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Nicholas C. Zakas

High Performance Javascript Nicholas C Zakas

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High Performance JavaScript Nicholas C. Zakas, 2010-03-11 If you re like most developers you rely heavily on JavaScript to build interactive and quick responding web applications The problem is that all of those lines of JavaScript code can slow down your apps This book reveals techniques and strategies to help you eliminate performance bottlenecks during development You ll learn how to improve execution time downloading interaction with the DOM page life cycle and more Yahoo frontend engineer Nicholas C Zakas and five other JavaScript experts Ross Harmes Julien Lecomte Steven Levithan Stoyan Stefanov and Matt Sweeney demonstrate optimal ways to load code onto a page and offer programming tips to help your JavaScript run as efficiently and guickly as possible You ll learn the best practices to build and deploy your files to a production environment and tools that can help you find problems once your site goes live Identify problem code and use faster alternatives to accomplish the same task Improve scripts by learning how JavaScript stores and accesses data Implement JavaScript code so that it doesn't slow down interaction with the DOM Use optimization techniques to improve runtime performance Learn ways to ensure the UI is responsive at all times Achieve faster client server communication Use a build system to minify files and HTTP compression to deliver them to the browser **High Performance JavaScript** Nicholas Zakas, 2010-03-18 If you re like most developers you rely heavily on JavaScript to build interactive and guick responding web applications The problem is that all of those lines of JavaScript code can slow down your apps This book reveals techniques and strategies to help you eliminate performance bottlenecks during development You ll learn how to improve execution time downloading interaction with the DOM page life cycle and more Yahoo frontend engineer Nicholas C Zakas and five other JavaScript experts Ross Harmes Julien Lecomte Steven Levithan Stoyan Stefanov and Matt Sweeney demonstrate optimal ways to load code onto a page and offer programming tips to help your JavaScript run as efficiently and quickly as possible You ll learn the best practices to build and deploy your files to a production environment and tools that can help you find problems once your site goes live Identify problem code and use faster alternatives to accomplish the same task Improve scripts by learning how JavaScript stores and accesses data Implement JavaScript code so that it doesn't slow down interaction with the DOM Use optimization techniques to improve runtime performance Learn ways to ensure the UI is responsive at all times Achieve faster client server communication Use a build system to minify files and HTTP compression to deliver them to the browser C, C++, Java, Python, PHP, JavaScript and Linux For Beginners Manjunath.R,2020-04-13 An Introduction to Programming Languages and Operating Systems for Novice Coders An ideal addition to your personal elibrary With the aid of this indispensable reference book you may quickly gain a grasp of Python Java JavaScript C C CSS Data Science HTML LINUX and PHP It can be challenging to understand the programming language s distinctive advantages and charms Many programmers who are familiar with a variety of languages frequently approach them from a constrained perspective rather than enjoying their full expressivity Some programmers incorrectly use

Programmatic features which can later result in serious issues The programmatic method of writing programs the ideal approach to use programming languages is explained in this book. This book is for all programmers whether you are a novice or an experienced pro Its numerous examples and well paced discussions will be especially beneficial for beginners Those who are already familiar with programming will probably gain more from this book of course I want you to be prepared to use programming to make a big difference C C Java Python PHP JavaScript and Linux For Beginners is a comprehensive guide to programming languages and operating systems for those who are new to the world of coding This easy to follow book is designed to help readers learn the basics of programming and Linux operating system and to gain confidence in their coding abilities With clear and concise explanations readers will be introduced to the fundamental concepts of programming languages such as C C Java Python PHP and JavaScript as well as the basics of the Linux operating system The book offers step by step guidance on how to write and execute code along with practical exercises that help reinforce learning Whether you are a student or a professional C C Java Python PHP JavaScript and Linux For Beginners provides a solid foundation in programming and operating systems By the end of this book readers will have a solid understanding of the core concepts of programming and Linux and will be equipped with the knowledge and skills to continue learning and exploring the exciting world of coding Linux Commands, C, C++, Java and Python Exercises For Beginners Manjunath.R, 2020-03-27 Hands On Practice for Learning Linux and Programming Languages from Scratch Are you new to Linux and programming Do you want to learn Linux commands and programming languages like C C Java and Python but don t know where to start Look no further An approachable manual for new and experienced programmers that introduces the programming languages C C Java and Python This book is for all programmers whether you are a novice or an experienced pro It is designed for an introductory course that provides beginning engineering and computer science students with a solid foundation in the fundamental concepts of computer programming In this comprehensive guide you will learn the essential Linux commands that every beginner should know as well as gain practical experience with programming exercises in C C Java and Python It also offers valuable perspectives on important computing concepts through the development of programming and problem solving skills using the languages C C Java and Python The beginner will find its carefully paced exercises especially helpful Of course those who are already familiar with programming are likely to derive more benefits from this book After reading this book you will find yourself at a moderate level of expertise in C C Java and Python from which you can take yourself to the next levels The command line interface is one of the nearly all well built trademarks of Linux There exists an ocean of Linux commands permitting you to do nearly everything you can be under the impression of doing on your Linux operating system However this at the end of time creates a problem because of all of so copious commands accessible to manage you don't comprehend where and at which point to fly and learn them especially when you are a learner If you are facing this problem and are peering for a painless method to begin your command line journey in Linux you ve come to the right place

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Building the Realtime User Experience Ted Roden, 2010-06-23 The Web is increasingly

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oriented programing powerful aspects of function expressions Browser Object Model allowing interaction with the browser itself detecting the client and its capabilities Document Object Model DOM objects available in DOM Level 1 how DOM Levels 2 and 3 augmented the DOM events legacy support and how the DOM redefined how events should work enhancing form interactions and working around browser limitations using the canvas tag to create on the fly graphics JavaScript API changes in HTML5 how browsers handle JavaScript errors and error handling features of JavaScript used to read and manipulate XML data the JSON data format as an alternative to XML Ajax techniques including the use of XMLHttpRequest object and CORS complex patterns including function currying partial function application and dynamic functions offline detection and storing data on the client machine techniques for JavaScript in an enterprise environment for better maintainability This book is aimed at three groups of readers Experienced object oriented programming developers looking to learn JavaScript as it relates to traditional OO languages such as Java and C Web application developers attempting to enhance site usability novice JavaScript developers Nicholas C Zakas worked with the Web for over a decade He has worked on corporate intranet applications used by some of the largest companies in the world and large scale consumer websites such as MyYahoo and the Yahoo homepage He regularly gives talks at companies and conferences regarding front end best practices and new technology Web Performance Daybook Volume 2 Stoyan Stefanov, 2012-06-18 Performance is critical to the success of any website and help with using today's new tools is key In this remarkable guide 32 leading web performance experts offer practical tips techniques and advice for optimizing your site s user experience Originally written for an online calendar this collection of articles will inspire you to squeeze every ounce of performance from your site whether you re a web developer mobile developer or web designer Check the table of contents and you ll be convinced In order of appearance Web Performance Daybook authors include Patrick Meenan Nicholas Zakas Guy Podjarny Stoyan Stefanov Tim Kadlec Brian Pane Josh Fraser Steve Souders Betty Tso Israel Nir Marcel Duran ric Daspet Alois Reitbauer Matthew Prince Buddy Brewer Alexander Podelko Estelle Weyl Aaron Peters Tony Gentilcore Matthew Steele Bryan McQuade Tobie Langel Billy Hoffman Joshua Bixby Sergey Chernyshev JP Castro Pavel Paulau David Calhoun Nicole Sullivan James Pearce Tom Hughes Croucher Dave Artz JavaScript de Alto Desempenho Nicholas C. Zakas, 2010-07-14 Se for semelhante maioria dos desenvolvedores voc costuma usar JavaScript frequentemente para criar aplica es web interativas e de resposta r pida O problema que todas essas linhas de c digo em JavaScript podem tornar suas aplica es mais lentas Este livro revela t cnicas e estrat gias que ir o ajudar a eliminar gargalos de desempenho durante o desenvolvimento Voc aprender como melhorar o tempo de execu o a realiza o de downloads a intera o com o DOM o ciclo de vida da p gina e muito mais O engenheiro de frontend do Yahoo Nicholas C Zakas e cinco outros especialistas em JavaScript Ross Harmes Lecome Steven Levithan Stoyan Stefanov e Matt Sweeney demonstram m todos ideais para a inclus o de c digo na p gina oferecendo dicas de programa o que poder o ajud lo a encontrar os problemas uma vez que seu site esteja no ar Identifique c digos problem ticos

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