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Drawdown John Wiley & Sons
The Washington Information Directory (WID) is a topically organized reference resource that lists contact information for federal agencies and nongovernmental organizations in the Washington metro area along with a brief paragraph describing what each organization does related to that topic. In addition, The Washington Information Directory pulls together 55 organization charts for federal agencies, congressional resources related to each chapter topic, hotline and contact information for various specific areas of interest (from Food Safety Resources to internships in Washington), and an

extensive list of active congressional caucuses and contact details.

Resources in Education John Wiley & Sons
"Covering both data architecture and data management issues, the book describes the impact of poor data practices, demonstrates more effective approaches, and reveals implementation pointers for quick results."--Jacket.

.NET Domain-Driven Design with C#
Penguin

This book examines seven key combinatorial engineering frameworks (composite schemes consisting of algorithms and/or interactive procedures) for hierarchical modular (composite) systems. These frameworks are based on combinatorial optimization problems (e.g., knapsack problem, multiple choice problem, assignment problem, morphological

clique problem), with the author 's version of morphological design approach – Hierarchical Morphological Multicriteria Design (HMMD) – providing a conceptual lens with which to elucidate the examples discussed. This approach is based on ordinal estimates of design alternatives for systems parts/components, however, the book also puts forward an original version of HMMD that is based on new interval multiset estimates for the design alternatives with special attention paid to the aggregation of modular solutions (system versions). The second part of ‘ Modular System Design and Evaluation ’ provides ten information technology case studies that enriches understanding of the design of system design, detection of system bottlenecks and system improvement, amongst others. The book is intended for researchers and scientists, students, and practitioners in many domains of information technology and engineering. The book is also designed to be used as a text for courses in system design, systems engineering and life cycle engineering at the level of undergraduate level, graduate/PhD levels, and for continuing education. The material and methods contained in this book were used over four years in Moscow Institute of Physics and Technology (State University) in the author 's faculty course “ System Design ” .

Teaming for Efficiency: Commercial buildings : technologies, design, performance analysis, and building industry trends CQ Press

Mason doesn't aim to be the one true Perl-based templating system for building web sites, but it's led many programmers to abandon their custom solutions when they've seen how much easier using Mason can be. It's a powerful, open source, Perl-based web site development and delivery engine,

with features that make it an ideal backend for high load sites serving dynamic content. Mason uses a concept called components: a mix of HTML, Perl, and special Mason commands. These components can be entire web pages, or bits of HTML that can be embedded in top-level components. Shared and reusable, these components greatly simplify site maintenance: when you change a shared component, you instantly change all pages that refer to it. Although using Mason isn't difficult, creating a Mason-based site can be tricky. *Embedding Perl in HTML with Mason*, written by members of Mason's core development team, shows you how to take advantage of Mason's strengths while avoiding the obstacles that inexperienced users may encounter. Mason's unique features, when used properly, can streamline the design of a web site or application. This concise book covers these features from several angles, and includes a study of the authors' sample site where these features are used. *Embedding Perl in HTML with Mason* shows you how to create large, complex, dynamically driven web sites that look good and are a snap to maintain. You'll learn how to visualize multiple Mason-based solutions to any given problem and select among them. The book covers the latest line of Mason development 1.1x, which has many new features, including line number reporting based on source files, sub-requests, and easier use as a CGI. The only book to cover this important tool, *Embedding Perl in HTML with Mason* is essential reading for any Perl programmer who wants to simplify web site design. Learn how to use Mason, and you'll spend more time making things work, and less time reinventing the wheel. *Conceptual Aircraft Design* Cisco Press Provides a Comprehensive Introduction to Aircraft Design with an Industrial Approach This book introduces readers to aircraft design, placing great emphasis on industrial practice. It includes worked out design examples for several different

classes of aircraft, including Learjet 45, Tucano Turboprop Trainer, BAe Hawk and Airbus A320. It considers performance substantiation and compliance to certification requirements and market specifications of take-off/landing field lengths, initial climb/high speed cruise, turning capability and payload/range. Military requirements are discussed, covering some aspects of combat, as is operating cost estimation methodology, safety considerations, environmental issues, flight deck layout, avionics and more general aircraft systems. The book also includes a chapter on electric aircraft design along with a full range of industry standard aircraft sizing analyses. Split into two parts, Conceptual Aircraft Design: An Industrial Approach spends the first part dealing with the pre-requisite information for configuring

aircraft so that readers can make informed decisions when designing vessels. The second part devotes itself to new aircraft concept definition. It also offers additional analyses and design information (e.g., on cost, manufacture, systems, role of CFD, etc.) integral to conceptual design study. The book finishes with an introduction to electric aircraft and futuristic design concepts currently under study. Presents an informative, industrial approach to aircraft design Features design examples for aircraft such as the Learjet 45, Tucano Turboprop Trainer, BAe Hawk, Airbus A320 Includes a full range of industry standard aircraft sizing analyses Looks at several performance substantiation and compliance to certification requirements Discusses the military requirements covering some combat aspects Accompanied by a website hosting

supporting material Conceptual Aircraft Design: An Industrial Approach is an excellent resource for those designing and building modern aircraft for commercial, military, and private use.

Land Resource Planning Assistance Act and the Energy Facilities Planning and Development Act

Packt Publishing Ltd

This book explains how educational research can inform the design of technology-enhanced learning environments. After laying pedagogical, technological and content foundations, it analyses learning in Web 2.0, Social Networking, Mobile Learning and Virtual Worlds to derive nuanced principles for technology-enhanced

learning design.

Building Migrant Cities in the Gulf IGI Global

The complete guide to provisioning and managing cloud-based Infrastructure as a Service (IaaS) data center solutions Cloud computing will revolutionize the way IT resources are deployed, configured, and managed for years to come. Service providers and customers each stand to realize tremendous value from this paradigm shift—if they can take advantage of it. Cloud Computing brings together the realistic, start-to-finish guidance they need to plan, implement, and manage cloud solution architectures for tomorrow ' s virtualized data centers. It introduces cloud “ newcomers ” to essential concepts, and offers experienced operations professionals detailed guidance on delivering

Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS). This book's replicable solutions and fully-tested best practices will help enterprises, service providers, consultants, and Cisco partners meet the challenge of provisioning end-to-end cloud infrastructures. Drawing on extensive experience working with leading cloud vendors and integrators, the authors present detailed operations workflow examples, proven techniques for operating cloud-based network, compute, and storage infrastructure; a comprehensive management reference architecture; and a complete case study demonstrating rapid, lower-cost solutions design. Cloud Computing will be an indispensable resource for all network/IT professionals and managers involved with planning,

implementing, or managing the next generation of cloud computing services. Venkata (Josh) Josyula, Ph.D., CCIE® No. 13518 is a Distinguished Services Engineer in Cisco Services Technology Group (CSTG) and advises Cisco customers on OSS/BSS architecture and solutions. Malcolm Orr, Solutions Architect for Cisco's Services Technology Solutions, advises telecoms and enterprise clients on architecting, building, and operating OSS/BSS and cloud management stacks. He is Cisco's lead architect for several Tier 1 public cloud projects. Greg Page has spent the last eleven years with Cisco in technical consulting roles relating to data center architecture/technology and service provider security. He is now exclusively focused on developing cloud/IaaS solutions with service providers and systems integrator

partners. · Review the key concepts needed to successfully deploy clouds and cloud-based services · Transition common enterprise design patterns and use cases to the cloud · Master architectural principles and infrastructure designs for “ real-time ” managed IT services · Understand the Cisco approach to cloud-related technologies, systems, and services · Develop a cloud management architecture using ITIL, TMF, and ITU-TMN standards · Implement best practices for cloud service provisioning, activation, and management · Automate cloud infrastructure to simplify service delivery, monitoring, and assurance · Choose and implement the right billing/chargeback approaches for your business · Design and build IaaS services, from start to finish · Manage the unique capacity challenges associated

with sporadic, real-time demand · Provide a consistent and optimal cloud user experience This book is part of the Networking Technology Series from Cisco Press®, which offers networking professionals valuable information for constructing efficient networks, understanding new technologies, and building successful careers. Category: Cloud Computing Covers: Virtualized Data Centers
Designing Azure Solutions John Wiley & Sons
The second edition of Construction Technology: Analysis and Choice has been expanded to include commercial buildings. This now covers, in a single textbook, all the basic forms of construction studied

on professional courses. The book takes as its theme the process of choice: what the expert has to know and how he/she might think through the decisions to be made about the design, production, maintenance and disposal of buildings. It is written with the conviction that by focusing on the process of choice, the range of theory and knowledge that is useful to practice becomes explicit, making the link between knowledge and practice, and between understanding and experience. The new edition has been updated throughout with extensive additions to Chapter 13: Manufacture and Assembly and to Chapter 15:

Sustainability. An entire new section has been added, covering all the main elements of commercial construction. Students will find here explanations of how environments, structural behaviour, production know-how, cost and social concerns such as sustainability can be taken into account in the choice of construction. They will also gain a clear understanding of the construction details and specifications adopted for both housing and commercial buildings in the UK at the beginning of the 21st century. Provides a framework to think through proposed solutions Sets the choice of solution in both

time and place, and in the context of sustainability Focuses on key questions: will the proposal fail; and can it be built? Considers a building ' s response to loading, environmental conditions and time Looks at the production process as manufacture and assembly Book website at www.wiley.com/go/bryanconstructiontech2e Contains nearly 200 fully referenced, clear line drawings to download for free, as well as suggested learning activities for lecturers to incorporate into their teaching programmes. Washington Information Directory 2021-2022 Springer Science & Business Media

This practical guide is a great solution to address the key problem how to implement ITSM and ISO 20000 when initial training has been completed. It supports the basic approaches to the fundamental processes – small to medium sized companies will find the concise, practical guidance easy to follow and implement. It avoids the complex, enterprise-wide issues which though valid are not a major issues for those organizations whose IT processes form only a small part of the service offering to customers. Each chapter has the following structure: Improvement activities Process inputs and outputs

Processes related to Tools and techniques Key Performance Indicators Critical Success Factors Improvement roles Benefits of effective Implementation challenges and considerations Typical assets and artifacts of an Improvement program

Industrial Water Resource

Management IGI Global

DrawdownPenguin

The Year-Round Solar Greenhouse "O'Reilly Media, Inc."

Marine Design XIII collects the contributions to the 13th

International Marine Design

Conference (IMDC 2018, Espoo, Finland, 10-14 June 2018). The aim

of this IMDC series of conferences is to promote all aspects of marine design as an engineering discipline. The focus is on key design challenges and opportunities in the area of current maritime technologies and markets, with special emphasis on:

- Challenges in merging ship design and marine applications of experience-based industrial design
- Digitalisation as technological enabler for stronger link between efficient design, operations and maintenance in future
- Emerging technologies and their impact on future designs
- Cruise ship and icebreaker designs including fleet compositions to meet

new market demands To reflect on the conference focus, Marine Design XIII covers the following research topic series:

- State of art ship design principles - education, design methodology, structural design, hydrodynamic design;
- Cutting edge ship designs and operations - ship concept design, risk and safety, arctic design, autonomous ships;
- Energy efficiency and propulsions - energy efficiency, hull form design, propulsion equipment design;
- Wider marine designs and practices - navy ships, offshore and wind farms and production.

Marine Design XIII contains 2 state-of-the-art reports on design methodologies and cruise ships design, and 4 keynote papers on new directions for vessel design practices and tools, digital maritime traffic, naval ship designs, and new tanker design for arctic. Marine Design XIII will be of interest to academics and professionals in maritime technologies and marine design.

Geothermal Resources Council
Bulletin Van Haren

This book will show you how to create robust, scalable, highly available and fault-tolerant solutions by learning different aspects of Solution architecture and next-generation architecture design in the Cloud environment.

Sustainable Commercial Interiors Springer
Database models developed by a team of leading Microsoft Access MVPs that provide ready-to-use solutions for sales, marketing, customer management and other key business activities for most small businesses. As the most popular relational database in the world, Microsoft Access is widely used by small business owners. This book responds to the growing need for resources that help business managers and end users design and build effective Access database solutions for specific business functions. Coverage includes: Elements of a Microsoft Access Database Relational Data Model Dealing with Customers and Customer Data Customer Relationship Management Database Solutions Marketing Database Solutions Sales Database Solutions Producing and

Tracking the Goods & Services Production and Manufacturing Database Solutions Inventory Management Database Solutions Services Database Solutions Tracking and Analyzing Financial Data 1 Accounting Systems: Requirements and Design Database Solutions Accounting: Budgeting, Analysis, and Reporting Database Solutions Managing Memberships Implementing the Models SQL Server and Other External Data Sources With this valuable guide and CD-ROM, you'll be on your way to implementing database solutions in no time
Microsoft Access Small Business Solutions John Wiley & Sons
8.8 Estimation of stream discharge
Maine Future Forest Economy Project
Transportation Research Board
Human history has seen many

settlements transformed or built entirely by expatriate work forces and foreigners arriving from various places. Recent migration patterns in the Gulf have led to emerging 'airport societies' on unprecedented scales. Most guest workers, both labourers and mid to high-income groups, perceive their stay as a temporary opportunity to earn suitable income or gain experience. This timely book analyses the essential characteristics of this unique urban phenomenon substantiated by concrete examples and empirical research. Both authors have lived and worked in the Gulf including Qatar, Bahrain and the United Arab Emirates during various periods between 2006 and 2014. They explore

Gulf cities from macro and interconnected perspectives rather than focusing solely on singular aspects within the built environment. As academic architects specialised in urbanism and the complex dynamics between people and places the authors build new bridges for understanding demographic and social changes impacting urban transformations in the Gulf.

Microsoft Access Small Business Solutions Drawdown

A comprehensive guide to exploring software architecture concepts and implementing best practices Key Features Enhance your skills to grow your career as a software architect Design efficient software architectures using patterns and best practices Learn how software

architecture relates to an organization as well as software development methodology. Book Description: The Software Architect's Handbook is a comprehensive guide to help developers, architects, and senior programmers advance their career in the software architecture domain. This book takes you through all the important concepts, right from design principles to different considerations at various stages of your career in software architecture. The book begins by covering the fundamentals, benefits, and purpose of software architecture. You will discover how software architecture relates to an organization, followed by identifying its significant quality attributes. Once you have covered the basics, you will explore design patterns, best practices, and paradigms for efficient software

development. The book discusses which factors you need to consider for performance and security enhancements. You will learn to write documentation for your architectures and make appropriate decisions when considering DevOps. In addition to this, you will explore how to design legacy applications before understanding how to create software architectures that evolve as the market, business requirements, frameworks, tools, and best practices change over time. By the end of this book, you will not only have studied software architecture concepts but also built the soft skills necessary to grow in this field. What you will learn: Design software architectures using patterns and best practices. Explore the different considerations for designing software architecture. Discover what it takes to continuously improve as a

software architect Create loosely coupled systems that can support change
Understand DevOps and how it affects software architecture Integrate, refactor, and re-architect legacy applications Who this book is for The Software Architect 's Handbook is for you if you are a software architect, chief technical officer (CTO), or senior developer looking to gain a firm grasp of software architecture.

NASA Conference Publication John Wiley & Sons

Chapter one. Introduction --
Chapter two. Results of initial survey of state departments of transportation -- Chapter three. Background information on project development and design methods --
Chapter four. Profiles of states with

practical design policies -- Chapter five. Findings, conclusions, and suggested research.

Research Anthology on Human Resource Practices for the Modern Workforce CRC Press

- New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world “ At this point in time, the Drawdown book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of

grounded hope.” —Per Espen Stoknes, Author, *What We Think About When We Try Not To Think About Global Warming* “ There ’ s been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom.” —David Roberts, *Voxa* “ This is the ideal environmental sciences textbook—only it is too interesting and inspiring to be called a textbook.” —Peter Kareiva, Director of the Institute of the Environment and Sustainability, UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred

techniques and practices are described here—some are well known; some you may have never heard of. They range from clean energy to educating girls in lower-income countries to land use practices that pull carbon out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth ’ s warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being—giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

Financial Services and General Government Appropriations for 2011: Independent agencies FY 2011 budget justifications Packt Publishing Ltd
Design an effective Azure architecture and transform your IT business solutions
About This Book* Champion the skills of designing Azure networking and storage services* Secure your confidential data by designing an effective security solution for your organization* A comprehensive and practical guide that teaches you how to design a successful and apt architecture
Who This Book Is For
The book is for application architects, IT consultants, developers, and solutions architects who want to learn to design an

architectural Azure solution for their organization.
What you will learn*
Design and migrate an infrastructure solution to Azure* Plan your move to Microsoft Azure whether it's data center or a single solution* Explore different deployment options for web and mobile solutions on Azure* Understand Azure Governance and Security* Design your business continuity and disaster recovery plan in Azure* Manage and monitor your workloads on Microsoft Azure and/or Hybrid
In Detail
Azure provides cloud-based solutions to support the demands of your business. Building and running your solutions on Azure helps the business maximize their return on investment and minimize their total

cost of ownership. This book focuses on addressing the architectural decisions that usually arise when you are designing or migrating a solution to Microsoft Azure. You will start by designing the building blocks of Infrastructure solution on Azure, such as Azure compute, storage, and networking, and you'll explore the database options available in Microsoft Azure. You will get to grips with designing scalable web and mobile solutions and understand where to host your Active Directory/Identity Solution. Moving on, you'll find out how to extend your DevOps to Azure. You'll benefit from some exciting services that enable extremely smooth operations and streamlined dev-ops between on premises and cloud. You will then design a secure environment for your solution whether on cloud or hybrid. Towards the end, you will learn how to manage and monitor cloud and hybrid solutions. This book will arm you with all the tools and knowledge you need to properly plan and design your solution on Azure, whether it's a brand new project or a migration project.

Software Architect 's Handbook John Wiley & Sons

"This course is specifically for participants to measure their knowledge and skills on making the appropriate job role decisions around designing database solutions for Microsoft SQL Server 2012. This course is designed for Database

professionals who design and build database solutions. These Database professionals are responsible for the creation of plans and designs for Database structure, storage, objects, and servers, as well as creating the plan for the environment in which the database solution runs."--Resource description page.