX to enhance your client-side state-management Understand how the concepts and components fit together Work through different state management scenarios with MobX Book Description MobX is a simple and highly scalable state management library in JavaScript. Its abstractions can help you manage state in small to extremely large applications. However, if you are just starting out, it is essential to have a guide that can help you take the first steps. This book aims to be that guide that

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will equip you with the skills needed to use MobX and effectively handle the state management aspects of your application. You will first learn about observables, actions, and reactions: the core concepts of MobX. To see how MobX really shines and simplifies state management, you'll work through some real-world use cases. Building on these core concepts and use cases, you will learn about advanced MobX, its APIs, and libraries that extend MobX. By the end of this book, you will not only have a solid conceptual understanding of MobX, but also practical experience. You will gain the confidence to tackle many of the common state management problems in your own projects.

What you will learn

- Explore the fundamental concepts of MobX, such as observables, actions, and reactions
- Use observables to track state and react to its changes with validations and visual feedback (via React Components)
- Create a MobX observable from different data types
- Define form data as an observable state and tackle sync and async form validations
- Use the special APIs to directly manipulate observables, tracking its changes, and discovering the reasons behind a change
- Tackle any state management issue you may have in your app by combining mobx-utils and mobx-state-tree
- Explore the internals of the MobX reactive system by diving into its inner workings

Who this book is for

This book is for web developers who want to implement easy and scalable state management for their apps. Knowledge of HTML, CSS, and JavaScript is assumed

Develop and build your Docker images and deploy your Docker containers securely.

Key Features

- Learn Docker installation on different types of OS
- Get started with developing Docker images
- Use Docker with your Jenkins CI/CD system

Book Description

Docker is an open source software platform that helps you with creating, deploying, and running your

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applications using containers. This book is your ideal introduction to Docker and containerization. You will learn how to set up a Docker development environment on a Linux, Mac, or Windows workstation, and learn your way around all the commands to run and manage your Docker images and containers. You will explore the Dockerfile and learn how to build your own enterprise-grade Docker images. Then you will learn about Docker networks, Docker swarm, and Docker volumes, and how to use these features with Docker stacks in order to define, deploy, and maintain highly-scalable, fault-tolerant multi-container applications. Finally, you will learn how to leverage Docker with Jenkins to automate the building of Docker images and the deployment of Docker containers. By the end of this book, you will be well prepared when it comes to using Docker for your next project. What you will learn

Set up your Docker workstation on various platforms
Utilize a number of Docker commands with parameters
Create Docker images using Dockerfiles
Learn how to create and use Docker volumes
Deploy multi-node Docker swarm infrastructure
Create and use Docker local and remote networks
Deploy multi-container applications that are HA and FT
Use Jenkins to build and deploy Docker images

Who this book is for
This guide is for anyone who needs to make a quick decision about using Docker for their next project. It is for developers who want to get started using Docker right away.

XML & XSL Fast Start 2nd Edition: Your Quick Start Guide for XML & XSL

QUICK START GUIDE TO BODYWEIGHT STRENGTH TRAINING

Ansible Quick Start Guide

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Docker Quick Start Guide

A practical approach to implementing blockchain in your enterprise

HTML & CSS QuickStart Guide

The Simplified Beginner ' s Guide to Launching a Successful Small Business, Turning Your Vision Into Reality, and Achieving Your Entrepreneurial Dream

A fast paced guide that will help you to create, read, update and delete data using MongoDB Key Features Create secure databases with MongoDB Manipulate and maintain your database Model and use data in a No SQL environment with MongoDB Book Description MongoDB has grown to become the de facto NoSQL database with millions of users, from small start-ups to Fortune 500 companies. It can solve problems that are considered difficult, if not impossible, for aging RDBMS technologies. Written for version 4 of MongoDB, this book is the easiest way to get started with MongoDB. You will start by getting a MongoDB installation up and running in a safe and secure manner. You will learn how to perform mission-critical create, read, update, and delete operations, and set up database security. You will also learn about advanced features of MongoDB such as the aggregation pipeline, replication, and sharding. You will learn how to build a simple web application that uses MongoDB to respond to AJAX queries, and see how to make use of the MongoDB programming language driver for PHP. The examples incorporate new features available in MongoDB version 4 where appropriate. What you will learn Get a standard MongoDB database up and running quickly Perform simple CRUD operations on the database using the MongoDB command shell Set up a simple aggregation pipeline to return

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subsets of data grouped, sorted, and filtered
Safeguard your data via replication and handle massive amounts of data via sharding
Publish data from a web form to the database using a program language driver
Explore the basic CRUD operations performed using the PHP MongoDB driver
Who this book is for
Web developers, IT professionals and Database Administrators (DBAs) who want to learn how to create and manage MongoDB databases.

Echo is a leading framework for creating web applications with the Go language. This book will show you how to develop scalable real-world web apps, RESTful services, and backend systems with Echo. Key Features
The easiest way to learn how to build web apps with Echo
Build a full working project
For Go developers with only basic web development knowledge required
Book Description
Echo is a leading framework for creating web applications with the Go language. This book will show you how to develop scalable real-world web apps, RESTful services, and backend systems with Echo. After a thorough understanding of the basics, you'll be introduced to all the concepts for a building real-world web system with Echo. You will start with the the Go HTTP standard library, and setting up your work environment. You will move on to Echo handlers, group routing, data binding, and middleware processing. After that, you will learn how to test your Go application and use templates. By the end of this book you will be able to build your very own high performance apps using Echo. A Quick Start Guide is a focussed, shorter title which provides a faster paced introduction to a technology. They are for people who don ' t need all the detail at this point in their learning curve. The presentation has been streamlined to concentrate on the things you really need to know, rather than

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everything. What you will learn

- Key design considerations for high performance Echo applications
- How Echo handles routing
- How context is managed through the lifetime of the request and response pipeline
- Decrease complexity of your apps by developing middleware functions
- Interact with the request through request data bindings
- Interact with the response through response data renderings within the framework
- Use Echo's logging and error handling facilities
- Render Go templates within Echo to allow for server side rendering of content

Who this book is for

You will need to know the basics of the Go language, and the general concepts of web development.

Supervised and unsupervised machine learning made easy in Scala with this quick-start guide.

- Key Features
- Construct and deploy machine learning systems that learn from your data and give accurate predictions
- Unleash the power of Spark ML along with popular machine learning algorithms to solve complex tasks in Scala.
- Solve hands-on problems by combining popular neural network architectures such as LSTM and CNN using Scala with DeepLearning4j library

Book Description

Scala is a highly scalable integration of object-oriented nature and functional programming concepts that make it easy to build scalable and complex big data applications. This book is a handy guide for machine learning developers and data scientists who want to develop and train effective machine learning models in Scala. The book starts with an introduction to machine learning, while covering deep learning and machine learning basics. It then explains how to use Scala-based ML libraries to solve classification and regression problems using linear regression, generalized linear regression, logistic regression, support vector machine, and

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Naïve Bayes algorithms. It also covers tree-based ensemble techniques for solving both classification and regression problems. Moving ahead, it covers unsupervised learning techniques, such as dimensionality reduction, clustering, and recommender systems. Finally, it provides a brief overview of deep learning using a real-life example in Scala. What you will learn

Get acquainted with JVM-based machine learning libraries for Scala such as Spark ML and Deeplearning4j

Learn RDDs, DataFrame, and Spark SQL for analyzing structured and unstructured data

Understand supervised and unsupervised learning techniques with best practices and pitfalls

Learn classification and regression analysis with linear regression, logistic regression, Naïve Bayes, support vector machine, and tree-based ensemble techniques

Learn effective ways of clustering analysis with dimensionality reduction techniques

Learn recommender systems with collaborative filtering approach

Delve into deep learning and neural network architectures

Who this book is for

This book is for machine learning developers looking to train machine learning models in Scala without spending too much time and effort. Some fundamental knowledge of Scala programming and some basics of statistics and linear algebra is all you need to get started with this book.

Interested in building strength and muscle with bodyweight training but don't know where to start? You have found the right guide! Quick Start Guide to Bodyweight Strength Training is here to get you started with progressive bodyweight strength training. This guide includes:

- 1-year of training programs that are based on well known strength training splits.
- A free tool to track your workouts in Google Sheets
- Track your progress and level up when it's time
- Exercise

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progression from beginner to one arm push-up, pistol squat and more • Basic instruction for each exercise • Example video links in the training tool • No Ads, no registration, no third party data storage. It all works from your own Google Drive! What are you waiting for? Download the programs and get started today! What you get exactly: #1 A training guide for progressive bodyweight strength training #2 Tracking tool that includes: • Pre made bodyweight strength training programs based on 2-3x week Fullbody, Upper/lower and bodypart splits • Customizable workout template with up to 4 workout days a week • One finger logging with mobile phone • Guides included to each progression • Video links included to each exercise • You can add custom exercises to list • Training block length 5-12weeks • Tracking sheet that counts total number of reps done in a workout and highlights the rep count with green if you made progress. If you perform less reps than last time the cell will turn red. • Planning sheet calculates the training volume for each muscle group for you • All features implemented with basic sheet functions. No scripts used so it is safe to use and requires no special permissions. • Go up or down in the progressions and select the exercises according to your strength level. • Total workout time tracking included • Track individual exercises as a chart Have fun building strength and muscle with this guide and tracking tool!

Learn how to build and deploy serverless applications on AWS
MicroStrategy Suite Quick Start Guide for MicroStrategy Analytics Enterprise

Learn Docker like a boss, and finally own your applications
Build your own smart devices using the Android Things platform

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A practical guide to building neural networks using Microsoft's open source deep learning framework

Control and monitor infrastructures of any size, physical or virtual

Build lightweight and high-performance web apps with Echo Network Science with Python and NetworkX Quick Start Guide

Learn how to train popular deep learning architectures such as autoencoders, convolutional and recurrent neural networks while discovering how you can use deep learning models in your software applications with Microsoft Cognitive Toolkit Key Features

Understand the fundamentals of Microsoft Cognitive Toolkit and set up the development environment Train different types of neural networks using Cognitive Toolkit and deploy it to production Evaluate the performance of your models and improve your deep learning skills

Book Description
Cognitive Toolkit is a very popular and recently open sourced deep learning toolkit by Microsoft. Cognitive Toolkit is used to train fast and effective deep learning models. This book will be a quick introduction to using Cognitive Toolkit and will teach you how to train and validate different types of neural networks, such as convolutional and recurrent neural networks. This book will help you understand the basics of deep learning. You will learn how to use Microsoft Cognitive Toolkit to build deep learning models and discover what makes this framework unique so that you know when to use it. This book will be a quick, no-nonsense introduction to the library and will teach you how to train different types of neural networks, such as convolutional neural networks, recurrent neural networks, autoencoders, and more, using Cognitive Toolkit. Then we will look at two scenarios in

which deep learning can be used to enhance human capabilities. The book will also demonstrate how to evaluate your models' performance to ensure it trains and runs smoothly and gives you the most accurate results. Finally, you will get a short overview of how Cognitive Toolkit fits in to a DevOps environment

What you will learn

- Set up your deep learning environment for the Cognitive Toolkit on Windows and Linux
- Pre-process and feed your data into neural networks
- Use neural networks to make efficient predictions and recommendations
- Train and deploy efficient neural networks such as CNN and RNN
- Detect problems in your neural network using TensorBoard
- Integrate Cognitive Toolkit with Azure ML Services for effective deep learning

Who this book is for

Data Scientists, Machine learning developers, AI developers who wish to train and deploy effective deep learning models using Microsoft CNTK will find this book to be useful. Readers need to have experience in Python or similar object-oriented language like C# or Java.

Get Started Fast with Apache Hadoop® 2, YARN, and Today's Hadoop Ecosystem

With Hadoop 2.x and YARN, Hadoop moves beyond MapReduce to become practical for virtually any type of data processing. Hadoop 2.x and the Data Lake concept represent a radical shift away from conventional approaches to data usage and storage. Hadoop 2.x installations offer unmatched scalability and breakthrough extensibility that supports new and existing Big Data analytics processing methods and models. Hadoop® 2 Quick-Start Guide is the first easy, accessible guide to Apache Hadoop 2.x, YARN, and the modern Hadoop ecosystem. Building on his unsurpassed experience teaching Hadoop and Big Data, author Douglas Eadline covers all the basics you need to know to install and use Hadoop 2 on personal computers or servers, and to

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navigate the powerful technologies that complement it. Eadline concisely introduces and explains every key Hadoop 2 concept, tool, and service, illustrating each with a simple “beginning-to-end” example and identifying trustworthy, up-to-date resources for learning more. This guide is ideal if you want to learn about Hadoop 2 without getting mired in technical details. Douglas Eadline will bring you up to speed quickly, whether you’re a user, admin, devops specialist, programmer, architect, analyst, or data scientist. Coverage Includes Understanding what Hadoop 2 and YARN do, and how they improve on Hadoop 1 with MapReduce Understanding Hadoop-based Data Lakes versus RDBMS Data Warehouses Installing Hadoop 2 and core services on Linux machines, virtualized sandboxes, or clusters Exploring the Hadoop Distributed File System (HDFS) Understanding the essentials of MapReduce and YARN application programming Simplifying programming and data movement with Apache Pig, Hive, Sqoop, Flume, Oozie, and HBase Observing application progress, controlling jobs, and managing workflows Managing Hadoop efficiently with Apache Ambari—including recipes for HDFS to NFSv3 gateway, HDFS snapshots, and YARN configuration Learning basic Hadoop 2 troubleshooting, and installing Apache Hue and Apache Spark

Learn development skills and improve productivity when programming in Microsoft Dynamics NAV 2018 - the popular Enterprise Resource Planning management system used across a variety of industries for business process management Key FeaturesSolve common business problems with the valuable features and flexibility of Dynamics NAVUnderstand the structure of NAV database - how documents and business entities are mapped to DB tablesDesign user interface and bind the presentation layer

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with the data storageBook Description Microsoft Dynamics NAV is an enterprise resource planning (ERP) software suite for organizations. The system offers specialized functionality for manufacturing, distribution, government, retail, and other industries. This book gets you started with its integrated development environment for solving problems by customizing business processes. This book introduces the NAV development environment - C/SIDE. It gives an overview of the internal system language and the most essential development tools. The book will enable the reader to customize and extend NAV functionality with C/AL code, design a user interface through pages, create role centers, and build advanced reports in Microsoft Visual Studio. By the end of the book, you will have learned how to extend the NAV data model, how to write and debug custom code, and how to exchange data with external applications. What you will learnManage NAV Server configuration with Microsoft Management ConsoleManage NAV installation with the NAV Administration ShellCreate integration events and extend functionality via the NAV event modelRun XML Ports from C/AL codeDesign reports and write client code in RDLC expressionsWho this book is for This book is for experienced NAV users who have an understanding of basic programming concepts. Familiarity with NAV development environment or its internal development language-C/AL is not expected.

Build and train scalable neural network models on various platforms by leveraging the power of Caffe2 Key FeaturesMigrate models trained with other deep learning frameworks on Caffe2Integrate Caffe2 with Android or iOS and implement deep learning models for mobile devicesLeverage the distributed capabilities of Caffe2 to build models that scale easilyBook Description Caffe2 is a popular deep learning library used for fast and scalable

training and inference of deep learning models on various platforms. This book introduces you to the Caffe2 framework and shows how you can leverage its power to build, train, and deploy efficient neural network models at scale. It will cover the topics of installing Caffe2, composing networks using its operators, training models, and deploying models to different architectures. It will also show how to import models from Caffe and from other frameworks using the ONNX interchange format. It covers the topic of deep learning accelerators such as CPU and GPU and shows how to deploy Caffe2 models for inference on accelerators using inference engines. Caffe2 is built for deployment to a diverse set of hardware, using containers on the cloud and resource constrained hardware such as Raspberry Pi, which will be demonstrated. By the end of this book, you will be able to not only compose and train popular neural network models with Caffe2, but also be able to deploy them on accelerators, to the cloud and on resource constrained platforms such as mobile and embedded hardware. What you will learn

- Build and install Caffe2
- Compose neural networks
- Train neural network on CPU or GPU
- Import a neural network from Caffe
- Import deep learning models from other frameworks
- Deploy models on CPU or GPU accelerators using inference engines
- Deploy models at the edge and in the cloud

Who this book is for Data scientists and machine learning engineers who wish to create fast and scalable deep learning models in Caffe2 will find this book to be very useful. Some understanding of the basic machine learning concepts and prior exposure to programming languages like C++ and Python will be useful.

Splunk 7.x Quick Start Guide

Get up and running with Microsoft Dynamics NAV

Mobile Suite Quick Start Guide for MicroStrategy 9.2.1m

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Quick Start Guide to Verilog

Learn the skills you need to work with the world's most popular NoSQL database

Oracle Blockchain Quick Start Guide

Visualize your Elasticsearch data with ease

Selenium WebDriver Quick Start Guide

Master HTML and CSS fundamentals to create beautiful websites. The best book on the market for modern web design fundamentals! Every one of the over 4 billion webpages online today use HTML markup language to display its content. HTML is everywhere. Experienced developers know that a mastery of HTML and CSS fundamentals is not only an essential web design skill, but also the solid foundation of a robust coding skillset. In HTML & CSS QuickStart Guide author, instructor, and 10+ year Fortune 500 tech company veteran David DuRocher breaks down HTML5 and CSS3 fundamentals manageable, practical, and engaging segments designed for first-time developers. David's unique and engaging approach to teaching HTML and CSS principles means that readers are ready to start designing from the very first chapter without enduring an avalanche of boring jargon or dry technobabble. Use the enclosed bonus digital asset access to go beyond the book with your own hands-on project, GitHub code repository, online tools, resources, and more! No matter whether you are a student, jobseeker looking to improve your resume, freelancer, designer, experienced developer, or just someone who wants to create their own website from scratch, everything you need to know is right here in this book! Truly anyone, at any stage of

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their lives, can learn to code. HTML and CSS are the perfect starting point on that journey—easy to learn, easy to implement, HTML & CSS open the door to a world of coding possibilities. HTML & CSS QuickStart Guide Is Perfect For: - Full stack developers looking to brush up on their front-end development skills - Jobseekers looking to increase the value of their resume - Artists, bloggers, and digital entrepreneurs who want to customize their web presence - WordPress, Shopify, and Squarespace users who want to tweak templates and make them their own - Anyone who wants to create attractive, responsive, and modern websites with no prior experience needed HTML & CSS QuickStart Guide Covers: - HTML and CSS for Beginners – all of the core HTML and CSS fundamentals you need to know in one place - HTML tags, CSS elements, CSS styling, and exactly how to fit the pieces together - Futureproofing – how to design sites that look great on any browser, any device - How to save time using best practices to produce clean and tidy code - Formatting, sizing, fonts, images, multimedia, forms, sprites, and gradients – all of the tools you need to make your website 100% your own! HTML and CSS QuickStart Guide Will Teach You: - Modern Web Design Fundamentals – How to use the powerful combination of HTML5 and CSS3 to build functional and responsive web pages - Site Structure and Responsive Design Principles – How to format HTML and CSS markup to produce attractive web sites and web pages that look great on any browser and any device. - Breathing Life Into Your Projects – How to incorporate forms, multimedia elements, special

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characters and more into your web projects - Correct Markup Best Practices – How to efficiently use CSS and HTML together to produce clean, professional HTML documents using industry-standard tools such as GitHub - HTML and CSS for Beginners – HTML and CSS elements, formatting, padding, gradients, menus, testing, debugging, keeping your site’s code up to date and more—all supported with abundant visual examples and a practical hands-on project! *LIFETIME ACCESS TO FREE HTML AND CSS DIGITAL ASSETS* - A complete hands-on project using an industry-standard GitHub code repository along with a complete online HTML, CSS, and web design resource library, web development cheat sheets, and more!

Evaluate MicroStrategy as a departmental solution. This book provides detailed information to download, install, configure, and use the MicroStrategy Reporting Suite. Web scraping is the process of extracting information from the web using various tools that perform scraping and crawling. Go is emerging as the language of choice for scraping using a variety of libraries. This book will quickly explain to you, how to scrape data data from various websites using Go libraries such as Colly and Goquery.

A concise walk-through of CentOS 7, starting from installation to securing it’s environment. Key FeaturesNo previous Linux environment experience needed for reading this bookGet comfortable with a popular and stable Red Hat Enterprise Linux distributionMost of the command line based concepts are explained with graphicsBook Description Linux kernel development has

been the worlds largest collaborative project to date. With this practical guide, you will learn Linux through one of its most popular and stable distributions. This book will introduce you to essential Linux skills using CentOS 7. It describes how a Linux system is organized, and will introduce you to key command-line concepts you can practice on your own. It will guide you in performing basic system administration tasks and day-to-day operations in a Linux environment. You will learn core system administration skills for managing a system running CentOS 7 or a similar operating system, such as RHEL 7, Scientific Linux, and Oracle Linux. You will be able to perform installation, establish network connectivity and user and process management, modify file permissions, manage text files using the command line, and implement basic security administration after covering this book. By the end of this book, you will have a solid understanding of working with Linux using the command line. What you will learn

Understand file system hierarchy and essential command-line skills
Use Vi editor, I/O redirections and how to work with common text manipulating tools
Create, delete, modify user accounts and manage passwords and their aging policy
Manage file ownership, permissions, and ACL
Execute process management and monitoring on the command line
Validate and manage network configuration using nmcli
Manage remote logins using SSH and file transfer using SCP and Rsync
Understand system logging, how to control system services with systemd and systemctl, and manage firewall
Who this book is for
Any individual who wants to learn how to use

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Linux as server or desktop in his environment. Whether you are a developer, budding system administrator, or tech lover with no previous Linux administration background, you will be able to start your journey in Linux using CentOS 7 with this book.

The Simplified Beginners Guide to Developing a Strong Coding Foundation, Building Responsive Websites, and Mastering the Fundamentals of Modern Web Design

Machine Learning with Scala Quick Start Guide

SQL Quickstart Guide

Microsoft Dynamics NAV Development Quick Start Guide

MicroStrategy Suite Quick Start Guide for MicroStrategy 9.5

Leverage Apache Kafka 2.0 to simplify real-time data processing for distributed applications

Build dashboards and visualizations to make your data come to life

Get up and running with CentOS server administration

Configure Ansible and start coding YAML playbooks using the appropriate modules Key Features Create and use Ansible Playbook to script and organise management tasks Benefit from the Ansible community roles and modules to resolve complex and niche tasks Write configuration management code to automate infrastructure Book Description Configuration Management (CM) tools help administrators reduce their workload. Ansible is one of the best Configuration Management tools, and can act as an orchestrator for managing other CMs. This book is the easiest way to learn

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how to use Ansible as an orchestrator and a Configuration Management tool. With this book, you will learn how to control and monitor computer and network infrastructures of any size, physical or virtual. You will begin by learning about the Ansible client-server architecture. To get started, you will set up and configure an Ansible server. You will then go through the major features of Ansible: Playbook and Inventory. Then, we will look at Ansible systems and network modules. You will then use Ansible to enable infrastructure automated configuration management, followed by best practices for using Ansible roles and community modules. Finally, you will explore Ansible features such as Ansible Vault, Ansible Containers, and Ansible plugins. What you will learn

Implement Playbook YAML scripts and its capacities to simplify day-to-day tasks

Setup Static and Dynamic Inventory

Use Ansible predefined modules for Linux, Windows, networking, and virtualisation

administration

Organize and configure the host filesystem using storage and files

modules

Implement Ansible to enable infrastructure automated configuration management

Simplify infrastructure administration

Search and install new roles and enable them within Ansible

Secure your data using Ansible Vault

Who this book is for

This book is targeted at System Administrators and Network Administrators who want to use Ansible to automate an

infrastructure. No knowledge of Ansible is required.

*The Ultimate Beginner's Guide To Learning SQL - From Retrieving Data To Creating Databases!***SPECIAL LIMITED TIME OFFER - (50% OFF)**** Structured Query Language or SQL (pronounced sequel by many) is the most widely used programming language used in database management and is the standard language for Relational Database Management Systems (RDBMS). SQL programming allows users to return, analyze, create, manage and delete data within a database - all within a few commands. With more industries and organizations looking to the power of data, the need for an efficient, scalable solution for data management is required. More often than not, organizations implement a Relational Database Management System in one form or another. These systems create long-term data "warehouses" that can be easily accessed to return and analyze results, such as, "Show me all of the clients from Canada that have purchased more than \$20,000 in the last 3 years." This "query," which would have taken an extensive amount of hands-on research to complete prior to the use of database, can now be determined in seconds by executing a simple `SELECT` SQL statement on a database. SQL can seem daunting to those with little to zero programming knowledge and can even pose a challenge to those that have experience with other languages. Most resources jump right into the technical

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jargon and are not suited for someone to really grasp how SQL Actually Works. That's why we created this book. Our goal here is simple: show you exactly everything you need to know to utilize SQL in whatever capacity you may need in simple, easy to follow concepts. Our book provides Multiple Step-by-Step Examples of how to master these SQL concepts to ensure you know what you're doing and why you're doing it every step of the way. This book will allow you to successfully go from knowing absolutely nothing about SQL to being able to quickly retrieve and analyze data from multiple tables. Step-by-step we will Walk You Through the Fundamentals of Understanding How a Relational Database is Structured to how to execute Complex SELECT Statements to return large datasets from your database. Here Is A Preview Of What You'll Learn... What are Relational Databases and How are They Structured! Why Knowing SQL Is Important To Almost Any Database! The Fundamentals of SQL Programming Syntax! How To Retrieve Any Type of Data You May Need Within Your Database! The Important Differences in SQL Syntax Across Database Programs! The Top Mistakes to AVOID That Those New To SQL Make! Much, Much More! Our Personal Guarantee We are so confident that methods outlined in this book will help you learn SQL that we're willing to let you try the book risk-free. If you are not fully satisfied with the product, simply let us know and we will provide a 100% full refund.

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*A fast paced guide that will help you learn
about Apache Hadoop 3 and its ecosystem Key
Features Set up, configure and get started
with Hadoop to get useful insights from large
data sets Work with the different components
of Hadoop such as MapReduce, HDFS and YARN
Learn about the new features introduced in
Hadoop 3 Book Description Apache Hadoop is a
widely used distributed data platform. It
enables large datasets to be efficiently
processed instead of using one large computer
to store and process the data. This book will
get you started with the Hadoop ecosystem,
and introduce you to the main technical
topics, including MapReduce, YARN, and HDFS.
The book begins with an overview of big data
and Apache Hadoop. Then, you will set up a
pseudo Hadoop development environment and a
multi-node enterprise Hadoop cluster. You
will see how the parallel programming
paradigm, such as MapReduce, can solve many
complex data processing problems. The book
also covers the important aspects of the big
data software development lifecycle,
including quality assurance and control,
performance, administration, and monitoring.
You will then learn about the Hadoop
ecosystem, and tools such as Kafka, Sqoop,
Flume, Pig, Hive, and HBase. Finally, you*

will look at advanced topics, including real time streaming using Apache Storm, and data analytics using Apache Spark. By the end of the book, you will be well versed with different configurations of the Hadoop 3 cluster. What you will learn Store and analyze data at scale using HDFS, MapReduce and YARN Install and configure Hadoop 3 in different modes Use Yarn effectively to run different applications on Hadoop based platform Understand and monitor how Hadoop cluster is managed Consume streaming data using Storm, and then analyze it using Spark Explore Apache Hadoop ecosystem components, such as Flume, Sqoop, HBase, Hive, and Kafka Who this book is for Aspiring Big Data professionals who want to learn the essentials of Hadoop 3 will find this book to be useful. Existing Hadoop users who want to get up to speed with the new features introduced in Hadoop 3 will also benefit from this book. Having knowledge of Java programming will be an added advantage. Get up and running with Oracle's premium cloud blockchain services and build distributed blockchain apps with ease Key Features Discover Hyperledger Fabric and its components, features, qualifiers, and architecture Get familiar with the Oracle Blockchain Platform and its unique features Build Hyperledger Fabric-based business networks with Oracle's premium blockchain cloud service Book Description Hyperledger Fabric empowers enterprises to scale out in

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an unprecedented way, allowing organizations to build and manage blockchain business networks. This quick start guide systematically takes you through distributed ledger technology, blockchain, and Hyperledger Fabric while also helping you understand the significance of Blockchain-as-a-Service (BaaS). The book starts by explaining the blockchain and Hyperledger Fabric architectures. You'll then get to grips with the comprehensive five-step design strategy - explore, engage, experiment, experience, and influence. Next, you'll cover permissioned distributed autonomous organizations (pDAOs), along with the equation to quantify a blockchain solution for a given use case. As you progress, you'll learn how to model your blockchain business network by defining its assets, participants, transactions, and permissions with the help of examples. In the concluding chapters, you'll build on your knowledge as you explore Oracle Blockchain Platform (OBP) in depth and learn how to translate network topology on OBP. By the end of this book, you will be well-versed with OBP and have developed the skills required for infrastructure setup, access control, adding chaincode to a business network, and exposing chaincode to a DApp using REST configuration. What you will learn Model your blockchain-based business network by defining its components, transactions, integrations, and infrastructure through use cases Develop,

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deploy, and test chaincode using shim and REST, and integrate it with client apps using SDK, REST, and events Explore accounting, blockchain, hyperledger fabric, and its components, features, qualifiers, architecture and structure Understand the importance of Blockchain-as-a-Service (BaaS) Experiment Hyperledger Fabric and delve into the underlying technology Set up a consortium network, nodes, channels, and privacy, and learn how to translate network topology on OBP Who this book is for If you are a blockchain developer, blockchain architect or just a cloud developer looking to get hands-on with Oracle Blockchain Cloud Service, then this book is for you. Some familiarity with the basic concepts of blockchain will be helpful to get the most out of this book Build better stores by extending Magento PostgreSQL 11 Server Side Programming Quick Start Guide

Deep Learning with Microsoft Cognitive Toolkit Quick Start Guide

Echo Quick Start Guide

Android Things Quick Start Guide

Write clear, readable, and reliable tests with Selenium WebDriver 3

Learn about big data processing and analytics Starting a Business QuickStart Guide

This textbook provides a starter's guide to VHDL. This book can be used in conjunction with a one-semester course in Digital Systems Design or on its own for

designers who only need an introduction to the language. This book is designed to provide a bottoms-up approach to learning the VHDL language. This design supports a course in which foundational knowledge is covered before moving into advanced topics. However, this design also supports use as a reference manual. The author has designed the presentation with learning goals and assessment at its core. Each section addresses a specific learning outcome that the student should be able to "do" after its completion. The concept checks and exercise problems provide a rich set of assessment tools to measure student performance on each outcome.

Create an interactive online store and customize it further using Magento Key Features

Straightforward guide to developing with Magento

Examples of different types of extension

Customize the Magento storefront and admin areas

Book Description

Magento is an open source, enterprise-level e-commerce platform with unlimited scope for customization. This makes it a great choice not only for vendors, but for developers as well. This book guides you through Magento development, teaching you how to develop modules that extend or change its functionality, leading to more flexible

and profitable Magento stores. You start with a structural overview of the key Magento development components. You will learn where things such as plugins, events, models, controllers, layouts, and UI components fit into the development landscape. You will go through examples of using these components to extend Magento. As you progress, you will be building a diverse series of small but practical Magento modules. By the end of this book, you will not only have a solid foundation in the Magento development architecture; you will also have practical experience of developing modules to customize and extend Magento stores. What you will learn

- Develop a simple shipping module
- Build admin interfaces with the built-in form and listing UI components
- Implement JavaScript components for improved customer experience
- Accommodate vendor needs by adding new catalog-related features
- Develop your way to a better checkout
- Improve customer interaction with new customer-related extensions
- Create new web APIs to make your modules more extensible

Who this book is for This book is for competent PHP developers, with only basic knowledge of the Magento platform required.