

The Architecture Of Open Source Applications Amy Brown

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Beautiful Code Greg Wilson 2007-06-26 How do the experts solve difficult problems in software development? In this unique and insightful book, leading computer scientists offer case studies that reveal how they found unusual, carefully designed solutions to high-profile projects. You will be able to look over the shoulder of major coding and design experts to see problems through their eyes. This is not simply another design patterns book, or another software engineering treatise on the right and wrong way to do things. The authors think aloud as they work through their project's architecture, the tradeoffs made in its construction, and when it was important to break rules. This book contains 33 chapters contributed by Brian Kernighan, Karl Fogel, Jon Bentley, Tim Bray, Elliotte Rusty Harold, Michael Feathers, Alberto Savoia, Charles Petzold, Douglas Crockford, Henry S. Warren, Jr., Ashish Gulhati, Lincoln Stein, Jim Kent, Jack Dongarra and PiotrLuszczek, Adam Kolawa, Greg Kroah-Hartman, Diomidis Spinellis, AndrewKuchling, Travis E. Oliphant, Ronald Mak, Rogerio Atem de Carvalho andRafael Monnerat, Bryan Cantrill, Jeff Dean and Sanjay Ghemawat, SimonPeyton Jones, Kent Dybvig, William Otte and Douglas C. Schmidt, AndrewPatzler, Andreas Zeller, Yukihiro Matsumoto, Arun Mehta, TV Raman,Laura Wingerd and Christopher Seiwald, and Brian Hayes. Beautiful Code is an opportunity for master coders to tell their story. All author royalties will be donated to Amnesty International.

A-State Department of Sustainability MR Steven a Reynolds 2014-05-17 A-State Department of Sustainability: Software Applications in Business Project A-State Department of Sustainability is a fictional organization in which the student works as the Executive Assistant. The project consists of 28 workdays (June 1 - July 8) during which students complete the following tasks: Create and update spreadsheets, databases, charts, graphs, an organizational chart and Gantt Chart; write business letters, memos, emails, a slogan, and press release; design a letterhead, brochure, advertisement, flyer, t-shirt, web site and blog; organize a global conference and conduct problem solving. Instructors may assign tutorials for software as needed. Tutorials are not included in the text. All assignments refer to "spreadsheet, database, word processing, ect." so the instructors/students can use their preferred software brands. Examples of how to format letters, memos, emails, and spreadsheets are included. In the optional research and presentation component students research and present topics related to global and domestic sustainability. This textbook has been designed for lower-level and upper-level courses and can be easily adapted for in-class or online use. From the author: I created this textbook while teaching Software Applications in Business because I could not find a suitable text. I have conducted many iterations of refinement during classroom use. Many years of industry experience together with a 15-year State University of New York tenure have enabled me to design a textbook that will meet the needs of instructors who wish to create a realistic experience which builds a skill set that students can confidently take into the workplace. Students have returned after graduation and told me this was a valuable class and they could immediately utilize the skills they developed during the class in their current jobs. For more information: <https://www.facebook.com/AStateDepartmentOfSustainability>

Full Stack Development with JHipster Deepu K Sasidharan 2020-01-23 Written by the core development team of JHipster and fully updated for JHipster 6, Java 11, and Spring Boot 2.1, this book will show you how to build modern web applications with real-world examples and best practices Key FeaturesBuild full stack applications with modern JavaScript frameworks such as Angular, React, and Vue.jsExplore the JHipster microservices stack, which includes Spring Cloud, Netflix OSS, and the Elastic StackLearn advanced local and cloud deployment strategies using Docker and KubernetesBook Description JHipster is an open source development platform that allows you to easily create web apps and microservices from scratch without spending time on wiring and integrating different technologies. Updated to include JHipster 6, Java 11, Spring Boot 2.1, Vue.js, and Istio, this second edition of Full Stack Development with JHipster will help you build full stack applications and microservices seamlessly. You'll start by understanding JHipster and its associated tools, along with the essentials of full stack development, before building a monolithic web app. You'll then learn the JHipster Domain Language (JDL) with entity modeling using JDL-Studio. With this book, you'll create production-ready web apps using Spring Boot, Spring Framework, Angular, and Bootstrap, and run tests and set up continuous integration pipelines with Jenkins. As you advance, you'll learn how to convert your monoliths to microservices and how to package your application for production with various deployment options, including Heroku and Google Cloud. You'll also learn about Docker and Kubernetes, along with an introduction to the Istio service mesh. Finally, you'll build your client-side with React and Vue.js and discover JHipster's best practices. By the end of the book, you'll be able to leverage the best tools available to build modern web apps. What you will learnCreate full stack apps from scratch using the latest features of JHipster 6 and Spring Boot 2.1Build business logic by creating and developing entity models using JDLUnderstand how to convert a monolithic architecture into a full-fledged microservices architectureBuild and package your apps for production using DockerDeploy your application to Google Cloud with KubernetesCreate continuous integration/continuous delivery pipelines with JenkinsCreate applications using Angular, React, and Vue.js client-side frameworksWho this book is for This book is for full stack developers who want to build web applications and microservices speedily without writing a lot of boilerplate code. If you're a backend developer looking to learn full stack development with JavaScript frameworks and libraries such as Angular, React, and Vue.js, you'll find this book useful. Experience in building Java web applications is required. Some exposure to the Spring Framework would be beneficial but not necessary to get the most out of this book.

Software Systems Architecture Rozanski 2005-09

Women in High Gear Anne Deeter Gallaher 2013-03 Is high gear attainable for today's women and the next generation? Yes! Women in High Gear is a first-of-its-kind look at how women in business, on-rampers, and aspiring executives can discern and discover a path to high gear. Whether that looks like financial independence, starting a business, ascending to the C-suite, securing a board seat, or making superconnections, high gear is clearly within reach. Entrepreneurs and small business owners Anne Deeter Gallaher and Amy D. Howell join forces in Women in High Gear to tell their stories of two divergent paths to reach the same goal. In 13 easy-to-read and easy-to-relate-to chapters, Amy and Anne lay out their own journeys to high gear and show how others can connect the dots for growth and success. They combine big business principles with small business DNA in hopes that their experiences will shorten the business learning curve of women. Living the realities of staying at home and staying on the fast track, Anne and Amy help women of all ages understand the necessities for emotional resilience, harnessing the softs skills, exhibiting leadership, mastering self-discipline, understanding the bottom line, connecting on social media, and building a personal brand. Wherever you stand in your business journey, Anne and Amy challenge you to charge ahead with confidence and fresh perspectives. The world needs what you have to offer-high gear awaits! Acclaim for Women in High Gear: "Anne Deeter Gallaher and Amy D. Howell are keenly attuned to the need for mentoring, guidance, and inspiration to help prepare current and future generations of women for leadership in business and society. In Women in High Gear, Anne and Amy have artfully woven their own high gear journeys to both mark a path for growth and to steer readers clear of roadblocks. They blend advice, personal experience, insight, and accountability in hopes of shortening the learning curves of other women." Kim S. Phipps, Ph.D. President, Messiah College "In a business world steeped in too much self-help blather, Amy and Anne stand up for accountability, distinctiveness, mental toughness, responsibility, hard work, compassion, and appropriate compromise-the values that forge great leaders. This book is inspiring, true, and even better-entertaining!" Mark. W. Schaefer College Educator, Entrepreneur, International Speaker, and Author of Return on Influence and The Tao of Twitter "Women in High Gear is proof of the power of storytelling-at which Anne Deeter Gallaher and Amy D. Howell excel. They turn their hard-won personal and professional experiences into illuminating and engaging examples for others to follow. Early and mid-career professionals will find High Gear immediately useful, but even seasoned executives (like me) will see in Amy and Anne's experiences new approaches to today's challenges." Kathleen A. Pavelko President/CEO, WITF, Harrisburg,

PA "This book is for anyone wanting to soar to higher goals in business." Philip H. Trenary CEO, Phil Trenary Associates; Former CEO, Pinnacle Airlines Corporation "After reading Women in High Gear, I immediately wrote out my high gear goals for the next five years. This book is for any woman with a big dream for her life!" Rachael Dymski Author "Wonder duo Anne and Amy provide valuable insight into how independent, driven women can dominate the professional business landscape." Susan R. Ewing Director of Social & Digital Media, Hershey Harrisburg Regional Visitors Bureau "Women in High Gear is the modern guide to overcoming obstacles and achieving success without breaking a sweat-and doing it all in 4-inch heels. Anne and Amy have hit a homerun!" Kaitlin Sawyer Public Relations/Marketing Professional, Hawaii

The 4 Stages of Psychological Safety Timothy R. Clark 2020-03-03 This book is the first practical, hands-on guide that shows how leaders can build psychological safety in their organizations, creating an environment where employees feel included, fully engaged, and encouraged to contribute their best efforts and ideas. Perhaps the leader's most challenging task is to increase intellectual friction while decreasing social friction. When this doesn't happen and it becomes emotionally expensive to say what you truly think and feel, that lack of psychological safety triggers the self-censoring instinct, shuts down learning, and blocks collaboration and creativity. Timothy R. Clark, a former CEO, Oxford-trained social scientist, and organizational consultant, provides a research-based framework to help leaders transform their organizations into sanctuaries of inclusion and incubators of innovation. When leaders cultivate psychological safety, teams and organizations progress through four successive stages. First, people feel included and accepted; then they feel safe to learn, contribute, and finally, challenge the status quo. Clark draws deeply on psychology, philosophy, social science, literature, and his own experiences to show how leaders can, and must, set the tone and model the ideal behaviors—as he says, "you either show the way or get in the way." This thoughtful and pragmatic guide demonstrates that if you banish fear, install true performance-based accountability, and create a nurturing environment that allows people to be vulnerable as they learn and grow, they will perform beyond your expectations.

The Art of Memory Forensics Michael Hale Ligh 2014-07-22 Memory forensics provides cutting edge technology to help investigate digital attacks Memory forensics is the art of analyzing computer memory (RAM) to solve digital crimes. As a follow-up to the best seller Malware Analyst's Cookbook, experts in the fields of malware, security, and digital forensics bring you a step-by-step guide to memory forensics—now the most sought after skill in the digital forensics and incident response fields. Beginning with introductory concepts and moving toward the advanced, The Art of Memory Forensics: Detecting Malware and Threats in Windows, Linux, and Mac Memory is based on a five day training course that the authors have presented to hundreds of students. It is the only book on the market that focuses exclusively on memory forensics and how to deploy such techniques properly. Discover memory forensics techniques: How volatile memory analysis improves digital investigations Proper investigative steps for detecting stealth malware and advanced threats How to use free, open source tools for conducting thorough memory forensics Ways to acquire memory from suspect systems in a forensically sound manner The next era of malware and security breaches are more sophisticated and targeted, and the volatile memory of a computer is often overlooked or destroyed as part of the incident response process. The Art of Memory Forensics explains the latest technological innovations in digital forensics to help bridge this gap. It covers the most popular and recently released versions of Windows, Linux, and Mac, including both the 32 and 64-bit editions.

The Fountainhead Ayn Rand 2005-04-26 The revolutionary literary vision that sowed the seeds of Objectivism, Ayn Rand's groundbreaking philosophy, and brought her immediate worldwide acclaim. This modern classic is the story of intransigent young architect Howard Roark, whose integrity was as unyielding as granite...of Dominique Francon, the exquisitely beautiful woman who loved Roark passionately, but married his worst enemy...and of the fanatic denunciation unleashed by an enraged society against a great creator. As fresh today as it was then, Rand's provocative novel presents one of the most challenging ideas in all of fiction—that man's ego is the fountainhead of human progress... "A writer of great power. She has a subtle and ingenious mind and the capacity of writing brilliantly, beautifully, bitterly...This is the only novel of ideas written by an American woman that I can recall."—The New York Times Open Sources 2.0 Chris DiBona 2005-10-21 Open Sources 2.0 is a collection of insightful and thought-provoking essays from today's technology leaders that continues painting the evolutionary picture that developed in the 1999 book Open Sources: Voices from the Revolution . These essays explore open source's impact on the software industry and reveal how open source concepts are infiltrating other areas of commerce and society. The essays appeal to a broad audience: the software developer will find thoughtful reflections on practices and methodology from leading open source developers like Jeremy Allison and Ben Laurie, while the business executive will find analyses of business strategies from the likes of Sleepycat co-founder and CEO Michael Olson and Open Source Business Conference founder Matt Asay. From China, Europe, India, and Brazil we get essays that describe the developing world's efforts to join the technology forefront and use open source to take control of its high tech destiny. For anyone with a strong interest in technology trends, these essays are a must-read. The enduring significance of open source goes well beyond high technology, however. At the heart of the new paradigm is network-enabled distributed collaboration: the growing impact of this model on all forms of online collaboration is fundamentally challenging our modern notion of community. What does the future hold? Veteran open source commentators Tim O'Reilly and Doc Searls offer their perspectives, as do leading open source scholars Steven Weber and Sonali Shah. Andrew Hessel traces the migration of open source ideas from computer technology to biotechnology, and Wikipedia co-founder Larry Sanger and Slashdot co-founder Jeff Bates provide frontline views of functioning, flourishing online collaborative communities. The power of collaboration, enabled by the internet and open source software, is changing the world in ways we can only begin to imagine. Open Sources 2.0 further develops the evolutionary picture that emerged in the original Open Sources and expounds on the transformative open source philosophy. "This is a wonderful collection of thoughts and examples by great minds from the free software movement, and is a must have for anyone who follows free software development and project histories." --Robin Monks, Free Software Magazine The list of contributors include Alolita Sharma Andrew Hessel Ben Laurie Boon-Lock Yeo Bruno Souza Chris DiBona Danese Cooper Doc Searls Eugene Kim Gregorio Robles Ian Murdock Jeff Bates Jeremy Allison Jesus M. Gonzalez-Barahona Kim Polese Larry Sanger Louisa Liu Mark Stone Mark Stone Matthew N. Asay Michael Olson Mitchell Baker Pamela Jones Robert Adkins Russ Nelson Sonali K. Shah Stephen R. Walli Steven Weber Sunil Saxena Tim O'Reilly Wendy Seltzer

Understanding Open Source and Free Software Licensing Andrew Laurent 2004 Describes the legal implications of open source and free software licensing and provides an explanation of what an open source software license actually is, and how to draft one for personal use.

Design Rules, Volume 1 Carliss Y. Baldwin 2000-03-02 We live in a dynamic economic and commercial world, surrounded by objects of remarkable complexity and power. In many industries, changes in products and technologies have brought with them new kinds of firms and forms of organization. We are discovering new ways of structuring work, of bringing buyers and sellers together, and of creating and using market information. Although our fast-moving economy often seems to be outside of our influence or control, human beings create the things that create the market forces. Devices, software programs, production processes, contracts, firms, and markets are all the fruit of purposeful action: they are designed. Using the computer industry as an example, Carliss Y. Baldwin and Kim B. Clark develop a powerful theory of design and industrial evolution. They argue that the industry has experienced previously unimaginable levels of innovation and growth because it embraced the concept of modularity, building complex products from smaller subsystems that can be designed independently yet function together as a whole. Modularity freed designers to experiment with different approaches, as long as they obeyed the established design rules. Drawing upon the literatures of industrial organization, real options, and computer architecture, the authors provide insight into the forces of change that drive today's economy.

Kizzy Ann Stamps Jeri Watts 2012-08-14 Taking things in stride is not easy for Kizzy Ann, but with her border collie, Shag, stalwart at her side, she sets out to live a life as sweet as syrup on cornbread. In 1963, as Kizzy Ann prepares for her first year at an integrated school, she worries about the color of her skin, the scar running from the corner of her right eye to the tip of her smile, and whether anyone at the white school will like her. She writes letters to her new teacher in a clear, insistent voice, stating her troubles and asking questions with startling honesty. The new teacher is supportive, but not everyone feels the same, so there is a lot to write about. Her brother, James, is having a far less positive school experience than she is, and the annoying white neighbor boy won't leave her alone. But Shag, her border collie, is her refuge. Even so, opportunity clashes with obstacle. Kizzy Ann knows she and Shag could compete well in the dog trials, but will she be able to enter? From Jeri Watts comes an inspiring middle-grade novel about opening your mind to the troubles and scars we all must bear — and facing life with hope and trust.

In Love Amy Bloom 2022-03-08 NEW YORK TIMES BESTSELLER • A powerful memoir of a love that leads two people to find a courageous way to part—and a woman's struggle to go forward in the face of loss—that "enriches the reader's life with urgency and gratitude" (The Washington Post) "A pleasure to read . . . Rarely has a memoir about death been so full of life. . . . Bloom has a talent for mixing the prosaic and profound, the slapstick and the serious."—USA Today ONE OF THE MOST ANTICIPATED BOOKS OF 2022—Oprah Daily, BookPage Amy Bloom began to notice changes in her husband, Brian: He retired early from a new job he loved; he withdrew from close friendships; he talked mostly about the past. Suddenly, it seemed there was a glass wall between them, and their long walks and talks stopped. Their world was altered forever when an MRI confirmed what they could no longer ignore: Brian had Alzheimer's disease. Forced to confront the truth of the diagnosis and its impact on the future he had envisioned, Brian was determined to die on his feet, not live on his knees. Supporting each other in their last

journey together, Brian and Amy made the unimaginably difficult and painful decision to go to Dignitas, an organization based in Switzerland that empowers a person to end their own life with dignity and peace. In this heartbreaking and surprising memoir, Bloom sheds light on a part of life we so often shy away from discussing—its ending. Written in Bloom's captivating, insightful voice and with her trademark wit and candor, *In Love* is an unforgettable portrait of a beautiful marriage, and a boundary-defying love.

Web 2.0: A Strategy Guide Amy Shuen 2008-04-23 Web 2.0 makes headlines, but how does it make money? This concise guide explains what's different about Web 2.0 and how those differences can improve your company's bottom line. Whether you're an executive plotting the next move, a small business owner looking to expand, or an entrepreneur planning a startup, *Web 2.0: A Strategy Guide* illustrates through real-life examples how businesses, large and small, are creating new opportunities on today's Web. This book is about strategy. Rather than focus on the technology, the examples concentrate on its effect. You will learn that creating a Web 2.0 business, or integrating Web 2.0 strategies with your existing business, means creating places online where people like to come together to share what they think, see, and do. When people come together over the Web, the result can be much more than the sum of the parts. The customers themselves help build the site, as old-fashioned "word of mouth" becomes hypergrowth. *Web 2.0: A Strategy Guide* demonstrates the power of this new paradigm by examining how: Flickr, a classic user-driven business, created value for itself by helping users create their own value Google made money with a model based on free search, and changed the rules for doing business on the Web-opening opportunities you can take advantage of Social network effects can support a business-ever wonder how FaceBook grew so quickly? Businesses like Amazon tap into the Web as a source of indirect revenue, using creative new approaches to monetize the investments they've made in the Web Written by Amy Shuen, an authority on Silicon Valley business models and innovation economics, *Web 2.0: A Strategy Guide* explains how to transform your business by looking at specific practices for integrating Web 2.0 with what you do. If you're executing business strategy and want to know how the Web is changing business, this book is for you.

Graph Algorithms Mark Needham 2019-05-16 Discover how graph algorithms can help you leverage the relationships within your data to develop more intelligent solutions and enhance your machine learning models. You'll learn how graph analytics are uniquely suited to unfold complex structures and reveal difficult-to-find patterns lurking in your data. Whether you are trying to build dynamic network models or forecast real-world behavior, this book illustrates how graph algorithms deliver value—from finding vulnerabilities and bottlenecks to detecting communities and improving machine learning predictions. This practical book walks you through hands-on examples of how to use graph algorithms in Apache Spark and Neo4j—two of the most common choices for graph analytics. Also included: sample code and tips for over 20 practical graph algorithms that cover optimal pathfinding, importance through centrality, and community detection. Learn how graph analytics vary from conventional statistical analysis Understand how classic graph algorithms work, and how they are applied Get guidance on which algorithms to use for different types of questions Explore algorithm examples with working code and sample datasets from Spark and Neo4j See how connected feature extraction can increase machine learning accuracy and precision Walk through creating an ML workflow for link prediction combining Neo4j and Spark

The Architecture of Open Source Applications, Volume II Amy Brown 2012 Architects look at thousands of buildings during their training, and study critiques of those buildings written by masters. In contrast, most software developers only ever get to know a handful of large programs well -- usually programs they wrote themselves -- and never study the great programs of history. As a result, they repeat one another's mistakes rather than building on one another's successes. This second volume of *The Architecture of Open Source Applications* aims to change that. In it, the authors of twenty-four open source applications explain how their software is structured, and why. What are each program's major components? How do they interact? And what did their builders learn during their development? In answering these questions, the contributors to this book provide unique insights into how they think.

Architectural Research Methods Linda N. Groat 2013-04-03 A practical guide to research for architects and designers—now updated and expanded! From searching for the best glass to prevent glare to determining how clients might react to the color choice for restaurant walls, research is a crucial tool that architects must master in order to effectively address the technical, aesthetic, and behavioral issues that arise in their work. This book's unique coverage of research methods is specifically targeted to help professional designers and researchers better conduct and understand research. Part I explores basic research issues and concepts, and includes chapters on relating theory to method and design to research. Part II gives a comprehensive treatment of specific strategies for investigating built forms. In all, the book covers seven types of research, including historical, qualitative, correlational, experimental, simulation, logical argumentation, and case studies and mixed methods. Features new to this edition include: Strategies for investigation, practical examples, and resources for additional information A look at current trends and innovations in research Coverage of design studio-based research that shows how strategies described in the book can be employed in real life A discussion of digital media and online research New and updated examples of research studies A new chapter on the relationship between design and research *Architectural Research Methods* is an essential reference for architecture students and researchers as well as architects, interior designers, landscape architects, and building product manufacturers.

Social Media Management Amy Van Looy 2015-09-14 This undergraduate textbook adopts the perspective of organizations - not individuals - and clarifies the impact of social media on their different departments or disciplines, while also exploring how organizations use social media to create business value. To do so, the book pursues a uniquely multi-disciplinary approach, embracing IT, marketing, HR and many other fields. Readers will benefit from a comprehensive selection of current topics, including: tools, tactics and strategies for social media, internal and external communication, viral marketing campaigns, social CRM, employer branding, e-recruiting, search engine optimization, social mining, sentiment analysis, crowdfunding, and legal and ethical issues.

The Hundred Secret Senses Amy Tan 2010-12-28 The "wisest and most captivating novel" (Boston Globe) from the author of the bestselling *The Valley of Amazement* and the new memoir *Where the Past Begins* Set in San Francisco and in a remote village of Southwestern China, Amy Tan's *The Hundred Secret Senses* is a tale of American assumptions shaken by Chinese ghosts and broadened with hope. In 1962, five-year-old Olivia meets the half-sister she never knew existed, eighteen-year-old Kwan from China, who sees ghosts with her "yin eyes." Decades later, Olivia describes her complicated relationship with her sister and her failing marriage, as Kwan reveals her story, sweeping the reader into the splendor and violence of mid-nineteenth century China. With her characteristic wisdom, grace, and humor, Tan conjures up a story of the inheritance of love, its secrets and senses, its illusions and truths.

Traveling with Sugar Amy Moran-Thomas 2019-11-26 *Traveling with Sugar* reframes the rising diabetes epidemic as part of a five-hundred-year-old global history of sweetness and power. Amid eerie injuries, changing bodies, amputated limbs, and untimely deaths, many people across the Caribbean and Central America simply call the affliction "sugar"—or, as some say in Belize, "traveling with sugar." A decade in the making, this book unfolds as a series of crónicas—a word meaning both slow-moving story and slow-moving disease. It profiles the careful work of those "still fighting it" as they grapple with unequal material infrastructures and unsettling dilemmas. Facing a new incarnation of blood sugar, these individuals speak back to science and policy misrecognitions that have prematurely cast their lost limbs and deaths as normal. Their families' arts of maintenance and repair illuminate ongoing struggles to survive and remake larger systems of food, land, technology, and medicine.

The Fearless Organization Amy C. Edmondson 2018-11-14 Conquer the most essential adaptation to the knowledge economy *The Fearless Organization: Creating Psychological Safety in the Workplace for Learning, Innovation, and Growth* offers practical guidance for teams and organizations who are serious about success in the modern economy. With so much riding on innovation, creativity, and spark, it is essential to attract and retain quality talent—but what good does this talent do if no one is able to speak their mind? The traditional culture of "fitting in" and "going along" spells doom in the knowledge economy. Success requires a continuous influx of new ideas, new challenges, and critical thought, and the interpersonal climate must not suppress, silence, ridicule or intimidate. Not every idea is good, and yes there are stupid questions, and yes dissent can slow things down, but talking through these things is an essential part of the creative process. People must be allowed to voice half-finished thoughts, ask questions from left field, and brainstorm out loud; it creates a culture in which a minor flub or momentary lapse is no big deal, and where actual mistakes are owned and corrected, and where the next left-field idea could be the next big thing. This book explores this culture of psychological safety, and provides a blueprint for bringing it to life. The road is sometimes bumpy, but succinct and informative scenario-based explanations provide a clear path forward to constant learning and healthy innovation. Explore the link between psychological safety and high performance Create a culture where it's "safe" to express ideas, ask questions, and admit mistakes Nurture the level of engagement and candor required in today's knowledge economy Follow a step-by-step framework for establishing psychological safety in your team or organization Shed the "yes-men" approach and step into real performance. Fertilize creativity, clarify goals, achieve accountability, redefine leadership, and much more. *The Fearless Organization* helps you bring about this most critical transformation.

Presence Amy Cuddy 2015-12-22 MORE THAN HALF A MILLION COPIES SOLD: Learn the simple techniques you'll need to approach your biggest challenges with confidence. Have you ever left a nerve-racking challenge and immediately wished for a do over? Maybe after a job interview, a performance, or a difficult conversation? The very moments that require us to be genuine and commanding can instead cause us to feel phony and powerless. Too

often we approach our lives' biggest hurdles with dread, execute them with anxiety, and leave them with regret. By accessing our personal power, we can achieve "presence," the state in which we stop worrying about the impression we're making on others and instead adjust the impression we've been making on ourselves. As Harvard professor Amy Cuddy's revolutionary book reveals, we don't need to embark on a grand spiritual quest or complete an inner transformation to harness the power of presence. Instead, we need to nudge ourselves, moment by moment, by tweaking our body language, behavior, and mind-set in our day-to-day lives. Amy Cuddy has galvanized tens of millions of viewers around the world with her TED talk about "power poses." Now she presents the enthralling science underlying these and many other fascinating body-mind effects, and teaches us how to use simple techniques to liberate ourselves from fear in high-pressure moments, perform at our best, and connect with and empower others to do the same. Brilliantly researched, impassioned, and accessible, Presence is filled with stories of individuals who learned how to flourish during the stressful moments that once terrified them. Every reader will learn how to approach their biggest challenges with confidence instead of dread, and to leave them with satisfaction instead of regret. "Presence feels at once concrete and inspiring, simple but ambitious — above all, truly powerful." —New York Times Book Review

Software Architecture: The Hard Parts Neal Ford 2021-09-23 There are no easy decisions in software architecture. Instead, there are many hard parts--difficult problems or issues with no best practices--that force you to choose among various compromises. With this book, you'll learn how to think critically about the trade-offs involved with distributed architectures. Architecture veterans and practicing consultants Neal Ford, Mark Richards, Pramod Sadalage, and Zhamak Dehghani discuss strategies for choosing an appropriate architecture. By interweaving a story about a fictional group of technology professionals--the Sysops Squad--they examine everything from how to determine service granularity, manage workflows and orchestration, manage and decouple contracts, and manage distributed transactions to how to optimize operational characteristics, such as scalability, elasticity, and performance. By focusing on commonly asked questions, this book provides techniques to help you discover and weigh the trade-offs as you confront the issues you face as an architect. Analyze trade-offs and effectively document your decisions Make better decisions regarding service granularity Understand the complexities of breaking apart monolithic applications Manage and decouple contracts between services Handle data in a highly distributed architecture Learn patterns to manage workflow and transactions when breaking apart applications

Mac OS X and iOS Internals Jonathan Levin 2012-11-05 An in-depth look into Mac OS X and iOS kernels Powering Macs, iPhones, iPads and more, OS X and iOS are becoming ubiquitous. When it comes to documentation, however, much of them are shrouded in mystery. Cocoa and Carbon, the application frameworks, are neatly described, but system programmers find the rest lacking. This indispensable guide illuminates the darkest corners of those systems, starting with an architectural overview, then drilling all the way to the core. Provides you with a top down view of OS X and iOS Walks you through the phases of system startup—both Mac (EFI) and mobile (iBoot) Explains how processes, threads, virtual memory, and filesystems are maintained Covers the security architecture Reviews the internal APIs used by the system—BSD and Mach Dissects the kernel, XNU, into its sub components: Mach, the BSD Layer, and I/O kit, and explains each in detail Explains the inner workings of device drivers From architecture to implementation, this book is essential reading if you want to get serious about the internal workings of Mac OS X and iOS.

Spies, Lies, and Algorithms Amy B. Zegart 2022-02 Intelligence challenges in the digital age : Cloaks, daggers, and tweets -- The education crisis : How fictional spies are shaping public opinion and intelligence policy -- American intelligence history at a glance--from fake bakeries to armed drones -- Intelligence basics : Knowns and unknowns -- Why analysis is so hard : The seven deadly biases -- Counterintelligence : To catch a spy -- Covert action - "a hard business of agonizing choices" -- Congressional oversight : Eyes on spies -- Intelligence isn't just for governments anymore : Nuclear sleuthing in a Google earth world -- Decoding cyber threats.

The Big Nine Amy Webb 2019-03-05 A call-to-arms about the broken nature of artificial intelligence, and the powerful corporations that are turning the human-machine relationship on its head. We like to think that we are in control of the future of "artificial" intelligence. The reality, though, is that we--the everyday people whose data powers AI--aren't actually in control of anything. When, for example, we speak with Alexa, we contribute that data to a system we can't see and have no input into--one largely free from regulation or oversight. The big nine corporations--Amazon, Google, Facebook, Tencent, Baidu, Alibaba, Microsoft, IBM and Apple--are the new gods of AI and are short-changing our futures to reap immediate financial gain. In this book, Amy Webb reveals the pervasive, invisible ways in which the foundations of AI--the people working on the system, their motivations, the technology itself--is broken. Within our lifetimes, AI will, by design, begin to behave unpredictably, thinking and acting in ways which defy human logic. The big nine corporations may be inadvertently building and enabling vast arrays of intelligent systems that don't share our motivations, desires, or hopes for the future of humanity. Much more than a passionate, human-centered call-to-arms, this book delivers a strategy for changing course, and provides a path for liberating us from algorithmic decision-makers and powerful corporations.

The Architecture of Open Source Applications Amy Brown 2011 Beschrijving van vijftientig open source applicaties.

Preserving Digital Materials Ross Harvey 2018-03-02 The third edition of Preserving Digital Materials provides a survey of the digital preservation landscape. This book is structured around four questions: 1. Why do we preserve digital materials? 2. What digital materials do we preserve? 3. How do we preserve digital materials? 4. How do we manage digital preservation? This is a concise handbook and reference for a wide range of stakeholders who need to understand how preservation works in the digital world. It notes the increasing importance of the role of new stakeholders and the general public in digital preservation. It can be used as both a textbook for teaching digital preservation and as a guide for the many stakeholders who engage in digital preservation. Its synthesis of current information, research, and perspectives about digital preservation from a wide range of sources across many areas of practice makes it of interest to all who are concerned with digital preservation. It will be of use to preservation administrators and managers, who want a professional reference text, information professionals, who wish to reflect on the issues that digital preservation raises in their professional practice, and students in the field of digital preservation.

Architectural Digest at 100 Architectural Digest 2019-10-08 A 100-year visual history of the magazine, showcasing the work of top interior designers and architects, and the personal spaces of numerous celebrities. Architectural Digest at 100 celebrates the best from the pages of the international design authority. The editors have delved into the archives and culled years of rich material covering a range of subjects. Ranging freely between present and past, the book features the personal spaces of dozens of private celebrities like Barack and Michelle Obama, David Bowie, Truman Capote, David Hockney, Michael Kors, and Diana Vreeland, and includes the work of top designers and architects like Frank Gehry, David Hicks, India Mahdavi, Peter Marino, John Fowler, Renzo Mongiardino, Oscar Niemeyer, Axel Vervoordt, Frank Lloyd Wright, and Elsie de Wolfe. Also included are stunning images from the magazine's history by photographers such as Bill Cunningham, Horst P. Horst, Simon Upton, Francois Dischinger, Francois Halard, Julius Shulman, and Oberto Gili. "The book is really a survey of how Americans have lived—and how American life has changed—over the past 100 years." ?Los Angeles Times "A Must-Have Book!" ?Interior Design Magazines "Written in the elevated quality that only the editors of Architectural Digest can master so well, AD at 100: A Century of Style is the world's newest guide to the best and brightest designs to inspire your next big home project." ?The Editorist

The Joy Luck Club Amy Tan 2006-09-21 "The Joy Luck Club is one of my favorite books. From the moment I first started reading it, I knew it was going to be incredible. For me, it was one of those once-in-a-lifetime reading experiences that you cherish forever. It inspired me as a writer and still remains hugely inspirational." —Kevin Kwan, author of Crazy Rich Asians Amy Tan's beloved, New York Times bestselling tale of mothers and daughters, now the focus of a new documentary Amy Tan: Unintended Memoir on Netflix Four mothers, four daughters, four families whose histories shift with the four winds depending on who's "saying" the stories. In 1949 four Chinese women, recent immigrants to San Francisco, begin meeting to eat dim sum, play mahjong, and talk. United in shared unspeakable loss and hope, they call themselves the Joy Luck Club. Rather than sink into tragedy, they choose to gather to raise their spirits and money. "To despair was to wish back for something already lost. Or to prolong what was already unbearable." Forty years later the stories and history continue. With wit and sensitivity, Amy Tan examines the sometimes painful, often tender, and always deep connection between mothers and daughters. As each woman reveals her secrets, trying to unravel the truth about her life, the strings become more tangled, more entwined. Mothers boast or despair over daughters, and daughters roll their eyes even as they feel the inextricable tightening of their matriarchal ties. Tan is an astute storyteller, enticing readers to immerse themselves into these lives of complexity and mystery.

The Copyeditor's Handbook Amy Einsohn 2011-08-15 Praise for the first and second editions: "The Copyeditor's Handbook brims with valuable information, good advice, and helpful suggestions for novice copyeditors and experienced practitioners. It is comforting to know that current and future copyeditors will be able to turn to this handbook. I'm placing this work, which fills a huge gap in the literature, right beside my dictionary, and will highly recommend it to all my colleagues and students." —Alice Levine, Lecturer, The Denver Publishing Institute, and freelance editor "A definite 'must have' for the beginning to intermediate editor or author, and even the experienced editor. An indispensable reference tool." —Kim Hawley, President, The Chicago Book Clinic "This is the book that every teacher of editing has been waiting for: thorough, clear, authoritative, up-to-date, and sane." —Beth Luey,

Director, Scholarly Publishing Program, Arizona State University "This book warms the cockles of the copyediting heart. It is thorough, useful, helpful, and smart. And it fills a huge vacuum." —Constance Hale, author of *Sin and Syntax* and *Wired Style* "An excellent resource. The Copyeditor's Handbook should sit on every business editor's shelf, next to the in-house style guide." —Erika Henik, Research Publications Manager, Banc of America Securities LLC "The first three chapters alone are worth the cover price. It's a book that acknowledges an assortment of vexing copyediting questions and offers multiple answers to most of them."—Gary Hernandez, Technical Communication "An excellent textbook to teach the essentials of copyediting. An excellent reference work for workplace writing."—Mark Armstrong, *Business Communication Quarterly* "Straightforward, sound advice for beginning or intermediate copyeditors working with pencil or online."—Priscilla S. Taylor, *The Editorial Eye* "Lays out the copyeditor's obligations with humor, style, and perspective."—Walter Pagel, *Science Editor*

Between Truth and Power Julie E. Cohen 2019 This work explores the relationships between legal institutions and political and economic transformation. It argues that as law is enlisted to help produce the profound economic and sociotechnical shifts that have accompanied the emergence of the informational economy, it is changing in fundamental ways.

Transacting As Art, Design and Architecture Marsha Bradfield 2022-01-10 An interdisciplinary anthology exploring alternatives to the principles of commercial markets that dominate contemporary life. The essays in this volume apply an experimental ethos to collaborative cultural production. Expanding the fields of art, design, and architectural research, contributors provide critical reflection on collaborative practice-based research. The volume builds on a pop-up market hosted by the London-based arts cluster *Critical Practice* that sought to creatively explore existing structures of evaluation and actively produce new ones. Assembled by lead editor Marsha Bradfield, the essays contextualize the event within London's long history of marketplaces, offer reflections from the stallholders, and celebrate its value system, particularly its critique of econometrics. A glossary rounds off the text and opens up the publication as a resource.

Software Architecture and Design Illuminated Kai Qian 2010 Computer Architecture/Software Engineering

Architecture in the Anthropocene Etienne Turpin 2013-11-25 "Research regarding the significance and consequence of anthropogenic transformations of the earth's land, oceans, biosphere and climate have demonstrated that, from a wide variety of perspectives, it is very likely that humans have initiated a new geological epoch, their own. First labeled the Anthropocene by the chemist Paul Crutzen, the consideration of the merits of the Anthropocene thesis by the International Commission on Stratigraphy and the International Union of Geological Sciences has also garnered the attention of philosophers, historians, and legal scholars, as well as an increasing number of researchers from a range of scientific backgrounds. *Architecture in the Anthropocene: Encounters Among Design, Deep Time, Science and Philosophy* intensifies the potential of this multidisciplinary discourse by bringing together essays, conversations, and design proposals that respond to the "geological imperative" for contemporary architecture scholarship and practice. Contributors include Nabil Ahmed, Meghan Archer, Adam Bobbette, Emily Cheng, Heather Davis, Sara Dean, Seth Denizen, Mark Dorrian, Elizabeth Grosz, Lisa Hirmer, Jane Hutton, Eleanor Kaufman, Amy Catania Kulper, Clinton Langevin, Michael C.C. Lin, Amy Norris, John Palmesino, Chester Rennie, François Roche, Ann-Sofi Rönnskog, Isabelle Stengers, Paulo Tavares, Etienne Turpin, Eyal Weizman, Jane Wolff, Guy Zimmerman."--Publisher's description.

Innovation Happens Elsewhere Ron Goldman 2005-04-25 It's a plain fact: regardless of how smart, creative, and innovative your organization is, there are more smart, creative, and innovative people outside your organization than inside. Open source offers the possibility of bringing more innovation into your business by building a creative community that reaches beyond the barriers of the business. The key is developing a web-driven community where new types of collaboration and creativity can flourish. Since 1998 Ron Goldman and Richard Gabriel have been helping groups at Sun Microsystems understand open source and advising them on how to build successful communities around open source projects. In this book the authors present lessons learned from their own experiences with open source, as well as those from other well-known projects such as Linux, Apache, and Mozilla. * Winner of 2006 Jolt Productivity Award for General Books * Describes how open source development works and offers persuasive reasons for using it to help achieve business goals. * Shows how to use open source in day-to-day work, discusses the various licenses in use, and describes what makes for a successful project. * Written in an engaging style for executives, managers, and engineers that addresses the human and business issues involved in open source development as well as its history, philosophy, and future

The Performance of Open Source Applications Tavish Armstrong 2013-09-26 In 1974, Donald Knuth wrote, "We should forget about small efficiencies, say about 97%% of the time: premature optimization is the root of all evil." With computers available now that are millions of times faster than those available then, today's programmers have even less reason to worry about shaving cycles and saving bytes than those a generation ago. But "less" isn't "none": every once in a while, squeezing the last ounce of performance out of the machine really does matter. This book is written by over a dozen developers who have grappled with slow code, memory leaks, or uncontrollable latency in open source software. They share their mistakes and successes, and give the reader an over-the-shoulder view of how they approached their specific challenges. With examples from bioinformatics research code to web browsers, the solutions are as varied as the problems. This book will help junior and senior developers alike understand how their colleagues think about performance.

500 Lines Or Less Amy Brown 2016-06-28 As we pointed out in *The Architecture of Open Source Applications*, architects look at thousands of buildings during their training, and study the critiques of many more. But most software developers only ever get to know a handful of programs well - usually programs they wrote themselves. This book provides you with the chance to study how 26 experienced programmers think when they are building something new. The programs you will read about in this book were all written from scratch to solve difficult problems. A web server, a pedometer, a Python interpreter, a web-based spreadsheet, and many more applications are written, in 500 lines of code or less, and described by their creators so that you can learn from their insights and their mistakes.

Literature and Architecture in Early Modern England Anne M. Myers 2013-01-01 Works by William Camden, Henry Wotton, Ben Jonson, Andrew Marvell, George Herbert, Anne Clifford, and John Evelyn, when considered as a group, are texts that overturn the engrained critical notion that a Protestant fear of idolatry sentenced the visual arts and architecture in England to a state of suspicion and neglect.

Data Analytics for Intelligent Transportation Systems Mashrur Chowdhury 2017-04-05 *Data Analytics for Intelligent Transportation Systems* provides in-depth coverage of data-enabled methods for analyzing intelligent transportation systems that includes detailed coverage of the tools needed to implement these methods using big data analytics and other computing techniques. The book examines the major characteristics of connected transportation systems, along with the fundamental concepts of how to analyze the data they produce. It explores collecting, archiving, processing, and distributing the data, designing data infrastructures, data management and delivery systems, and the required hardware and software technologies. Users will learn how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications, along with key safety and environmental applications for both commercial and passenger vehicles, data privacy and security issues, and the role of social media data in traffic planning. Includes case studies in each chapter that illustrate the application of concepts covered Presents extensive coverage of existing and forthcoming intelligent transportation systems and data analytics technologies Contains contributors from both leading academic and commercial researchers Explains how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications