Spa Design And Architecture Understanding Single Page Web Applications

First published in 1996, The Eyes of the Skin has become a classic of architectural theory. It asks the far-reaching question why, when there are five senses, has one single sense – sight – become so predominant in architectural culture and design? With the ascendancy of the digital and the all-pervasive use of the image electronically, it is a subject that has become all the more pressing and topical since the first edition's publication in the mid-1990s. Juhani Pallasmaa argues that the suppression of the other four sensory realms has led to the overall impoverishment of our built environment, often diminishing the emphasis on the spatial experience of a building and architecture's ability to inspire, engage and be wholly life enhancing. For every student studying Pallasmaa's classic text for the first time, The Eyes of the Skin is a revelation. It compellingly provides a totally fresh insight into architectural culture. This third edition meets readers' desire for a further understanding of the context of Pallasmaa's thinking by providing a new essay by architectural author and educator Peter MacKeith. This text combines both a biographical portrait of Pallasmaa and an outline of his architectural thinking, its origins and its relationship to the wider context of Nordic and European thought, past and present. The focus of the essay is on the fundamental humanity, insight and sensitivity of Pallasmaa's approach to architecture, bringing him closer to the reader. This is illustrated by Pallasmaa's sketches and photographs of his own work. The new edition also provides a foreword by the internationally renowned architect Steven Holl and a revised introduction by Pallasmaa himself.

Massive, disruptive change is coming to IT as software as a service (SaaS), SOA, mashups, Web 2.0, and cloud computing truly come of age. Now, one of the world's leading IT innovators explains what it all means—coherently, thoroughly, and authoritatively. Writing for IT executives, architects, and developers alike, world-renowned expert David S. Linthicum explains why the days of managing IT organizations as private fortresses will rapidly disappear as IT inevitably becomes a global community. He demonstrates how to run IT when critical elements of customer, product, and business data and processes extend far beyond the firewall—and how to use all that information to deliver real-time answers about everything from an individual customer's credit to the location of a specific cargo container. Cloud Computing and SOA Convergence in Your Enterprise offers a clear-eyed assessment of the challenges associated with this new world—and offers a step-by-step program for getting there with maximum return on investment and minimum risk. Using multiple examples, Linthicum Reviews the powerful cost, value, and risk-related drivers behind the move to cloud computing—and explains why the shift will accelerate Explains the technical underpinnings, supporting technologies, and best-practice methods you'll need to make the transition Helps you objectively assess the promise of cloud computing and SOA for your organization, quantify value, and make the business case Walks you through evaluating your existing IT infrastructure and finding your most cost-effective, safest path to the "cloud" Shows how to choose the right candidate data, services, and processes for your cloud computing initiatives Guides you through building disruptive infrastructure and next-generation process platforms Helps you bring effective, high-value governance to the clouds If you're ready to begin driving real competitive advantage from cloud computing, this book is the start-to-finish roadmap you need to make it happen.

Learning about isomorphic development in Go leads to a unified view of web and back-end development: It extends the remit of a server-side programming language to the browser. About This Book Learn how to build Isomorphic Go web applications Neatly organize your isomorphic codebase to enhance the maintainability of your application Leverage the same Go

code across the web server and the web browser Who This Book Is For This book addresses web developers, who are comfortable with JavaScript and the full web development cycle. You may or may not be experienced in isomorphic development, but should have a basic understanding of Go's syntax. What You Will Learn Create Go programs inside the web browser using GopherJS Render isomorphic templates on both the client side and the server side Perform end-to-end application routing for greater search engine discoverability and an enhanced user experience Implement isomorphic handoff to seamlessly transition state between the web server and the web browser Build real-time web application functionality with websockets Create reusable components (cogs) that are rendered using the virtual DOM Deploy an Isomorphic Go application for production use In Detail Isomorphic Go is the methodology to create isomorphic web applications using the Go programming language. Isomorphic web applications have the capability to reuse code across environments, increasing the synergy between the web server and the web browser. This book is a hands-on guide that will show you how to build and deploy an Isomorphic Go web application. Isomorphic Go begins with an in-depth exploration of the benefits provided by the isomorphic web application architecture. You'll be introduced to the Isomorphic Go toolchain, and how it can help you write Go code that functions across environments. You'll learn how to create Go programs in the web browser using GopherJS and how to render isomorphic templates. Then you'll be introduced to end-to-end application routing, use isomorphic handoff to seamlessly transition state from the web server to the web browser, and compose isomorphic forms that have the ability to reuse form validation logic. You'll be exposed to advanced concepts including the implementation of real-time web application functionality with websockets and the creation of reusable components (cogs) that are rendered using the virtual DOM. Finally, you'll see how to deploy an Isomorphic Go web application to a production environment. Style and Approach Kamesh guides beginner Go developers and JavaScript developers with basic Go syntax skills through a full Go tutorial until they emerge with a working knowledge of isomorphic Go development.

Practical Software Architecture Solutions from the Legendary Robert C. Martin ("Uncle Bob") By applying universal rules of software architecture, you can dramatically improve developer productivity throughout the life of any software system. Now, building upon the success of his best-selling books Clean Code and The Clean Coder, legendary software craftsman Robert C. Martin ("Uncle Bob") reveals those rules and helps you apply them. Martin's Clean Architecture doesn't merely present options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you've come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you'll face–the ones that will make or break your projects. Learn what software architects need to achieve–and core disciplines and practices for achieving it Master essential software design principles for addressing function, component separation, and data management See how programming paradigms impose discipline by restricting what developers can do Understand what's critically important and what's merely a "detail" Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect, systems analyst, system designer, and software manager–and for every programmer who must execute someone else's designs. Register your product for convenient access to downloads, updates, and/or corrections as they become available.

Today, fitness studios and modern spas are more than merely functional sports installations and health centers. In fact, they are painstakingly conceived and designed to delight their

visitors with perfected trainling programs, the latest in health and beauty treatments, and stunning interiors. Spa & Health Club Design gathers 21 of these wellness retreats whose original designs and innovative architecture generate the perfect environment for physical exercise and relaxation. Book jacket.

Summary SPA Design and Architecture teaches you the design and development skills you need to create SPAs. Includes an overview of MV* frameworks, unit testing, routing, layout management, data access, pub/sub, and client-side task automation. This book is full of easy-to-follow examples you can apply to the library or framework of your choice. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The next step in the development of web-based software, single-page web applications deliver the sleekness and fluidity of a native desktop application in a browser. If you're ready to make the leap from traditional web applications to SPAs, but don't know where to begin, this book will get you going. About the Book SPA Design and Architecture teaches you the design and development skills you need to create SPAs. You'll start with an introduction to the SPA model and see how it builds on the standard approach using linked pages. The author guides you through the practical issues of building an SPA, including an overview of MV* frameworks, unit testing, routing, layout management, data access, pub/sub, and client-side task automation. This book is full of easy-to-follow examples you can apply to the library or framework of your choice. What's Inside Working with modular JavaScript Understanding MV* frameworks Layout management Client-side task automation Testing SPAs About the Reader This book assumes you are a web developer and know JavaScript basics. About the Author Emmit Scott is a senior software engineer and architect with experience building large-scale, web-based applications. Table of Contents PART 1 THE BASICS What is a single-page application? The role of MV* frameworks Modular JavaScript PART 2 CORE CONCEPTS Navigating the single page View composition and layout Inter-module interaction Communicating with the server Unit testing Client-side task automation APPENDIXES Employee directory example walk-through Review of the XMLHttpRequest API Chapter 7 server-side setup and summary Installing Node.js and Gulp.js

Browser-based software can quickly become complex and difficult to maintain, especially when it's implemented as a large single-page application. By adopting the micro frontends approach and designing your web apps as systems of features, you can deliver faster feature development, easier upgrades, and pick and choose the technology you use in your stack. Micro Frontends in Action is your guide to simplifying unwieldy frontends by composing them from small, well-defined units. Summary Browser-based software can quickly become complex and difficult to maintain, especially when it's implemented as a large single-page application. By adopting the micro frontends approach and designing your web apps as systems of features, you can deliver faster feature development, easier upgrades, and pick and choose the technology you use in your stack. Micro Frontends in Action is your guide to simplifying unwieldy frontends by composing them from small, well-defined units. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Micro frontends deliver the same flexibility and maintainability to browser-based applications that microservices provide for backend systems. You design your project as a set of standalone components that include their own interfaces, logic, and storage. Then you develop these mini-applications independently and compose them in the browser. About the Book Micro Frontends in Action teaches you to apply the microservices approach to the frontend. You'll start with the core micro frontend design ideas. Then, you'll build an e-commerce application, working through practical issues like server-side and client-side composition, routing, and maintaining a consistent look and feel. Finally, you'll explore team workflow patterns that maximize the benefit of developing application components independently. What's Inside - Create a unified frontend from independent applications -

Combine JavaScript code from multiple frameworks - Browser and server-side composition and routing - Implement effective dev teams and project workflow About the Reader For web developers, software architects, and team leaders. About the Author Michael Geers is a software developer specializing in building user interfaces. Table of Contents PART 1 - GETTING STARTED WITH MICRO FRONTENDS 1 What are micro frontends? 2 My first micro frontends project PART 2 - ROUTING, COMPOSITION, AND COMMUNICATION 3 Composition with Ajax and server-side routing 4 Server-side composition 5 Client-side composition 6 Communication patterns 7 Client-side routing and the application shell 8 Composition and universal rendering 9 Which architecture fits my project? PART 3 - HOW TO BE FAST, CONSISTENT, AND EFFECTIVE 10 Asset loading 11 Performance is key 12 User interface and design system 13 Teams and boundaries 14 Migration, local development, and testing

Learn JavaScript from scratch! Packed with numerous examples, JavaScript: Novice to Ninja is a fun, step-by-step and comprehensive introduction to development in JavaScript. Discover how to use JavaScript to solve real-world problems, build smarter forms, track user events, and design eye-catching animations. Learn JavaScript's built-in functions, methods, and properties. Use JavaScript to validate form entries and interact with your users. Understand how to respond to user events and add interactivity to your applications. Create animations that bring your web site to life. Start programming using the DOM And much more!

A fascinating photographic study of the previously overlooked Soviet Sanatoriums and their treatments - stunning eastern bloc architecture meets crude-oil baths and radon water douches. Visiting a Soviet sanatorium is like stepping back in time. Originally conceived in the 1920s, they afforded workers a place to holiday, courtesy of a state-funded voucher system. At their peak they were visited by millions of citizens across the USSR every year. A combination of medical institution and spa, the era's sanatoriums are among the most innovative buildings of their time. Although aesthetically diverse, Soviet utopian values permeated every aspect: western holidays were perceived as decadent. By contrast, sanatorium breaks were intended to edify and strengthen visitors - health professionals carefully monitored guests throughout their stay, so they could return to work with renewed vigour. Certain sanatoriums became known for their specialist treatments, such as crude oil baths, radon water douches and stints in underground salt caves. While today some sanatoriums are in critical states of decline, many are still fully operational and continue to offer their Soviet-era treatments to visitors. Using specially commissioned photographs by leading photographers of the post-Soviet territories, and texts by sanatorium expert Maryam Omidi, this book documents over forty-five sanatoriums and their unconventional treatments. From Armenia to Uzbekistan, it represents the most comprehensive survey to date of this fascinating and previously overlooked Soviet institution.

Summary CORS in Action introduces Cross-Origin Resource Sharing (CORS) from both the server and the client perspective. It starts with the basics: how to make CORS requests and how to implement CORS on the server. It then explores key details such as performance, debugging, and security. API authors will learn how CORS opens their APIs to a wider range of users. JavaScript

developers will find valuable techniques for building rich web apps that can take advantage of APIs hosted anywhere. The techniques described in this book are especially applicable to mobile environments, where browsers are guaranteed to support CORS. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Suppose you need to share some JSON data with another application or service. If everything is hosted on one domain, it's a snap. But if the data is on another domain, the browser's "same-origin" policy stops you cold. CORS is a new web standard that enables safe cross-domain access without complex server-side code. Mastering CORS makes it possible for web and mobile applications to share data simply and securely. CORS in Action introduces CORS from both the server and the client perspective. It starts with making and enabling CORS requests and then explores performance, debugging, and security. You'll learn to build apps that can take advantage of APIs hosted anywhere and how to write APIs that expand your products to a wider range of users. For web developers comfortable with JavaScript. No experience with CORS is assumed. What's Inside CORS from the ground up Serving and consuming cross-domain data Best practices for building CORS APIs When to use CORS alternatives like JSON-P and proxies About the Author Monsur Hossain is an engineer at Google who has worked on API-related projects such as the Google JavaScript Client, the APIs Discovery Service, and CORS support for Google APIs. Table of Contents PART 1 INTRODUCING CORS The Core of CORS Making CORS requests PART 2 CORS ON THE SERVER Handling CORS requests Handling preflight requests Cookies and response headers Best practices PART 3 DEBUGGING CORS REQUESTS Debugging CORS requests APPENDIXES CORS reference Configuring your environment What is CSRF? Other cross-origin techniques
Software Systems Architecture, Second Edition is a highly regarded, practitioner-oriented guide to designing and implementing effective architectures for information systems. It is both a readily accessible introduction to software architecture and an invaluable handbook of well-established best practices. With this book you will learn how to Design and communicate an architecture that reflects and balances the different needs of its stakeholders Focus on architecturally significant aspects of design, including frequently overlooked areas such as performance, resilience, and location Use scenarios and patterns to drive the creation and validation of your architecture Document your architecture as a set of related views Reflecting new standards and developments in the field, this new edition extends and updates much of the content, and Adds a "system context viewpoint" that documents the system's interactions with its environment Expands the discussion of architectural principles, showing how they can be used to provide traceability and rationale for architectural decisions Explains how agile development and architecture can work together Positions requirements and architecture activities in the project context Presents a new lightweight method for architectural validation Whether

you are an aspiring or practicing software architect, you will find yourself referring repeatedly to the practical advice in this book throughout the lifecycle of your projects. A supporting Web site containing further information can be found at www.viewpoints-and-perspectives.info.

DIVLearning a new discipline is similar to learning a new language; in order to master the foundation of architecture, you must first master the basic building blocks of its language – the definitions, function, and usage. Language of Architecture provides students and professional architects with the basic elements of architectural design, divided into twenty-six easy-to-comprehend chapters. This visual reference includes an introductory, historical view of the elements, as well as an overview of how these elements can and have been used across multiple design disciplines./divDIV /divDIVWhether you're new to the field or have been an architect for years, you'll want to flip through the pages of this book throughout your career and use it as the go-to reference for inspiration, ideas, and reminders of how a strong knowledge of the basics allows for meaningful, memorable, and beautiful fashions that extend beyond trends./divDIV /divDIVThis comprehensive learning tool is the one book you'll want as a staple in your library./divDIV /div

This book contains most of the papers presented in the Eco-Architecture 2010 conference, which was the third edition of the International Conference on Harmonisation between Architecture and Nature. Previous editions, that were very successful were held previously in the New Forest, UK, in 2006 and the Algarve, Portugal in 2008 and demonstrated the importance of a forum like this to discuss the characteristics and challenges of such architectural vision. Eco-Architecture implies a new approach to the design process intended to harmonise its products with nature. This involves ideas such as minimum use of energy at each stage of the building process, taking into account the amount required during the extraction and transportation of materials, their fabrication, assembly, building erection, maintenance and eventual future recycling. Presentations in the conference were related to topics like building technologies, design by passive systems, design with nature, ecological and cultural sensitivity, life cycle assessment, quantifying sustainability in architecture, resources and rehabilitation, and issues from education, research and practice. Case studies from different places around the world were also presented.

Summary In Single Page Web Applications you'll learn to build modern browser-based apps that take advantage of stronger client platforms and more predictable bandwidth. You'll learn the SPA design approach, and then start exploring new techniques like structured JavaScript and responsive design. And you'll learn how to capitalize on trends like server-side JavaScript and NoSQL data stores, as well as new frameworks that make JavaScript more manageable and testable as a first-class language. About this Book If your website is a jumpy collection of linked pages, you are behind. Single page web applications are your next step: pushing UI rendering and business logic to the browser and communicating with

the server only to synchronize data, they provide a smooth user experience, much like a native application. But, SPAs can be hard to develop, manage, and test. Single Page Web Applications shows how your team can easily design, test, maintain, and extend sophisticated SPAs using JavaScript end-to-end, without getting locked into a framework. Along the way, you'll develop advanced HTML5, CSS3, and JavaScript skills, and use JavaScript as the language of the web server and the database. This book assumes basic knowledge of web development. No experience with SPAs is required. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Design, build, and test a full-stack SPA Best-in-class tools like jQuery, TaffyDB, Node.js, and MongoDB Real-time web with web sockets and Socket.IO Touch controls for tablets and smartphones Common SPA design mistakes About the Authors The authors are architects and engineering managers. Michael Mikowski has worked on many commercial SPAs and a platform that processes over 100 billion requests per year. Josh Powell has built some of the most heavily trafficked sites on the web. Table of Contents PART 1: INTRODUCING SPAS Our first single page application Reintroducing JavaScript PART 2: SPA CLIENT Develop the Shell Add feature modules Build the Model Finish the Model and Data modules PART 3: THE SPA SERVER The web server The server database Readying our SPA for production Micro-frontends are the answer to todayÃ?Â¢??s increasingly complex web applications. Inspired by the microservices model, this approach lets organizations break interfaces into separate features managed by different teams of developers. In this practical guide, Luca Mezzalira shows software architects and senior developers how to build and deliver artifacts atomically rather than use a big bang deployment structure. You'll learn how this architecture allows different teams to choose any library or framework for their micro-frontends without affecting existing components. This gives your organization technical flexibility and enables you to hire and retain a broad spectrum of talent. Micro-frontends also support distributed or colocated teams more efficiently. Pick up this book and learn how to get started with this technological breakthrough. Explore the technological impact of micro-frontends in your organization Learn how to identify, generate, and orchestrate micro-frontends Identify areas of an application UI that individual teams can handle Understand and manage the complexity that micro-frontends bring inside an organization Establish end-to-end automation for building and deploying micro-frontends using the strangler pattern William T. Baker's work is inspired by the bounty of classical architecture found in the grand homes of the southern United States, particularly the state of Georgia. The hallmarks of his architecture are extraordinary attention to details of craftsmansh

Get the definitive guide on designing applications on the Microsoft application platformâ€"straight from the Microsoft patterns & practices team. Learn how to choose the most appropriate architecture and the best implementation technologies that the

Microsoft application platform offers applications developers. Get critical design recommendations and guidelines organized by application typeâ€"from Web, mobile, and rich Internet applications to Office Business Applications. Youâ€™ll also get links to additional technical resources that can help with your application development.

An introduction to a powerful and flexible network modeling tool for developing and understanding complex systems, with many examples from a range of industries. Design structure matrix (DSM) is a straightforward and flexible modeling technique that can be used for designing, developing, and managing complex systems. DSM offers network modeling tools that represent the elements of a system and their interactions, thereby highlighting the system's architecture (or designed structure). Its advantages include compact format, visual nature, intuitive representation, powerful analytical capacity, and flexibility. Used primarily so far in the area of engineering management, DSM is increasingly being applied to complex issues in health care management, financial systems, public policy, natural sciences, and social systems. This book offers a clear and concise explanation of DSM methods for practitioners and researchers.

Architecture is an experience – with the intellect and with all our senses, in motion, and in use. But in order to actually discuss and assess it with relevance, a clarification of terms is essential in order to avoid the vagueness that often prevails when talking about architecture. This dictionary provides a vocabulary that allows the architecture discourse to go beyond the declaration of constructive relationships or the description of architectonic forms in familiar terms like "roof," "base," "wall," and "axis" or "proportion". The point is to describe the experience of architecture: how exactly does it contribute to the experience of a situation? For instance, the staging of an entrance situation, or the layout and visitor routes through a museum. From "context," through "guidance," "readability," "patina," "spatial structure," "symmetry" and "tectonics," to "width" (and "narrowness") or "window," the most important terms in architectural language are explained precisely and in detail.

A wide and beautiful selection of contemporary design solutions for the ultimate bath experience in one's own four walls.

This book presents a set of recent advances that involve the areas of multimedia, IoT, and web technologies. These advances incorporate aspects of clouds, artificial intelligence, data analysis, user experience, and games. In this context, the work will bring the reader the opportunity to understand new possibilities of use and research in these areas. We think that this book is suitable for students (postgraduates and undergraduates) and lecturers on these specific topics. Professionals can also benefit from the book since some chapters work with practical aspects relevant to the industry. The spa industry is currently the fastest growing segment of the hospitality and leisure industry with revenues exceeding those from amusement parks, box office receipts, vacation ownership gross sales and ski resort ticket sales. Understanding the Global Spa Industry is the first book to examine management practices in this industry and offers a groundbreaking and comprehensive approach to global spa management, covering everything from the beginnings of the industry through to contemporary management and social and ethical issues. With contributions from internationally renowned business leaders, practitioners and academics, this unique book is packed with case studies, examples and advice for all those working in, and studying, the international spa industry. Understanding the Global Spa Industry brings an analytic

lens to the spa movement, examining past, current and future trends and the potential for shaping wellness and health services in the 21st century.

Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively Make informed decisions by identifying the strengths and weaknesses of different tools Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity Understand the distributed systems research upon which modern databases are built Peek behind the scenes of major online services, and learn from their architectures

A showcase of the current culture and architecture, protagonists and ideas, and treatments and aims of twenty-first-century wellbeing. One of life's greatest pleasures is a day spent rejuvenating the body and nourishing the spirit. Humans have practiced self-care for centuries--in the sweat lodges of the American Southwest, Roman baths, the hammams of the Ottoman Empire, Japanese onsens, and Finnish saunas. Today, a new interest in self-care is redefining how we accomplish wellness, and there have never been more options. In our increasingly switched-on lives, a growing industry of highly choreographed experiences is geared to help us switch off. Be Well is a journey around the world's most extraordinary spaces for achieving this, looking at the innovative practices they offer and how to carry them into everyday life.

Therme Vals, the spa complex built in the Swiss Alps by celebrated architect Peter Zumthor, became an icon of contemporary architecture soon after its opening in 1996. Inspired by the spa's majestic surroundings, Zumthor built the structure on the sharp grade of an Alpine mountain slope with grass-topped roofs to mimic Swiss meadows, captured here in a series of sumptuous images. This is the only book-length study of this singular building. It features the architects own original sketches and plans for its design as well as striking photographs of the structure. Architectural scholar Sigrid Hauser contributes an essay drawing out the connections between the elemental nature of the spa and mythology, bathing, and purity. Annotations by Peter Zumthor on his design concept and the building process elucidate the structure's symbiotic relationship to its natural surroundings, revealing, for example, why he insisted on using locally quarried stone.

With over 180 color photographs and extensive commentary, this book showcases the beauty of Japanese inn, or ryokan. Featured are both old and new-from inns with a history dating back a thousand years to modern inns with the latest facilities that nonetheless capture the spirit of old Japan. Each of the properties has been handpicked by the authors for their strong design aesthetic, commitment to service and purity of their spring waters. The photographs showcase the resorts at their best, and accurately express the unique architectural design of each ryokan. Each chapter begins by introducing the area surrounding the inns and their spas, or onsen, and provides a background of its local history, culture and traditions, as well as the natural environment. The text provides information on the design and development of each

ryokan, and descriptions of the owners and their clientele. For those planning a visit to an onsen, this book provides contact details and information on the number of rooms, type of facilities and food, as well as vital information on travel and booking procedures and whether English is spoken. For those fascinated by Japanese culture and design, this book is an absolute delight.

Informing the designs of architects as diverse as Peter Zumthor, Steven Holl, Hans Scharoun and Colin St. John Wilson, the work of Martin Heidegger has proved of great interest to architects and architectural theorists. The first introduction to Heidegger's philosophy written specifically for architects and students of architecture introduces key themes in his thinking, which has proved highly influential among architects as well as architectural historians and theorists. This guide familiarizes readers with significant texts and helps to decodes terms as well as providing quick referencing for further reading. This concise introduction is ideal for students of architecture in design studio at all levels; students of architecture pursuing undergraduate and postgraduate courses in architectural theory; academics and interested architectural practitioners. Heidegger for Architects is the second book in the new Thinkers for Architects series.

The design of cities and buildings affects the quality of our lives. Making the built environment useful, safe, comfortable, efficient, and as beautiful as possible is a universal quest. We dream about how we might live, work, and play. From these dreams come some 95 percent of all private and public buildings; professional architects design only about 5 percent of the built environment. While much of what non-architects build is beautiful and useful, the ugliness and inconveniences that blight many urban areas demonstrate that an understanding of good architectural design is vital for creating livable buildings and public spaces. To help promote this understanding among non-architects, as well as among those considering architecture as a profession, award-winning architect and professor Hal Box explains the process of making architecture from concept to completed building, using real-life examples to illustrate the principles involved in designing buildings that enhance the quality of life for those who live with them. To cause what we build to become architecture, we have three choices: hire an architect, become an architect, or learn to think like an architect. Box believes that everyone should be involved in making architecture and has organized this book as a series of letters to friends and students about the process of creating architecture. He describes what architecture should be and do; how to look at and appreciate good buildings; and how to understand the design process, work with an architect, or become an architect. He also provides an overview of architectural history, with lists of books to read and buildings to see. For those involved in building projects, Box offers practical guidance about what goes into constructing a building, from the first view of the site to the finished building. For students thinking of becoming architects, he describes an architect's typical training and career path. And for the wide public audience interested in architecture and the built environment, Box addresses how architecture relates to the city, where the art of architecture is headed, and why good architecture matters. The evolution from yesterdays's bathroom to today's wellness oasis continues to open new frontiers. New spa areas as such can hardly be distinguished at first glance, and could as easily be taken for lounges, meditation rooms or even museums for modern art. Bath design will be increasingly marked by the identity of the user. The deployment of new technologies and materials, the treatment of light and color creates dream-worlds, in which it pays to immerse oneself. With its international selection of projects, Bath & Spa represents the spectrum ranging from small and intimate baths to wide open spa landscapes, all with their own invitation to immerse, relax and let go. With a multitude of design concepts this volume presents the coming together of solid and fluid elemets in architecture and interior design. The perfect balance between Japanese traditional culture and modern design concepts in the resorts in this book presents you both sensual and psychological appreciation of the affluent

spa culture of Japan, the spa kingdom in the world. With more than fifty well-known and distinguished Japanese resorts included, the book gives detailed illustration to the facilities and styles of the Japanese spas in each resort. From the interior design of the spacious and bright reception halls, the luxurious oceanfront guest rooms and the cosy wellness salons to the landscape design of the Japanese gardens, especially the individualised recuperative spa baths, all demonstrate the most avant-garde Japanese spa resort designs.

Illustrates some of the worlds most luxurious spa spaces.

Spa: The Sensuous Experience provides a timely exploration of 40 of the very best spas created over the years, from more recent examples to traditional destinations that have become classic icons in the spa world.

Summary TypeScript is JavaScript with an important upgrade! By adding a strong type system to JavaScript, TypeScript can help you eliminate entire categories of runtime errors. In TypeScript Quickly, you'll learn to build rock-solid apps through practical examples and hands-on projects under the expert instruction of experienced web developers Yakov Fain and Anton Moiseev. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Strong typing can eliminate nearly all errors caused by unanticipated data values. With TypeScript, an enhanced version of JavaScript, you can specify types and type annotations so your code is easier to read and far less likely to fail at runtime. And because the core of TypeScript is standard JavaScript, it runs on all major browsers and can be used with frameworks like Angular, Vue, and React. About the book TypeScript Quickly teaches you to exploit the benefits of types in browser-based and standalone applications. In this practical guide, you'll build a fascinating blockchain service app that takes you through a range of type-sensitive programming techniques. As you go, you'll also pick up valuable techniques for object-oriented programming with classes, interfaces, and advanced features such as decorators and conditional types. What's inside Mastering TypeScript syntax Using TypeScript with JavaScript libraries Tooling with Babel and Webpack Developing TypeScript apps using Angular, React, and Vue About the reader For web developers comfortable with JavaScript and HTML. About the author Yakov Fain and Anton Moiseev are experienced web developers. They have authored two editions of Manning's Angular Development with TypeScript. Table of Contents: PART 1 MASTERING THE TYPESCRIPT SYNTAX 1 ¦ Getting familiar with TypeScript 2 ¦ Basic and custom types 3 ¦ Object-oriented programming with classes and interfaces 4 ¦ Using enums and generics 5 ¦ Decorators and advanced types 6 ¦ Tooling 7 ¦ Using TypeScript and JavaScript in the same project PART 2 APPLYING TYPESCRIPT IN A BLOCKCHAIN APP 8 ¦ Developing your own blockchain app 9 ¦ Developing a browser-based blockchain node 10 ¦ Client-server communications using Node.js, TypeScript, and WebSockets 11 ¦ Developing Angular apps with TypeScript 12 ¦ Developing the blockchain client in Angular 13 ¦ Developing React.js apps with TypeScript 14 ¦ Developing a blockchain client in React.js 15 ¦ Developing Vue.js apps with TypeScript 16 ¦ Developing the blockchain client in Vue.js

Software services are established as a programming concept, but their impact on the overall architecture of enterprise IT and business operations is not well-understood. This has led to problems in deploying SOA, and some disillusionment. The SOA Source Book adds to this a collection of reference material for SOA. It is an invaluable resource for enterprise architects working with SOA.The SOA Source Book will help enterprise architects to use SOA effectively. It explains: What SOA is How to evaluate SOA features in business terms How to model SOA How to use The Open Group Architecture Framework (TOGAF™) for SOA SOA governance This book explains how TOGAF can help to make an Enterprise Architecture. Enterprise Architecture is an approach that can help management to understand this growing complexity.

Summary JavaScript Application Design: A Build First Approach introduces JavaScript developers to techniques that will improve the quality of their software as well as their web development workflow. You'll begin by learning how to establish build processes that are appropriate for JavaScript-driven development. Then, you'll walk through best practices for productive day-to-day development, like running tasks when your code changes, deploying applications with a single command, and monitoring the state of your application once it's in production. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book The fate of most applications is often sealed before a single line of code has been written. How is that possible? Simply, bad design assures bad results. Good design and effective processes are the foundation on which maintainable applications are built, scaled, and improved. For JavaScript developers, this means discovering the tooling, modern libraries, and architectural patterns that enable those improvements. JavaScript Application Design: A Build First Approach introduces techniques to improve software quality and development workflow. You'll begin by learning how to establish processes designed to optimize the quality of your work. You'll execute tasks whenever your code changes, run tests on every commit, and deploy in an automated fashion. Then you'll focus on designing modular components and composing them together to build robust applications. This book assumes readers understand the basics of JavaScript. What's Inside Automated development, testing, and deployment processes JavaScript fundamentals and modularity best practices Modular, maintainable, and well-tested applications Master asynchronous flows, embrace MVC, and design a REST API About the Author Nicolas Bevacqua is a freelance developer with a focus on modular JavaScript, build processes, and sharp design. He maintains a blog at ponyfoo.com. Table of Contents PART 1 BUILD PROCESSES Introduction to Build First Composing build tasks and flows Mastering environments and the development workflow Release, deployment, and monitoring PART 2 MANAGING COMPLEXITY Embracing modularity and dependency management Understanding asynchronous flow control methods in JavaScript Leveraging the Model-View-Controller Testing JavaScript components

REST API design and layered service architectures

Concise lessons in design, drawing, the creative process, and presentation, from the basics of "How to Draw a Line" to the complexities of color theory. This is a book that students of architecture will want to keep in the studio and in their backpacks. It is also a book they may want to keep out of view of their professors, for it expresses in clear and simple language things that tend to be murky and abstruse in the classroom. These 101 concise lessons in design, drawing, the creative process, and presentation—from the basics of "How to Draw a Line" to the complexities of color theory—provide a much-needed primer in architectural literacy, making concrete what too often is left nebulous or open-ended in the architecture curriculum. Each lesson utilizes a two-page format, with a brief explanation and an illustration that can range from diagrammatic to whimsical. The lesson on "How to Draw a Line" is illustrated by examples of good and bad lines; a lesson on the dangers of awkward floor level changes shows the television actor Dick Van Dyke in the midst of a pratfall; a discussion of the proportional differences between traditional and modern buildings features a drawing of a building split neatly in half between the two. Written by an architect and instructor who remembers well the fog of his own student days, 101 Things I Learned in Architecture School provides valuable guideposts for navigating the design studio and other classes in the architecture curriculum. Architecture graduates—from young designers to experienced practitioners—will turn to the book as well, for inspiration and a guide back to basics when solving a complex design problem.

An in-depth guide to exploring the design, architecture, and techniques behind building sophisticated, scalable, and maintainable single-page applications in JavaScript About This Book Build large-scale, feature-complete SPAs by leveraging widely used tools and techniques. Gain a solid understanding of architecture and SPA design to build applications using the library or framework of your choice. Explore the various facets of SPA development to build web apps that are fast, scalable, and easy to test. Who This Book Is For This book is ideal for JavaScript developers who want to build complex single-page applications in JavaScript. Some basic understanding of SPA concepts will be helpful but not essential. What You Will Learn Organize your development environment using the command line with NPM, Bower, and Grunt. Choose an accurate design pattern for your app Understand modular JavaScript programming and Node.js Interact with a REST API using JavaScript and AJAX with practical examples Build a single page application using the MEAN stack Connect your app across popular social media platforms such as Facebook, Twitter, and LinkedIn Test your app, both on the server side and in views Prepare your app for the real world and deploy it to Heroku In Detail Single-page web applications—or SPAs, as they are commonly referred to—are quickly becoming the de facto standard for web app development. The fact that a major part of the app runs inside a single web page makes it very interesting and appealing. Also, the accelerated growth

of browser capabilities is pushing us closer to the day when all apps will run entirely in the browser. This book will take your JavaScript development skills to the next level by teaching you to create a single-page application within a full-stack JavaScript environment. Using only JavaScript, you can go from being a front-end developer to a full-stack application developer with relative ease. You will learn to cross the boundary from front-end development to server-side development through the use of JavaScript on both ends. Use your existing knowledge of JavaScript by learning to manage a JSON document data store with MongoDB, writing a JavaScript powered REST API with Node.js and Express, and designing a front-end powered by AngularJS. This book will teach you to leverage the MEAN stack to do everything from document database design, routing REST web API requests, data-binding within views, and adding authentication and security to building a full-fledged, complex, single-page web application. In addition to building a full-stack JavaScript app, you will learn to test it with JavaScript-powered testing tools such as Mocha, Karma, and Jasmine. Finally, you will learn about deployment and scaling so that you can launch your own apps into the real world. Style and approach Following a structured approach, this book helps readers gain expertise in SPA development. Its thorough coverage of SPA architecture and design, along with practical use cases, provides readers with a clear path to building applications with the library of their choice. For readers who are afraid to take the plunge straightaway, the book also offers step-by-step guidance on developing a complex web app.

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