Salesforce Web Service Api Developers Guide

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Salesforce Handbook - Wes Nolte 2011-03-01
This book is not intended to be a deep-dive on security, programming, reporting, configuration, etc. but more of a high-level overview on salesforce.com, Force.com development, tools, methodology and other resources. We will not cover all aspects of salesforce.com. We wrote this book to (hopefully) become an invaluable resource for anyone new or inexperienced with the Force.com platform. For new administrators and developers coming on to the platform, we see a gaping hole in existing reference books. This book is not intended for end users or advanced developers. This book is for people somewhere in the middle; let's say a business analyst or a new Java or .NET developer. We would like this to be the first book you pick up after your boss walks in and says, "Let's take a look at salesforce.com and see if we can build some applications in the cloud."This book contains the information that we wish we had when we started developing applications on Force.com.
Advanced API Security - Prabath Siriwardena 2017-10-08
This book will prepare you to meet the next wave of challenges in enterprise security, guiding you through and sharing best practices for designing APIs for rock-solid security. It will explore different security standards and protocols, helping you choose the right option for your needs. Advanced API Security, Second Edition explains in depth how to secure APIs from traditional HTTP Basic Authentication to OAuth 2.0 and the standards built around it. Keep your business thriving while keeping enemies away. Build APIs with rock-solid security. The book takes you through the best practices in designing APIs for rock-solid security, provides an in depth understanding of most widely adopted security standards for API security and teaches you how to compare and contrast different security standards/protocols to find out what suits your business needs, the best. This new edition enhances all the topics discussed in its predecessor with the latest up to date information, and provides more focus on beginners to REST, JSON, Microservices and API security. Additionally, it covers how to secure APIs for the Internet of Things (IoT). Audience: The Advanced API Security 2nd Edition is for Enterprise Security Architects and Developers who are designing, building and managing APIs. The book will provide guidelines, best practices in designing APIs and threat mitigation techniques for Enterprise Security Architects while developers would be able to gain hands-on experience by developing API clients against Facebook, Twitter, Salesforce and many other cloud service providers. What you'll learn • Build APIs with rock-solid security by understanding best practices and design guidelines.• Compare and contrast different security standards/protocols to find out what suits your business needs, the best.• Expand business APIs to partners and outsiders with Identity Federation.• Get hands-on experience in developing clients against Facebook, Twitter, and Salesforce APIs.• Understand and learn how to secure Internet of Things.
An Architectural and Practical Guide to IBM Hybrid Integration Platform - Carsten

Börnert 2017-01-12
In order to remain competitive in today's world, companies need to be able to integrate internally and externally by connecting sensors, customers and partners with the information in their systems of record. In short, they need to integrate with everything. This IBM® Redbooks® publication describes how IBM Application Integration Suite and IBM Messaging portfolio can be used to satisfy the needs of core hybrid integration use cases, accelerating companies in their digital transformation journey. All concepts are explained within the context of these use cases: Joining the API economy Improving productivity Refactoring for innovation The target audience for this book is cloud and integration architects and specialists who are implementing hybrid integration solutions.

Force.com Enterprise Architecture - Andrew Fawcett 2017-03-31
Architect and deliver packaged Force.com applications that cater to enterprise business needs About This Book Explore the lightning framework, advanced application life cycle processes, and testing Use the Force.com platform to build truly integrated, scalable, and robustly engineered applications focused on enterprise-level customer demands Using the Lightning technology to deliver modern and responsive user experiences targeting multiple devices through Lightning Experience and Salesforce1 Mobile. Step-by-step, work on examples to get you building your own ready-to-install packaged application Who This Book Is For This book is for advanced Force.com developers and architects who need to understand the Salesforce platform from the perspective of enterprise-level requirements. A prior understanding of Apex and Visualforce is a must. Those familiar with other enterprise software ecosystems will also find this book ideal as they adopt Force.com. What You Will Learn Package, install, test, and upgrade an application Define architecture-aligning data storage and functional requirements Develop Apex code that is easy to navigate, self-documenting, testable, robust, and organic Leverage your application's clientagnostic Service layer backbone to support numerous platform areas Get the most from hosting your application within the Lightning Experience and Salesforce1 Mobile clients Apply querying, indexing, and asynchronous best practices Leverage mocking and dependency injection in your Apex tests Explore tips for developing advanced applications In Detail Companies of all sizes have seen the need for Force.com's architectural strategy focused on enabling their business objectives. Successful enterprise applications require planning, commitment, and investment in the best tools, processes, and features available. This book will teach you how to architect and support enduring applications for enterprise clients with Salesforce by exploring how to identify architecture needs and design solutions based on industry standard patterns. There are several ways to build solutions on Force.com, and this book will guide you through a logical path and show you the steps and considerations required to build packaged solutions from start to finish. It covers all aspects, from engineering to getting your application into the hands of your customers, and ensuring that they get the best value possible from your Force.com application. You will get acquainted with extending tools such as Lightning App Builder, Process Builder, and Flow with your own application logic. In addition to building your own application API, you will learn the techniques required to leverage the latest Lightning technologies on desktop and mobile platforms. Style and approach The book takes a straightforward approach, taking apart the Force.com architecture for you to gain a deep understanding of how you can implement the Salesforce platform based on enterprise-level requirements.

Professional SharePoint 2013 Development eBook and SharePoint-videos.com Bundle - Reza Alirezaei 2014-03-10
Beginning SharePoint 2013 Development eBook and SharePoint-videos.com Bundle

Professional Heroku Programming - Chris Kemp 2013-01-22
A complete guide to building and deploying web apps withHeroku A cloud application platform, Heroku is currently the onlyapproved platform for creating apps within Facebook, and its numberof users is growing at rapid pace. However, there are very fewbooks on the market that offer professional-level coverage of

thisplatform, until now. The author duo begins with an introduction tothe Heroku platform and its associated core concepts and then goeson to explain how writing for this platform differs from that oftraditional development systems. Example applications, additionalresources, and advice for your next steps round out this resource,making it a thorough, indispensable guide. Features information not found anywhere else, as both authorswork for Heroku Explains the inner workings of Heroku with special emphasisplaced on building web and mobile applications Introduces GIT-based development workflow and the process modelwithin the Heroku platform Details coding, building, deploying, and scaling effectivelyusing the Heroku tool base Providing you with fully functional code and downloadable codeexamples, Professional Heroku Programming is your completeguide to mastering this platform.

Guide to Success with Novell Data Synchronizer - Uwe Carsten Krause 2011
This book is for everyone who needs to synchronize collaboration data across multiple applications. It introduces Novell Data Synchronizer and provides a concise introduction to this innovative technology. It covers installation and configuration as well as troubleshooting techniques. The Mobility connector, which is now a must-have solution for all GroupWise installations, is discussed in detail. Synchronizing to customer relations management (CRM) applications is also covered. After reading this book, you will be able to design, install, and maintain a multiapplication environment successfully.

Dynamic Network Notation: A Graphical Modeling Language to Support the Visualization and Management of Network Effects in Service Platforms - Ulrich Scholten 2014-10-16
Service platforms have moved into the center of interest in both academic research and the IT industry due to their economic and technical impact. These multitenant platforms provide own or third party software as metered, on-demand services. Corresponding service offers exhibit network effects. The present work introduces a graphical modeling language to support service platform design with focus on the exploitation of these network effects.

Learning Amazon Web Services (AWS) - Mark Wilkins 2019-07-02
The Practical, Foundational Technical Introduction to the World's #1 Cloud Platform Includes access to several hours of online training video: Mark Wilkins' expert training video library guides you through setting up core services and prepares you to deploy your own apps and resources. Learning Amazon Web Services (AWS) is the perfect foundational resource for all administrators, developers, project managers, and other IT professionals who want to plan and deploy AWS services and/or earn AWS certification. Top cloud trainer and evangelist Mark Wilkins teaches best practices that align with Amazon's Well-Architected Framework, introduces key concepts in the context of a running case study, carefully explains how core AWS services operate and integrate, and offers extensively tested tips for maximizing flexibility, security, and value. Companion online videos guide you step-by-step through setting AWS compute, storage, networking, scale, security, automation, and more. Balance cost, compliance, and latency in your service designs Choose the right networking options for your virtual private cloud (VPC) Build, host, launch, manage, and budget for EC2 compute services Plan for scale and resiliency, and make informed decisions about AWS storage Enforce strict security, and automate to improve operational efficiency This book with companion training videos is a valuable learning tool for anyone seeking to demonstrate expertise through formal certification. WEB EDITION: All buyers of the book or ebook can register your book for access to a free online Web Edition of this title, which included videos embedded within the text, plus updates as they become available.

Salesforce Lightning Platform Enterprise Architecture - Andrew Fawcett 2019-11-04
A comprehensive guide filled with best practices and tailor-made examples - a must-read for all Lightning Platform architects! Key FeaturesUse the Lightning Platform to build integrated, scalable, and robust apps focused on enterprise-level customer demandsUse the Lightning Component framework to deliver modern and responsive user experiences targeting multiple devices through Lightning Experience and

Salesforce MobileExtend your application with access to external services and AIBook Description Salesforce Lightning provides a secure and scalable platform to build, deploy, customize, and upgrade applications. This book will take you through the architecture of building an application on the Lightning platform to help you understand its features and best practices, and ensure that your app keeps up with your customers' increasing needs as well as the innovations on the platform. This book guides you in working with the popular aPaaS offering from Salesforce, the Lightning Platform. You'll see how to build and ship enterprise-grade apps that not only leverage the platform's many productivity features, but also prepare your app to harness its extensibility and customization capabilities. You'll even get to grips with advanced application architectural design patterns such as Separation of Concerns, Unit Testing and Dependency Integration. You will learn to use Apex and JavaScript with Lightning Web Components, Platform Events, among others, with the help of a sample app illustrating patterns that will ensure your own applications endure and evolve with the platform. Finally, you will become familiar with using Salesforce DX to develop, publish, and monitor a sample app and experience standard application life cycle processes along with tools such as Jenkins to implement CI/CD. By the end of this book, you will have learned how to develop effective business apps and be ready to explore innovative ways to meet customer demands. What you will learnCreate and deploy AppExchange packages and manage upgradesUnderstand Enterprise Application Architecture patternsCustomize mobile and desktop user experience with Lightning Web ComponentsManage large data volumes with asynchronous processing and big data strategiesImplement Source Control and Continuous IntegrationAdd AI to your application with EinsteinUse Lightning External Services to integrate external code and data with your Lightning ApplicationWho this book is for This book is for Lightning platform developers who want to discover the true potential of the platform to develop complex scalable applications for use in enterprise businesses.

Salesforce Platform App Builder Certification Handbook - Siddhesh Kabe 2016-04-26 A handy guide that covers the most essential topics for Salesforce Platform App Builder Certification in an easy-to-understand format About This Book Get to grips with the fundamentals of Force.com to pass the certification exam with flying colors Create Force.com applications, automate business processes, and manage data operations to be a successful Salesforce.com Certified Force.com app builder A step-by-step guide that covers the most essential topics for the Platform App Builder Certification in an easy-to-understand format Who This Book Is For Salesforce beginners who need to prepare for the Salesforce Platform App Builder Certification exam will benefit from this book. This book is ideal for developers and admins who are new to Salesforce CRM and the Force.com platform. It is recommended that users have some basic programming knowledge and are familiar with salesforce. By the end of the book, you will be ready to appear for the exam and develop various applications on the cloud platform. What You Will Learn Learn the basics of the force.com cloud platform Learn to build objects that align with your business Understand the process of building an application on force.com platform Kick-start your certification journey in basic-easy-to-follow guide Focus on important topics that help you accomplish your certification goals Learn to secure your application with the Salesforce security model Manipulate and process large amount of data using the data tools Prepare for the exam with sample mock questions In Detail The Salesforce Certified Platform App Builder exam is for individuals who want to demonstrate their skills and knowledge in designing, building, and implementing custom applications using the declarative customization capabilities of Force.com. This book will build a strong foundation in Force.com to prepare you for the platform app builder certification exam. It will guide you through designing the interface while introducing the Lightning Process Builder. Next, we will implement business logic using various point and click features of Force.com. We will learn to manage data and create reports and dashboards. We will then learn to administer the force.com application by

configuring the object-level, field-level, and record-level security. By the end of this book, you will be completely equipped to take the Platform App Builder certification exam. Style and approach Simple and to-the-point examples that can be tried out in your developer org. A practical book for professionals who want to take the Salesforce Platform App Builder Certification exam. Sample questions for every topic in an exam pattern to help you prepare better, and tips to get things started. Full of screen-shots, diagrams, and clear step-by-step instructions that cover the entire syllabus for the exam.

Microsoft SQL Azure Enterprise Application Development - Jayaram Krishnaswamy 2010-12-09
Build enterprise-ready applications and projects with Microsoft SQL Azure using this book and eBook.

Professional SharePoint 2013 Development - Reza Alirezaei 2013-02-22
Thorough coverage of development in SharePoint 2013 A team of well-known Microsoft MVPs joins forces in this fully updated resource, providing you with in-depth coverage of development tools in the latest iteration of the immensely popular SharePoint. From building solutions to building custom workflow and content management applications, this book shares field-tested best practices on all aspect of SharePoint 2013 development. Offers a thorough look at Windows Azure and SharePoint 2013 Includes new chapters on Application Life Cycle Management, developing apps in SharePoint, and building PerformancePoint Dashboards in SharePoint Professional SharePoint 2013 Development is an essential SharePoint developer title.

Leveraging Web Services - John Edwards 2004
"Web services are a group of closely related, emerging technologies based on an open, Internet-centric infrastructure. They are the driving force that makes corporate portals work, and the best, most economic way of making content and services available to everyone within a corporation, as well as all of its suppliers and customers. And web services is the only area of IT seeing any increase in spending over the foreseeable future. Leveraging Web Services helps CEOs, CIOs, CTOs, and senior managers understand how web services can be applied to their own organizations. The book uses case studies and interviews to take readers inside top real-world enterprises that have conceptualized, developed, and implemented this new technology. From stock quotes, content syndication and mapping services, to payroll management, business intelligence, shipping and logistics and other applications, making the most of web services can open up huge possibilities. Featuring examples from Oracle, Microsoft, Sun Microsystems, Procter & Gamble, and Amazon.com, Leveraging Web Services offers a compelling examination of how the technology can be used for superior results."

Mashups - J. Jeffrey Hanson 2009-05-05
Creating Enterprise-Quality Web 2.0 Mashups: The Complete How-To Guide Mashups give businesses powerful new ways to leverage today's massive public and private data resources for competitive advantage. In Mashups: Strategies for the Modern Enterprise, J. Jeffrey Hanson brings together all the knowledge enterprise developers need to create mashups that are reliable, secure, flexible, and effective. Using detailed sample code and third-party tools, Hanson walks readers through every step of creating a working enterprise mashup, as well as every component: presentation, process, data, and infrastructure. He surveys the styles, technologies, and standards used in mashup development, identifying key trade-offs and helping you choose the best options for your environment. You'll learn how to overcome technical and business concerns associated with mashups, apply proven mashup patterns, and much more. Coverage includes Understanding and using presentation-oriented, data-oriented, process-oriented, or hybrid mashup styles Identifying the optimal uses for mashups in your environment Up-front planning: requirements, constraints, and security considerations; stability, reliability, and performance issues Creating an enterprise mashup, step by step: design, identification of services and data sources, and more Creating effective frameworks for mashup mediation and monitoring Applying proven patterns to your enterprise mashup infrastructure Securing mashups: validation, HTML sanitization, protecting iframes, and avoiding common

attacks, such as cross-site request forgery Building mashups with third-party tools for Google, Oracle, Salesforce.com, Amazon, and other environments Developing an open, agile environment that supports rapid, flexible development of new mashups Also of interest: The companion book, Mashup Patterns: Designs and Examples for the Modern Enterprise by Mike Ogrinz (Addison-Wesley), is an indispensable guide to patterns, with insights for making mashups work in production environments.

Designing Evolvable Web APIs with ASP.NET - Glenn Block 2014-03-13
Design and build Web APIs for a broad range of clients—including browsers and mobile devices—that can adapt to change over time. This practical, hands-on guide takes you through the theory and tools you need to build evolvable HTTP services with Microsoft's ASP.NET Web API framework. In the process, you'll learn how design and implement a real-world Web API. Ideal for experienced .NET developers, this book's sections on basic Web API theory and design also apply to developers who work with other development stacks such as Java, Ruby, PHP, and Node. Dig into HTTP essentials, as well as API development concepts and styles Learn ASP.NET Web API fundamentals, including the lifecycle of a request as it travels through the framework Design the Issue Tracker API example, exploring topics such as hypermedia support with collection+json Use behavioral-driven development with ASP.NET Web API to implement and enhance the application Explore techniques for building clients that are resilient to change, and make it easy to consume hypermedia APIs Get a comprehensive reference on how ASP.NET Web API works under the hood, including security and testability

Mastering Salesforce CRM Administration - Rakesh Gupta 2017-03-27
Learn about the Advanced Administration Certification Examination and build a successful career in Salesforce administration About This Book Build your skills and knowledge to crack the Advanced Admin Certification Examination Leverage the advanced administration capabilities of Salesforce and Salesforce1 Optimize and extend Sales Cloud and Service Cloud applications Who This Book Is For This book is written for Salesforce admins who are looking to gain an in-depth knowledge of the Salesforce platform and grow their value in their organization. It will teach them to implement and design advanced business process automation for the benefit of their organization. What You Will Learn Adopt Lightning Experience to improve the productivity of your organization's sales team Create and maintain service entitlements and entitlement processes Process Builder basic and advanced concepts Different ways to deploy applications between environments Best practices for improving and enriching data quality In Detail The book starts by refreshing your knowledge of common admin tasks. You will go over Lightning Experience and various security aspects. You will be shown how to implement territory management in your organization and make use of custom objects. From here, the book progresses to advanced configuration, data management, and data analytics before swiftly moving on to setting up advanced organization-wide features that affect the look and feel of the application. Extend the capabilities of your organization's Salesforce implementation by optimizing and extending Sales Cloud, Salesforce1, and Service Cloud applications. This guide will equip you with the tools you need to build a successful career in Salesforce. Style and approach The book takes a straightforward, no-nonsense approach to working with the Salesforce CRM platform. It is filled with examples, advanced use cases, and all the resources you need to be a Salesforce Jedi.

Handbook of Computational Social Science, Volume 2 - Uwe Engel 2021-11-10
The Handbook of Computational Social Science is a comprehensive reference source for scholars across multiple disciplines. It outlines key debates in the field, showcasing novel statistical modeling and machine learning methods, and draws from specific case studies to demonstrate the opportunities and challenges in CSS approaches. The Handbook is divided into two volumes written by outstanding, internationally renowned scholars in the field. This second volume focuses on foundations and advances in data science, statistical modeling, and machine learning. It covers a range of key issues, including the management of big data in terms

of record linkage, streaming, and missing data. Machine learning, agent-based and statistical modeling, as well as data quality in relation to digital trace and textual data, as well as probability, non-probability, and crowdsourced samples represent further foci. The volume not only makes major contributions to the consolidation of this growing research field, but also encourages growth into new directions. With its broad coverage of perspectives (theoretical, methodological, computational), international scope, and interdisciplinary approach, this important resource is integral reading for advanced undergraduates, postgraduates, and researchers engaging with computational methods across the social sciences, as well as those within the scientific and engineering sectors.

Mastering Cross-Platform Development with Xamarin - Can Bilgin 2016-03-31
Master the skills required to steer cross-platform applications from drawing board to app store(s) using Xamarin About This Book Develop your Xamarin development skills with this comprehensive guide on various patterns and features so you can create elegant and high-quality applications Create adaptive user interfaces on separate platforms without compromising the user experience and platform identity Implement application lifecycle management concepts to manage and finalize cross-platform projects and efficiently collaborate with others Who This Book Is For This book is ideal for those who want to take their entry–level Xamarin mobile development skills to the next level to become the go-to person within their organization. To fully understand the patterns and concepts described, you should possess a reasonable level of knowledge about the core elements of Xamarin and cross-platform application development with it. What You Will Learn Configure your environment for cross-platform projects with Xamarin Gain memory management skills to avoid memory leaks and premature code cycles while decreasing the memory print of your applications Employ asynchronous and parallel patterns to execute non-interactive and non-blocking processes Create and use SQLite databases for offline scenarios Integrate network resources with cross-platform

applications Design and implement eye-catching and reusable UI components without compromising nativity in mobile applications Manage the application lifecycle of cross-platform development projects Distribute Xamarin applications through public or private channels In Detail The main goal of this book is to equip you with the required know-how to successfully analyze, develop, and manage Xamarin cross-platform projects using the most efficient, robust, and scalable implementation patterns. This book starts with general topics such as memory management, asynchronous programming, local storage, and networking, and later moves onto platform-specific features. During this transition, you will learn about key tools to leverage the patterns described, as well as advanced implementation strategies and features. The book also presents User Interface design and implementation concepts on Android and iOS platforms from a Xamarin and cross-platform perspective, with the goal to create a consistent but native UI experience. Finally, we show you the toolset for application lifecycle management to help you prepare the development pipeline to manage and see cross-platform projects through to public or private release. Style and approach This is a comprehensive guide on various Xamarin features and patterns. Each topic is explained and demonstrated with code samples, which are revised in each section in an iterative manner and analyzed with available diagnostic tools to demonstrate the benefits of different patterns.

Mastering Apex Programming - Paul Battisson 2020-11-20
Get to grips with the advanced features of Apex programming for Salesforce developers using this comprehensive guide Key FeaturesDiscover how to build reliable applications with Apex by avoiding common mistakes and pitfallsLearn how to use the different asynchronous programming tools in ApexProfile and improve the performance of your Apex codeBook Description As applications built on the Salesforce platform are now a key part of many organizations, developers are shifting focus to Apex, Salesforce's proprietary programming language. As a Salesforce developer, it is important to understand the range of tools at your disposal, how and when to use them, and

best practices for working with Apex. Mastering Apex Programming will help you explore the advanced features of Apex programming and guide you in delivering robust solutions that scale. This book starts by taking you through common Apex mistakes, debugging, exception handling, and testing. You'll then discover different asynchronous Apex programming options and develop custom Apex REST web services. The book shows you how to define and utilize Batch Apex, Queueable Apex, and Scheduled Apex using common scenarios before teaching you how to define, publish, and consume platform events and RESTful endpoints with Apex. Finally, you'll learn how to profile and improve the performance of your Apex application, including architecture trade-offs. With code examples used to facilitate discussion throughout, by the end of the book, you'll have developed the skills needed to build robust and scalable applications in Apex. What you will learnUnderstand common coding mistakes in Apex and how to avoid them using best practicesFind out how to debug a Salesforce Apex application effectivelyExplore different asynchronous Apex options and their common use casesDiscover tips to work effectively with platform eventsDevelop custom Apex REST services to allow inbound integrationsBuild complex logic and processes on the Salesforce platformWho this book is for This book is for Salesforce developers who are interested in mastering Apex programming skills. You'll also find this book helpful if you're an experienced Java or C# developer looking to switch to Apex programming for developing apps on the Salesforce platform. Basic Apex programming knowledge is essential to understand the concepts covered.

Towards Sustainable Society on Ubiquitous Networks - Makoto Oya 2008-08-15
The massive growth of the Internet has made an enormous amount of infor- tion available to us. However, it is becoming very difficult for users to acquire an - plicable one. Therefore, some techniques such as information filtering have been - troduced to address this issue. Recommender systems filter information that is useful to a user from a large amount of information. Many e-commerce sites use rec- mender systems to filter specific information

that users want out of an overload of - formation [2]. For example, Amazon. com is a good example of the success of - commender systems [1]. Over the past several years, a considerable amount of research has been conducted on recommendation systems. In general, the usefulness of the recommendation is measured based on its accuracy [3]. Although a high - commendation accuracy can indicate a user's favorite items, there is a fault in that - ly similar items will be recommended. Several studies have reported that users might not be satisfied with a recommendation even though it exhibits high recommendation accuracy [4]. For this reason, we consider that a recommendation having only accuracy is - satisfactory. The serendipity of a recommendation is an important element when c- sidering a user's long-term profits. A recommendation that brings serendipity to users would solve the problem of "user weariness" and would lead to exploitation of users' tastes. The viewpoint of the diversity of the recommendation as well as its accuracy should be required for future recommender systems.

Web 2.0: Concepts and Applications - Gary B. Shelly 2010-03-03
Web 2.0 provides dynamic and comprehensive coverage of the most current information available on Web 2.0 today. Students will gain a solid understanding of the current trends in technology and concepts associated with interactive information sharing and new web applications. Students will gain knowledge of web-based communities, social-networking, video and filing sharing sites as well as blogging, wikis and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

APIs: A Strategy Guide - Daniel Jacobson 2012
"Creating channels with application programming interfaces"--Cover.

Cloud Computing - Christian Baun 2011-07-14
Cloud computing is a buzz-word in today's information technology (IT) that nobody can escape. But what is really behind it? There are many interpretations of this term, but no standardized or even uniform definition. Instead, as a result of the multi-faceted viewpoints and the diverse interests expressed by the various

stakeholders, cloud computing is perceived as a rather fuzzy concept. With this book, the authors deliver an overview of cloud computing architecture, services, and applications. Their aim is to bring readers up to date on this technology and thus to provide a common basis for discussion, new research, and novel application scenarios. They first introduce the foundation of cloud computing with its basic technologies, such as virtualization and Web services. After that they discuss the cloud architecture and its service modules. The following chapters then cover selected commercial cloud offerings (including Amazon Web Services and Google App Engine) and management tools, and present current related open-source developments (including Hadoop, Eucalyptus, and Open CirrusTM). Next, economic considerations (cost and business models) are discussed, and an evaluation of the cloud market situation is given. Finally, the appendix contains some practical examples of how to use cloud resources or cloud applications, and a glossary provides concise definitions of key terms. The authors' presentation does not require in-depth technical knowledge. It is equally intended as an introduction for students in software engineering, web technologies, or business development, for professional software developers or system architects, and for future-oriented decision-makers like top executives and managers.

Web Services - Anne Thomas Manes 2003
Guides business and technology managers through the basics of Web Services technology, discussing applicatino integration, standards, technologies, and scenarios.

Salesforce CRM – The Definitive Admin Handbook - Third Edition - Paul Goodey 2015-01-30
This book is for administrators who want to develop and strengthen their Salesforce CRM skills in the areas of configuration and system management. Whether you are a novice or a more experienced administrator, this book aims to enhance your knowledge and understanding of the Salesforce CRM platform and features.

Moving To The Cloud - Dinkar Sitaram 2011-12
Chapter 1: Introduction -- Chapter 2: Infrastructure as a Service -- Chapter 3: Platform as a Service -- Chapter 4: Application as a Service -- Chapter 5: Paradigms for Developing Cloud Applications -- Chapter 6: Addressing the Cloud Challenges -- Chapter 7: Security -- Chapter 8: Managing the Cloud Infrastructure -- Chapter 9: Related Technologies -- Chapter 10: Future trends and Research Directions.

Handbook of Research on Demand-Driven Web Services: Theory, Technologies, and Applications - Sun, Zhaohao 2014-03-31
In the current technological world, Web services play an integral role in service computing and social networking services. This is also the case in the traditional FREG (foods, resources, energy, and goods) services because almost all traditional services are replaced fully or partially by Web services. Handbook of Research on Demand-Driven Web Services: Theory, Technologies, and Applications presents comprehensive and in-depth studies that reveal the cutting-edge theories, technologies, methodologies, and applications of demand-driven Web, mobile, and e-business services. This book provides critical perspectives for researchers and practitioners, lecturers and undergraduate/graduate students, and professionals in the fields of computing, business, service, management, and government, as well as a variety of readers from all the social strata.

Cloud Computing For Dummies - Judith S. Hurwitz 2010-01-19
The easy way to understand and implement cloud computing technology written by a team of experts Cloud computing can be difficult to understand at first, but the cost-saving possibilities are great and many companies are getting on board. If you've been put in charge of implementing cloud computing, this straightforward, plain-English guide clears up the confusion and helps you get your plan in place. You'll learn how cloud computing enables you to run a more green IT infrastructure, and access technology-enabled services from the Internet ("in the cloud") without having to understand, manage, or invest in the technology infrastructure that supports them. You'll also find out what you need to consider when implementing a plan, how to handle security issues, and more. Cloud computing is a way for

businesses to take advantage of storage and virtual services through the Internet, saving money on infrastructure and support This book provides a clear definition of cloud computing from the utility computing standpoint and also addresses security concerns Offers practical guidance on delivering and managing cloud computing services effectively and efficiently Presents a proactive and pragmatic approach to implementing cloud computing in any organization Helps IT managers and staff understand the benefits and challenges of cloud computing, how to select a service, and what's involved in getting it up and running Highly experienced author team consults and gives presentations on emerging technologies Cloud Computing For Dummies gets straight to the point, providing the practical information you need to know.

Guide to Cloud Computing for Business and Technology Managers - Vivek Kale 2014-12-17 Guide to Cloud Computing for Business and Technology Managers: From Distributed Computing to Cloudware Applications unravels the mystery of cloud computing and explains how it can transform the operating contexts of business enterprises. It provides a clear understanding of what cloud computing really means, what it can do, and when it is practical to use. Addressing the primary management and operation concerns of cloudware, including performance, measurement, monitoring, and security, this pragmatic book: Introduces the enterprise applications integration (EAI) solutions that were a first step toward enabling an integrated enterprise Details service-oriented architecture (SOA) and related technologies that paved the road for cloudware applications Covers delivery models like IaaS, PaaS, and SaaS, and deployment models like public, private, and hybrid clouds Describes Amazon, Google, and Microsoft cloudware solutions and services, as well as those of several other players Demonstrates how cloud computing can reduce costs, achieve business flexibility, and sharpen strategic focus Unlike customary discussions of cloud computing, Guide to Cloud Computing for Business and Technology Managers: From Distributed Computing to Cloudware Applications emphasizes the key differentiator—that cloud computing is able to

treat enterprise-level services not merely as discrete stand-alone services, but as Internet-locatable, composable, and repackageable building blocks for generating dynamic real-world enterprise business processes.

Becoming a Salesforce Certified Technical Architect - Tameem Bahri 2021-02-12 Design and build high-performance, secure, and scalable Salesforce solutions to meet business demands and gain practical experience using real-world scenarios by creating engaging end-to-end solution presentations Key Features • Learn common integration, data migration, and security patterns for designing scalable and reliable solutions on the Salesforce Lightning platform • Build an end-to-end delivery framework pipeline for delivering successful projects within specified timelines • Gain access to an exclusive book club of skilled Salesforce professionals, to discuss ideas, best practices, and share experiences of designing modern solutions using Salesforce Book Description Salesforce Certified Technical Architect (CTA) is the ultimate certification to validate your knowledge and skills when it comes to designing and building high-performance technical solutions on the Salesforce platform. The CTA certificate is granted after successfully passing the CTA review board exam, which tests your platform expertise and soft skills for communicating your solutions and vision. You'll start with the core concepts that every architect should master, including data lifecycle, integration, and security, and build your aptitude for creating high-level technical solutions. Using real-world examples, you'll explore essential topics such as selecting systems or components for your solutions, designing scalable and secure Salesforce architecture, and planning the development lifecycle and deployments. Finally, you'll work on two full mock scenarios that simulate the review board exam, helping you learn how to identify requirements, create a draft solution, and combine all the elements together to create an engaging story to present in front of the board or to a client in real life. By the end of this Salesforce book, you'll have gained the knowledge and skills required to pass the review board exam and implement architectural best practices and strategies in your day-to-day work.

What you will learn • Explore data lifecycle management and apply it effectively in the Salesforce ecosystem • Design appropriate enterprise integration interfaces to build your connected solution • Understand the essential concepts of identity and access management • Develop scalable Salesforce data and system architecture • Design the project environment and release strategy for your solution • Articulate the benefits, limitations, and design considerations relating to your solution • Discover tips, tricks, and strategies to prepare for the Salesforce CTA review board exam Who this book is for This book is for Salesforce architects who want to become certified technical architects by learning how to design secure and scalable technical solutions for their organizations. A solid understanding of the Salesforce platform is required, ideally combined with 3 to 5 years of practical experience as an application architect, system architect, enterprise architect, or solution architect. Table of Contents • Starting Your Journey as a CTA • Core Architectural Concepts - Data • Core Architectural Concepts - Integration and Cryptography • Core Architectural Concepts - Identity and Access Management • Developing a Scalable System Architecture • Formulating a Secure Architecture in Salesforce • Designing a Scalable Salesforce Data Architecture • Creating a Lean Solution Architecture • Forging an Integrated Solution • Development Life Cycle and Deployment Planning • Communicating and Socialising Your Solution • Practice the Review Board - First Mock (N.B. Please use the Look Inside option to see further chapters)
CLOUD COMPUTING - RAO, M.N. 2015-05-21 Cloud Computing has grown popular as a new prototype for providing services over the Internet. This introductory textbook on Cloud Computing is suitable for undergraduate students of computer science engineering, and for postgraduate students of computer science and computer applications. It teaches both the basic concepts and cloud technologies by adopting a straightforward approach of presenting theoretical concepts and cloud models. Several Cloud providers of distinct types are discussed here with their advantages and disadvantages. Different cloud services are also

covered in this book. The book advances on the cloud architecture and cloud examples that are latest in market. Salient Features Clear and concise explanations Discussion on cloud models with diagrams In-depth analysis of various cloud architectures Numerous case studies Several questions from previous question papers
Developing Data Migrations and Integrations with Salesforce - David Masri 2018-12-18
Migrate your data to Salesforce and build low-maintenance and high-performing data integrations to get the most out of Salesforce and make it a "go-to" place for all your organization's customer information. When companies choose to roll out Salesforce, users expect it to be the place to find any and all Information related to a customer—the coveted Client 360° view. On the day you go live, users expect to see all their accounts, contacts, and historical data in the system. They also expect that data entered in other systems will be exposed in Salesforce automatically and in a timely manner. This book shows you how to migrate all your legacy data to Salesforce and then design integrations to your organization's mission-critical systems. As the Salesforce platform grows more powerful, it also grows in complexity. Whether you are migrating data to Salesforce, or integrating with Salesforce, it is important to understand how these complexities need to be reflected in your design. Developing Data Migrations and Integrations with Salesforce covers everything you need to know to migrate your data to Salesforce the right way, and how to design low-maintenance, high-performing data integrations with Salesforce. This book is written by a practicing Salesforce integration architect with dozens of Salesforce projects under his belt. The patterns and practices covered in this book are the results of the lessons learned during those projects. What You'll Learn Know how Salesforce's data engine is architected and why Use the Salesforce Data APIs to load and extract data Plan and execute your data migration to Salesforce Design low-maintenance, high-performing data integrations with Salesforce Understand common data integration patterns and the pros and cons of each Know real-time integration options for Salesforce Be aware of common pitfalls Build

reusable transformation code covering commonly needed Salesforce transformation patterns Who This Book Is For Those tasked with migrating data to Salesforce or building ongoing data integrations with Salesforce, regardless of the ETL tool or middleware chosen; project sponsors or managers nervous about data tracks putting their projects at risk; aspiring Salesforce integration and/or migration specialists; Salesforce developers or architects looking to expand their skills and take on new challenges

The Rise of China - Douglas C. Lovelace, Jr. 2015-11-05

Terrorism: Commentary on Security Documents is a series that provides primary source documents and expert commentary on various topics relating to the worldwide effort to combat terrorism, as well as efforts by the United States and other nations to protect their national security interests. Volume 139, The Rise of China, examines the strategic implications of China's increasing economic and military power for the international community. Regional and global reactions to the growth of Chinese economic investment and property acquisitions are considered, along with responses to border disputes and other contentious regional issues. The documents in this volume include several reports and studies prepared by the U.S.-China Economic and Security Commission, examining such topics as: the evolving state of the overall military relationship between the U.S. and China; the development of China's Navy; China's establishment of an Air Defense Identification Zone (ADIZ); Chinese legal views on cyberspace and cybersecurity; general trends in U.S.-Chinese science and technology cooperation; and the impact of Chinese economic development on the United States.

E-Business mit Cloud Computing - Thomas Barton 2014-07-08

Das Buch erlaubt einen kompakten Einstieg in die Themen E-Business und Cloud Computing. Es vermittelt informatikbezogene und betriebswirtschaftliche Kenntnisse und stellt betriebliche Anwendungen vor. Nach einer Einführung in das Thema E-Business, in der auch das Thema "Internet der Dinge" beleuchtet wird, werden informatikbezogene Grundlagen wie HTML, XML und RESTful Services dargestellt. Es folgt eine Beschreibung von

Cloud Computing, wobei seine Entstehung und seine Merkmale aus geschäftsbezogener und informationstechnischer Sicht beleuchtet werden. Der Einsatz von Services wird anhand verschiedener Anwendungen aus den Bereichen E-Marketing, soziale Netze, Customer Relationship Management und Big Data aufgezeigt. Auch die Verfügbarkeit von RESTful APIs ist Gegenstand der Betrachtungen. Die Entwicklung von E-Business Anwendungen wird anhand von zwei Projekten betrachtet, die einerseits das RFID-gestützte Behältermanagement und andererseits die Entwicklung einer App beschreiben.

Starting a Tech Business - Alex Cowan 2012-03-14

The non-technical guide to building a booming tech-enabled business Thinking of starting a technology-enabled business? Or maybe you just want to increase your technology mojo so you can do your job better? You do not need to learn programming to participate in the development of today's hottest technologies. But there are a few easy-to-grasp foundation concepts that will help you engage with a technical team. Starting a Tech Business explains in practical, actionable terms how to formulate and reality test new ideas package what you learn into frameworks that are highly actionable for engineers understand key foundation concepts about modern software and systems participate in an agile/lean development team as the 'voice of the customer' Even if you have a desire to learn to program (and I highly recommend doing whatever unlocks your 'inner tinkerer'), these foundation concepts will help you target what exactly you want to understand about hands-on technology development. While a decade ago the barriers to creating a technology-enabled business required a pole vault, getting started today only requires a determined step in the right direction. Starting a Tech Business supplies the tools prospective entrepreneurs and business enterprises need to avoid common pitfalls and succeed in the fast-paced world of high-tech business. Successful execution requires thoughtful, evidence-based product formulation, well-articulated design, economic use of systems, adaptive management of technical resources, and empathetic deployment to customers. Starting a Tech Business offers

practical checklists and frameworks that business owners, entrepreneurs, and professionals can apply to any tech-based business idea, whether you're developing software and products or beginning a technology-enabled business. You'll learn: 1. How to apply today's leading management frameworks to a tech business 2. How to package your product idea in a way that's highly actionable for your technical team 3. How to ask the right questions about technology selection and product architecture 4. Strategies to leverage what your technology ecosystem has to offer 5. How to carefully define the roles on your team, and then effectively evaluate candidates 6. The most common disconnects between engineers and business people and how to avoid them 7. How you can apply process design to your tech business without stifling creativity 8. The steps to avoid the most common pitfalls tech founders encounter Now is one of the best times to start a technology-enabled business, and anyone can do it with the right amount and kind of preparation. Starting a Tech Business shows you how to move a product idea to market quickly and inexpensively—and to tap into the stream of wealth that a tech business can provide.

The Oxford Handbook of the Digital Economy - Martin Peitz 2012-08-23
The economic analysis of the digital economy has been a rapidly developing research area for more than a decade. Through authoritative examination by leading scholars, this Handbook takes a closer look at particular industries, business practices, and policy issues associated with the digital industry. The volume offers an up-to-date account of key topics, discusses open questions, and provides guidance for future research. It offers a blend of theoretical and empirical works that are central to understanding the digital economy. The chapters are presented in four sections, corresponding with four broad themes: 1) infrastructure, standards, and platforms; 2) the transformation of selling, encompassing both the transformation of traditional selling and new, widespread application of tools such as auctions; 3) user-generated content; and 4) threats in the new digital environment. The first section covers infrastructure, standards, and various platform industries that rely heavily on recent developments in electronic data storage and transmission, including software, video games, payment systems, mobile telecommunications, and B2B commerce. The second section takes account of the reduced costs of online retailing that threatens offline retailers, widespread availability of information as it affects pricing and advertising, digital technology as it allows the widespread employment of novel price and non-price strategies (bundling, price discrimination), and auctions, as well as better tar. The third section addresses the emergent phenomenon of user-generated content on the Internet, including the functioning of social networks and open source. Finally, the fourth section discusses threats arising from digitization and the Internet, namely digital piracy, privacy and internet security concerns.
Handbook of Research on P2P and Grid Systems for Service-Oriented Computing: Models, Methodologies and Applications - Antonopoulos, Nick 2010-01-31
Addresses the need for peer-to-peer computing and grid paradigms in delivering efficient service-oriented computing.

Implementing Oracle Integration Cloud Service - Robert van Molken 2017-01-20
Understand everything you need to know about Oracle's Integration Cloud Service and how to utilize it optimally for your business About This Book The only guide to Integration Cloud Service in the market Focused on practical action to deliver business value A professional's guide to an expensive product, providing comprehensive training, and showing how to extract real business value from the product Who This Book Is For This book is ideal for any IT professional working with ICS, any Oracle application or cloud solution developer or analyst who wants to work with ICS to deliver business value. What You Will Learn Use ICS to integrate different systems together without needing to be a developer Gain understanding of what a number of technologies and standards provide – without needing to understand the fine details of those standards and technologies Understand the use of connectors that Oracle provide from technology based connections such as file and database connections to SaaS solutions ranging from Salesforce to Twitter

Enrich data and extend SaaS integration to route to different instances Utilize a number of tools to help develop and check that your integrations work before connecting to live systems Introduce and explain integration concepts so that the integrations created are maintainable and sustainable for the longer term Provide details on how to keep up to date with the features that Oracle and partners provide in the future Get special connections developed to work with ICS In Detail Businesses are built on data, and applications that access that data. In modern businesses the same cloud-based data stores and applications might be accessed by hundreds of different applications from thousands of different devices via APIs. To make this happen, APIs must be wired together i.e. integrated. Oracle Integration Cloud Service provides a complete method for integrating enterprise applications in the cloud. Integration Cloud Service (ICS) provides a cloud hosted means to integrate systems together using a graphical means to define and represent integrations. This book will be a comprehensive, hands-on guide to building successful, high-availability integrations on ICS. This book sets out to demonstrate how ICS can be used to effectively implement integrations that work both in the cloud and on premise. It starts with a fast, practical introduction to what ICS can do for your business and then shows how ICS allows you to develop integrations not only quickly but in a way that means they are maintainable and extensible. Gradually it moves into more advanced integrations, showing how to achieve sophisticated results with ICS and work with external applications. Finally the book shows you how to monitor cloud apps and go beyond ICS to build even more powerful integrated applications. By the end of the book, you will the knowledge on how to use ICS to solve your own integration needs and harness the technologies in a maintainable and sustainable manner. Style and approach This book will take a pragmatic approach and will be a business-focused guide to delivering business value with ICS.

Development with the Force.com Platform - Jason Ouellette 2011-06-29
Build Powerful, Scalable, Cloud-Based Enterprise Solutions Fast with the Newest Version of Force.com Using Force.com, you can build enterprise applications with world-class value, scalability, and reliability--and do it in days or weeks, not months or years. In this book, top Force.com developer Jason Ouellette offers all the technical guidance and sample code you'll need to get outstanding results with the newest version of Force.com. Drawing on his experience building three of the world's top ten Force.com applications, Jason Ouellette walks you through the entire project lifecycle, from identifying potential applications to prototyping, coding, and deployment. Throughout, he offers practical insights you won't find in Salesforce.com's documentation--or anywhere else. This edition thoroughly covers Force.com's most powerful new improvements, including Batch Apex, Chatter, Adobe Flex and XML support, and the Force.com Free Edition. Throughout, Ouellette covers all you need to know about user interfaces, database design, workflow, analytics, security, and much more. All his code samples can be run and adapted using a no-cost Force.com Developer Edition account. Learn how Force.com provides customizable business application infrastructure and what makes it unique Master the Force.com database and configure its built-in security features Use advanced business logic, including Batch Apex, managed sharing, and metadata queries Build intuitive user interfaces with Visualforce and extend them with JavaScript, Adobe Flex, or Force.com Sites Master Force.com's options for seamlessly integrating existing systems and choose the right alternative for your project Create flexible reports and display them in dashboards Deliver applications in multiple languages and support multiple currencies Add social media features with Force.com's new Chatter collaboration tools