

JavaScript Javascript And Sql The Ultimate Crash Course To Learning The Javascript Programming Language And Sql In No Time

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2024-04-16

CAROLYN CONRAD

Mastering the Faster Web with PHP, MySQL, and JavaScript Apress

What is this book about? JavaScript is the preferred programming language for Web page applications, letting you enhance your sites with interactive, dynamic, and personalized pages. This fully updated guide shows you how to take advantage of JavaScript's client-side scripting techniques for the newest versions of Netscape and Internet Explorer, even if you've never programmed before. You begin with basic syntax and learn about data types and how to structure code for decision-making. Then you learn to use dates, strings, and other basic objects of JavaScript. Next, you see how to use JavaScript to manipulate objects provided by the browser, such as forms and windows. From there, you move into advanced topics like using cookies and dynamic HTML. After you have a solid foundation, you explore dynamic generation of Web content using server-side scripting and back-end databases. And you practice what you learn by building a sample application as you go. What does this book cover? Here are some of the things you'll find in this book: What types of data are used in JavaScript How to identify and correct flaws in your code Techniques for programming the browser How to use Microsoft Script Debugger and Netscape Script Debugger Ways to manage cross-browser issues How JavaScript interacts with XML and HTML Who is this book for? This book is for anyone who wants to learn JavaScript programming. You should have some understanding of HTML and how to create static Web pages, but no prior programming experience is necessary.

Learning XML Packt Publishing Ltd

Create Beautiful Visualizations that Free Your Data to Tell Powerful Truths "The depth of Barrett Clark's knowledge shines through in his writing: clear, concise, and confident. Barrett has been practicing all of this stuff in his day job for many years--Postgres, D3, GIS, all of it. The knowledge in this book is real-world and hard-earned!" -From the Foreword by Obie Fernandez Data Visualization Toolkit is your hands-on, practical, and holistic guide to the art of visualizing data. You'll learn how to use Rails, jQuery, D3, Leaflet, PostgreSQL, and PostGIS together, creating beautiful visualizations and maps that give your data a voice and to make it "dance." Barrett Clark teaches through real-world problems and examples developed specifically to illuminate every technique you need to generate stunningly effective visualizations. You'll move from the absolute basics toward deep dives, mastering diverse visualizations and discovering when to use each. Along the way, you'll build three start-to-finish visualization applications, using actual real estate, weather, and travel datasets. Clark addresses every component of data visualization: your data, database, application server, visualization libraries, and more. He explains data transformations; presents expert techniques in JavaScript, Ruby, and SQL; and illuminates key concepts associated with both descriptive statistics and geospatial data. Throughout, everything is aimed at one goal: to help you cut through the clutter and let your data tell all it can. This guide will help you Explore and understand the data visualization technology stack Master the thought process and steps involved in importing data Extract, transform, and load data in usable, reliable form Handle spotty data, or data that doesn't line up with what your chart expects Use D3 to build pie and bar charts, scatter and box plots, and more Work effectively with time-series data Tweak Ruby and SQL to optimize performance with large datasets Use raw SQL in Rails: window functions, subqueries, and common table expressions Build chord diagrams and time-series aggregates Use separate databases or schema for reporting databases Integrate geographical data via geospatial SQL queries Construct maps with Leaflet and Rails Query geospatial data the "Rails way" and the "raw SQL way"

JavaScript CRC Press

The practice of enterprise application development has benefited from the emergence of many new enabling technologies. Multi-tiered object-oriented platforms, such as Java and .NET, have become commonplace. These new tools and technologies are capable of building powerful applications, but they are not easily implemented. Common failures in enterprise applications often occur because their developers do not understand the architectural lessons that experienced object developers have learned. Patterns of Enterprise Application Architecture is written in direct response to the stiff challenges that face enterprise application developers. The author, noted object-oriented designer Martin Fowler, noticed that despite changes in technology--from Smalltalk to CORBA to Java to .NET--the same basic design ideas can be adapted and applied to solve common problems. With the help of an expert group of contributors, Martin distills over forty recurring solutions into patterns. The result is an indispensable handbook of solutions that are applicable to any enterprise application platform. This book is actually two books in one. The first section is a short tutorial on developing enterprise applications, which you can read from start to finish to understand the scope of the book's lessons. The next section, the bulk of the book, is a detailed reference to the patterns themselves. Each pattern provides usage and implementation information, as well as detailed code examples in Java or C#. The entire book is also richly illustrated with UML diagrams to further explain the concepts. Armed with this book, you will have the knowledge necessary to make important architectural decisions about building an enterprise application and the proven patterns for use when building them. The topics covered include · Dividing an enterprise application into layers · The major approaches to organizing business logic · An in-depth treatment of mapping between objects and relational databases · Using Model-View-Controller to organize a Web presentation · Handling concurrency for data that spans multiple transactions · Designing distributed object interfaces

Computer Programming: From Beginner to Badass-Javascript, Html, Css, & Sql: A Step-By-Step Guide for Beginners 2019 Prentice Hall Professional Demonstrates the remarkable similarities between Node.js and PHP, and teaches readers how to port an entire PHP web application to Node.js.

Essential ASP.NET Web Forms Development John Wiley & Sons

Make web applications run faster by using advanced PHP, SQL and JavaScript techniques Key Features Use a customized PHP stack to create efficient data-driven web applications Ensure seamless implementation of a JavaScript & HTML 5 CSS based frontend and PHP based backend. Learn about problem identification, best strategies, and UI design patterns as well to build a clean, fast web application Book Description This book will get you started with the latest benchmarking, profiling and monitoring tools for PHP, MySQL and JavaScript using Docker-based technologies. From optimizing PHP 7 code to learning asynchronous programming, from implementing Modern SQL solutions to discovering Functional JavaScript techniques, this book covers all the latest developments in Faster Web technologies. You will not only learn to determine the best optimization strategies, but also how to implement them. Along the way, you will learn how to profile your PHP scripts with Blackfire.io, monitor your Web applications, measure database performance, optimize SQL queries, explore Functional JavaScript, boost Web server performance in general and optimize applications when there is nothing left to optimize by going beyond performance. After reading this book, you will know how to boost the performance of any Web application and make it part of what has come to be known as the Faster Web. What you will learn Install, configure, and use profiling and benchmarking testing tools Understand how to recognize optimizable data structures and functions to effectively optimize a PHP7 application Diagnose bad SQL query performance and discover ways to optimize it Grasp modern SQL techniques to optimize complex SQL queries Identify and simplify overly complex JavaScript code Explore and implement UI design principles that effectively enhance the performance Combine web technologies to boost web server performance Who this book is for The audience for this book would be PHP developers who have some basic knowledge of PHP programming and Web technologies. JavaScript programming knowledge is not necessary.

With jQuery, CSS & HTML5 Simon and Schuster

This book introduces novice developers to a range of data access strategies for storing and retrieving data both locally and remotely. It provides you with a range of fully working data access solutions and the insight you need to know when, and how, to apply each of the techniques to best advantage. Focussing specifically on how the Windows 8 app developer can work with the Windows Runtime (often called Windows RT) framework this book provides careful analysis of the many options you have open to you, along with a comparison of their strengths and weaknesses under different conditions. With the days of a single database being the right choice for almost all development projects long gone. You will lean that the right choice for your app now depends on a variety of factors and getting it right will be critical to your customer's end user experience. We cover a range of data access strategies ranging from storing and retrieving data locally using the JET API, to using the most popular open and closed source database products like SQLite and SQL Server. We look at how lightweight HTML and JavaScript apps work well with equally feather-weight data stores like IndexedDB. We'll also introduce you to more advanced data access techniques like REST (JSON), WCF RIA Services, ASP.NET MVC 4 Web API and Windows Azure that can hugely expand the horizons of what it is possible for your app to do as storage - and even processing - are taken beyond the confines of your user's device. By the time you have read this book you will be familiar with the key data access considerations you will need to evaluate as you build you apps and you will be able to confidently select the data access architecture that is most appropriate to the app you want to build. What you'll learn Understand the data access capability of WinRT Explore the various data access strategies Understand local storage in Windows 8 Apps Discover how to use HTML5 indexedDB as an offline database Use SQLite and SQL Server with Windows 8 Apps Develop ASP.NET MVC 4 Web API data stores Learn how to consume data through a WCF Service Integrate your app with Public Web Services using REST See how SQL Azure can extend your Windows 8 Apps Who this book is for This book is for all the .NET, iOS, Android and Windows Phone app developers looking to develop data driven Windows 8 style apps. You should be comfortable with basic programming concepts and have worked with simple data stores previously. Table of Contents Introducing Windows 8 development from a data perspective Windows 8 Modern app data access strategies Selecting the right strategy for your app Local Data Access I : JET API Local Data Access: II: IndexedDB Dealing with Application Data WCF RIA Services ASP.NET Web API SQL Databases Windows Phone 8 Data Access

The Step by Step Guide for Beginners to Intermediate Including Some Black Hat Hacking Tips Bundle 5 Books in 1 the #1 Coding Addison-Wesley Professional

Learn to use Oracle 9i to build dynamic, data-driven Web sites. Get step-by-step details on creating and deploying Web applications using PL/SQL, HTML, Java, XML, WML, Perl and PHP. This book covers everything users need to know to master Web application development in an Oracle environment - using PL/SQL.

Learning PHP, MySQL & JavaScript Createspace Independent Publishing Platform

Go from beginner to pro using one of the most effective and widely used technology stacks, Microsoft ASP.NET. Beginning with the basics, you will learn how to create interactive, professional-grade, database-driven web applications in no time, using ASP.NET, C#, SQL, Ajax, and JavaScript. Essential ASP.NET Web Forms Development is divided into six learning modules and will take you from soup to nuts with ASP.NET. Part I is an introduction to the major concepts, methodologies, and technologies associated with .NET web application development. You will learn about the

client-server model, the .NET Framework, the ASP.NET and C# programming languages, and the Visual Studio integrated development environment. Part II teaches you how to develop a single-page .NET web application and add server and data validation controls, laying the foundation for learning languages in the context of an ASP.NET web application. Part III is all about C# operations and shows you how to perform assignment operations, conversion operations, control operations, string operations, arithmetic operations, date and time operations, array operations, collection operations, and file system operations, as well as create custom C# classes in the context of a .NET web application. In Part IV, you dive into a multiple-page .NET web application and learn how to maintain state between pages and create master pages, themes, and navigation controls. Part V shows you how to connect a .NET web application to a SQL Server database. You will learn to read a database schema, program in the SQL language, utilize data binding, perform single- and multiple-row database table maintenance, and write code behind database operations. And finally, Part VI teaches you how to enhance the interactivity of a .NET web application. You will learn how to generate email messages, make use of basic Ajax controls and the Ajax Control Toolkit, and program in the JavaScript language. What You Will Learn Delve into the basics of the client-server model, the .NET Framework, the ASP.NET and C# programming languages, and the Visual Studio integrated development environment Create a page and add server and data validation controls Develop basic programming skills in the C# language Maintain state between pages and create master pages, themes, and navigation controls Read a database schema, program in the SQL language, utilize data binding, perform single- and multiple-row database table maintenance, and write code behind database operations Generate email messages, make use of basic Ajax controls and the Ajax Control Toolkit, and program in the JavaScript language Who This Book Is For Anyone who wants to learn how to build ASP.NET web applications. Basic computer skills and the use of a database management system are recommended. Instructor materials and examples are available.

Develop State-Of-the-art Web Applications Using the Latest Web Technologies JavaScriptThe Ultimate Guide to Learn JavaScript and SQL (JavaScript for Beginners, SQL, Database Programming)

Explore the engine that drives the internet It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, MySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks. Helps you grasp the technologies that power web applications Covers PHP version 7.2 Includes coverage of the latest updates in web development Perfect for developers to use to solve problems This book is ideal for the inexperienced programmer interested in adding these skills to their toolbox. New coders who've made it through an online course or boot camp will also find great value in how this book builds on what you already know.

Build faster web apps using Node.js, Svelte.js, and WebAssembly John Wiley & Sons

For most .NET programmers, Node.js represents a radically different way to build scalable, high-traffic web sites and applications. Now, there's a practical, straight-to-the-point introduction to Node.js specifically for experienced Microsoft developers. Drawing on his immense experience with both Microsoft and JavaScript technologies, David Gaynes guides you through the entire Node.js website development process, from start to finish. Using Visual Studio examples, Gaynes covers everything from setting up servers and authorization through delivering rich CSS pages packed with graphics and data-driven content. Gaynes begins by showing you how to quickly set up Node.js and each of these complementary tools: Express (Ease of Use); Body-Parser (Form values); EJS (Views); CodeMon (Code Changes / Run Updates); Bower (UI); Bootstrap (styling), Passport (Auth); Memory-Cache (persistence); and databases (MSSQL and MySQL). Next, using clear examples, he explains Node.js's async model, coding approach, and request/response paradigm; site structure, data management, security, and more. He concludes with a full chapter of solutions to common errors Microsoft developers make when they first adopt Node.js. Node.js for .NET Developers will help you apply all hard-won .NET skills to Node.js -- building web solutions that are more responsive, perform better, and cost less.

Beginning JavaScript Pearson Education

This book is great for those just starting out in programming. and for those needing more advanced coding Knowledge .The author explains everything step by step in a simple and easy to understand way. This book covers JavaScript, HTML, SQL, CSS, AND Python programming languages. The narrator in the audio book version seems to be pretty good. he doesn't drone on . This book is a combination or bundle of 2 book. One book is 27000 words on just python, and the other book is 27000 words on JavaScript, HTML, SQL, CSS . The related audio book is 10 hours and 6 minutes. This book is good in paperback and a great addition to your library or coffee table. this book contains pictures and illustration. below will be some more details about the books. In The Ultimate Python Programming Guide for Beginners you will learn all the essential tools to become proficient in the python programming language. Learn how to install python in all major operating systems: Windows, Mac OS, and even Linux. You will be guided step by step from downloading the necessary files to making adjustments in the installation for your particular operating system. Learn the command line shell, and how to use it to run python in interactive and script modes.Discover how the python interpreter functions, and learn how to use the interactive command line shell through practical examples you can try on your own. Learn datatypes and variables in depth, with example code and discussion of the generated output.Numbers are covered in detail, including a discussion of the 4 number types in python: integer, float, complex, and boolean. Learn about Truthy and Falsy returns and how they relate to the boolean type. Practice with some of the many built-in python math functions, and discover the difference between format() and round() functions.Strings are one of the most important variables in any programming language. Learn in-depth how to explore, search, and even manipulate strings in python. Practice with python's built-in string methods.Learn about python's control structures and how to use boolean logic to achieve your software requirements.DescriptionInside, you will find an introduction to JavaScript, HTML, CSS, and SQL. These are computer programming languages. Some of them are more precisely referred to as scripting languages.Starting with JavaScript, I will introduce you to the above-mentioned programming languages. Hopefully, by the end of this book, you will have the answers to the questions of what it is and what you can do with it.JavaScript is a programming language that allows for the implementation of complex items on static web pages. Every time you look at a web page that does something besides display static information, it is a pretty safe assumption to make that JavaScript is involved. It is often referred to as the third layer of the cake.

Using JavaScript, Rails, and Postgres to Present Data and Geospatial Information Apress

Explore the engine that drives the internet It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, MySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks. Helps you grasp the technologies that power web applications Covers PHP version 7.2 Includes coverage of the latest updates in web development Perfect for developers to use to solve problems This book is ideal for the inexperienced programmer interested in adding these skills to their toolbox. New coders who've made it through an online course or boot camp will also find great value in how this book builds on what you already know.

4 Books in 1. A Complete Beginners Guide To Learn The Fundamentals Of JavaScript, Python, SQL & Java. Createspace Independent Publishing Platform

This second edition of the bestselling Learning XML provides web developers with a concise but grounded understanding of XML (the Extensible Markup Language) and its potential-- not just a whirlwind tour of XML.The author explains the important and relevant XML technologies and their capabilities clearly and succinctly with plenty of real-life projects and useful examples. He outlines the elements of markup--demystifying concepts such as attributes, entities, and namespaces--and provides enough depth and examples to get started. Learning XML is a reliable source for anyone who needs to know XML, but doesn't want to waste time wading through hundreds of web sites or 800 pages of bloated text.For writers producing XML documents, this book clarifies files and the process of creating them with the appropriate structure and format. Designers will learn what parts of XML are most helpful to their team and will get started on creating Document Type Definitions. For programmers, the book makes syntax and structures clear. Learning XML also discusses the stylesheets needed for viewing documents in the next generation of browsers, databases, and other devices.Learning XML illustrates the core XML concepts and language syntax, in addition to important related tools such as the CSS and XSL styling languages and the XLink and XPointer specifications for creating rich link structures. It includes information about three schema languages for validation: W3C Schema, Schematron, and RELAX-NG, which are gaining widespread support from people who need to validate documents but aren't satisfied with DTDs. Also new in this edition is a chapter on XSL-FO, a powerful formatting language for XML. If you need to wade through the acronym soup of XML and start to really use this powerful tool, Learning XML, will give you the roadmap you need.

2 Books in 1: Learn Sql and Computer Programming Javascript Independently Published

JavaScript is the native language of the Internet. Originally created to make web pages more dynamic, it is now used for software projects of all kinds, including scientific visualization and data services. However, most data scientists have little or no experience with JavaScript, and most introductions to the language are written for people who want to build shopping carts rather than share maps of coral reefs. This book will introduce you to JavaScript's power and idiosyncrasies and guide you through the key features of the language and its tools and libraries. The book places equal focus on client- and server-side programming, and shows readers how to create interactive web content, build and test data services, and visualize data in the browser. Topics include: The core features of modern JavaScript Creating templated web pages Making those pages interactive using React Data visualization using Vega-Lite Using Data-Forge to wrangle tabular data Building a data service with Express Unit testing with Mocha All of the material is covered by the Creative Commons Attribution-Noncommercial 4.0 International license (CC-BY-NC-4.0) and is included in the book's companion website at <http://js4ds.org> . Maya Gans is a freelance data scientist and front-end developer by way of quantitative biology. Toby Hodges is a bioinformatician turned community coordinator who works at the European Molecular Biology Laboratory. Greg Wilson co-founded Software Carpentry, and is now part of the education team at RStudio

CORE RED NOTEBOOK - CODING NOTEPAD - HTML, CSS, C++, JAVASCRIPT, SQL PROGRAMMING LANGUAGE - BUILD WEBSITES, DATABASES, ONLINE GRAPHICS and AUTOMATION - 8 X 10 Journal CRC Press

Learn how to build scalable APIs using the Node.js platform and ES6 (EcmaScript 2015) with this quick, informative guide. Developing systems for the wide range of devices available in the modern world requires the construction of APIs designed to work only with data in a centralized manner, allowing client-side applications to be developed separately and have a unique interface for the final user. Node.js has proven itself to be an excellent platform for building REST APIs because of its single-thread architecture. It has a low learning curve and can be understood by anyone who has a basic understanding of the JavaScript language. Use Building APIs with Node.js today to understand how Node.js APIs work, and how you can build your own. What You Will Learn Build scalable APIs using the Node.js platform Use ES6, Express, Passport, ApiDoc, Mocha, Helmet and more Integrate an SQL database through Sequelize.js and build a single page application using Vanilla.js Who This Book Is For Ideal for developers who have a basic understanding of JavaScript and Node.js.

PHP, MySQL, & JavaScript All-in-One For Dummies Apress

"Learn the basics of Java, SQL, C, C++, C#, Python, HTML, CSS and Javascript"--Half title page.

Node.js Recipes SitePoint

Summary Data Wrangling with JavaScript is hands-on guide that will teach you how to create a JavaScript-based data processing pipeline, handle common and exotic data, and master practical troubleshooting strategies. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Why not handle your data analysis in JavaScript? Modern libraries and data handling techniques mean you can collect, clean, process, store, visualize, and present web application data while enjoying the efficiency of a single-language pipeline and data-centric web applications that stay in JavaScript end to end. About the Book Data Wrangling with JavaScript promotes JavaScript to the center of the data analysis stage! With this hands-on guide, you'll create a JavaScript-based data processing pipeline, handle common and exotic data, and master practical troubleshooting strategies. You'll also build interactive visualizations and deploy your apps to production. Each valuable chapter provides a new component for your reusable data wrangling toolkit. What's inside Establishing a data pipeline Acquisition, storage, and retrieval Handling unusual data sets Cleaning and preparing raw dataInteractive visualizations with D3 About the Reader Written for intermediate

JavaScript developers. No data analysis experience required. About the Author Ashley Davis is a software developer, entrepreneur, author, and the creator of Data-Forge and Data-Forge Notebook, software for data transformation, analysis, and visualization in JavaScript. Table of Contents Getting started: establishing your data pipeline Getting started with Node.js Acquisition, storage, and retrieval Working with unusual data Exploratory coding Clean and prepare Dealing with huge data files Working with a mountain of data Practical data analysis Browser-based visualization Server-side visualization Live data Advanced visualization with D3 Getting to production

[Node.js for PHP Developers](#) Packt Publishing Ltd

Learn how to build interactive, data-driven websites—even if you don't have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You'll get a thorough grounding in today's core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way, including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you've learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications

Explore a working example that brings all of the ingredients together

[Fowler](#) Addison-Wesley

This book addresses today's approach to JavaScript in detail: modern browser support, including information on Internet Explorer 7; Object-Oriented JavaScript; testing and debugging; unobtrusive JavaScript techniques using DOM Scripting; Ajax; creating and using blocks of reusable code, and the future of JavaScript. All the concepts expressed in this up-to-the-minute reference are thoroughly backed up with real world examples and full-scale case studies. The book offers reusable functions for readers to use in their own projects, a significant time-saver. Also included are several reference sections that allow developers to look up details quickly and easily.

Node.js for .NET Developers "O'Reilly Media, Inc."

MySQL Programming Made Easy " Always wanted to learn MySQL Programming?" " Always confused by all the technical jargon and its the reason why you haven't attempted computer programming" " Just want an easy to read quick learning guide to get right into programming when your done?" " Want to discuss in depth SQL and Database language?" " How about SQL Syntax? Clauses and Statements?" Javascript " Looking to take your programming to the next level?" " Need the basics fast and become a pro right after!" " Want all the coding tools needed to be the best at JavaScript?" " HTML, CSS and JavaScript all in one!" " Don't know your JavaScript Statements?" " How about basic Syntax? Or Functions and Events?" " Tired of all those technical books that make programming seem impossible?"