Google App Engine

Code in the CloudEssential App EngineUsing Google App EngineGoogle App EngineGoogle Cloud Platform for DevelopersGoogle Cloud Platform for ArchitectsGo言語ﾌﾟﾛｸﾞﾗﾐﾝｸﾞ入門on Google App EngineProgramming Google App EngineCloud Portability and InteroperabilityGet Your Head in the Cloud: Unlocking the Mystery for Public SectorCloud Computing For DummiesGoogle App Engineﾌﾟﾛｸﾞﾗﾐﾝｸﾞ入門Developing with Google App EngineCore Python Applications ProgrammingBeginning Java Google App EnginePython for Google App EngineGoogle Visualization API EssentialsImplementing and Developing Cloud Computing ApplicationsG-CLOUD Magazine 2011作ればわかる!Google App Engine for JavaﾌﾟﾛｸﾞﾗﾐﾝｸﾞCloud Computing for LibrariesExt Gwt 2.0The Way to GoSlim 3 on Google App Engine for JavaBeginning Django E-CommerceProgramming Google App Engine with PythonGoogle Cloud Platform CookbookGoogle App EngineGoogle App Engine Essential TrainingiPhone Advanced ProjectsGoogle App Engine for Java jissen kuraudo puroguraminguConvergeComputer Architecture and SecurityGoogle App Engine Case StudySEO Master Using the Power of WordpressGoogleCloudPlatform実践Webｱﾌﾟﾘ開発ｽﾄｰﾘｰで学ぶGoogleAppEngineGoogle App Engine Java and GWT Application DevelopmentProfessional AndroidTM Application DevelopmentPro Android Web AppsProgramming Google App Engine with Java

Code in the Cloud

Beginning Django E-Commerce guides you through producing an e-commerce site using Django, the most popular Python web development framework. Topics covered include how to make a shopping cart, a checkout, and a payment processor; how to make the most of Ajax; and search engine optimization best practices. Throughout the book, you'll take each topic and apply it to build a single example site, and all the while you'll learn the theory behind what you're architecting. Build a fully functional e-commerce site. Learn to architect your site properly to survive in an increasingly competitive online landscape with good search engine optimization techniques. Become versed in the Django web framework and learn how you can put it to use to drastically reduce the amount of work you need to do to get a site up and running quickly.

Essential App Engine

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.

Using Google App Engine

The ultimate guide to create a Search Engine Optimized (SEO) website using the Power of WordPress. Mastering search engine optimization is one of the hottest topics of the digital age. Ranking on the first results page of Google has never been easier. In just a few weeks you will see your website ranking higher and higher on Google. Covers everything, from basic to more advanced SEO topics. There is no need to know any programming languages, such as PHP, JAVA, CSS or HTML. Programming knowledge is not necessary. The book starts with the basics, walking you through the process of setting up WordPress the SEO way then stepping you though the creation of your search engine optimized website. You will advance from there, mastering all those techniques that will force your website to rank on the first results page of Google, such as Tiles, Tags, Content, Keywords, Page Speed, Page Caching, Meta, Alt Tags, Slugs, CDN, Social Media and so much more. You will master all these SEO techniques used by the most popular websites on the internet. Learn more about this book, download a sample, and find support blogs at the book's website: www.seomasterwordpress.com

Google App Engine

Build powerful, scalable, and interactive web applications in the cloud.

Google Cloud Platform for Developers

A hands-on guide to building mobile applications, Professional Android Application Development features concise and compelling examples that show you how to quickly construct real-world mobile applications for Android phones. Fully up-to-date for version 1.0 of the Android software development kit, it covers all the essential features, and explores the advanced capabilities of Android (including GPS, accelerometers, and background Services) to help you construct increasingly complex, useful, and innovative mobile applications for Android phones.

What this book includes An introduction to mobile development, Android, and how to get started. An in-depth look at Android applications and their life cycle, the application manifest, Intents, and using external resources. Details for creating complex and compelling user interfaces by using, extending, and creating your own layouts and Views and using Menus. A detailed look at data storage, retrieval, and sharing using preferences, files, databases, and Content Providers. Instructions for making the most of mobile portability by creating rich map-based applications as well as using location-based services and the geocoder. A look at the power of background Services, using threads, and a detailed look at Notifications. Coverage of Android's communication abilities including SMS, the telephony APIs, network management, and a guide to using Internet resources Details for using Android hardware, including media recording and playback, using the camera, accelerometers, and compass sensors. Advanced development topics including security, IPC, advanced 2D / 3D graphics techniques, and user–hardware interaction. Who this book is for This book is for anyone interested in creating applications for the Android mobile phone platform. It includes information that will be valuable whether you're an experienced mobile developer or making your first foray, via Android, into writing mobile applications. It will give the grounding and knowledge you need to write applications using the current SDK, along with the flexibility to quickly adapt to future enhancements.

Google Cloud Platform for Architects

This book is a step-by-step tutorial full of diagrams, core concept explanations, best practice tips, and links to working book examples. This book will show you how create web-ready data visualizations using Google’s infrastructure. Some HTML knowledge is the only requirement, although some JavaScript knowledge is also helpful.

Go言語プログラミング入門on Google App Engine

The first book to introduce computer architecture for security and provide the tools to implement secure computer systems This book provides the fundamentals of computer architecture for security. It covers a wide range of computer hardware, system software and data concepts from a security perspective. It is essential for computer science and security professionals to understand both hardware and software security solutions to survive in the workplace. Examination of memory, CPU architecture and system implementation Discussion of computer buses and a dual-port bus interface Examples cover a board spectrum of hardware and software systems Design and implementation of a patent-pending secure computer system Includes the latest patent-pending technologies in architecture security Placement of computers in a security fulfilled network environment Co-authored by the inventor of the modern Computed Tomography (CT) scanner Provides website for lecture notes, security tools and latest updates

Programming Google App Engine

大規模分散データストアBigtableのCRUD処理、画像処理、各種条件検索を詳説。多彩なサービス機能をメモリキャッシュからBlobstoreまで解説。Direct Web Remoting・jQuery・YUIとの連携サンプルを紹介。環境設定と運用管理機能についてもしっかりとフォロー。

Cloud Portability and Interoperability

Develop, deploy, and scale your applications with Google Cloud Platform Key Features Create and deploy your applications on Google Cloud Platform Store and manage source code and debug Cloud-hosted apps with plugins and IDEs Streamline developer workflows with tools for alerting and managing deployments Book Description Google Cloud Platform (GCP) provides autoscaling compute power and distributed in-memory cache, task queues, and datastores to write, build, and deploy Cloud-hosted applications. With Google Cloud Platform for Developers, you will be able to develop and deploy scalable applications from scratch and make them globally available in almost any language. This book will guide you in designing, deploying, and managing applications running on Google Cloud. You’ll start with App Engine and move on to work with Container Engine, compute engine, and cloud functions. You’ll learn how to integrate your new applications with the various data solutions on GCP, including Cloud SQL, Bigtable, and Cloud Storage. This book will teach you how to streamline your workflow with tools such as Source Repositories, Container Builder, and StackDriver. Along the way, you’ll see how to deploy and debug services with IntelliJ, implement continuous delivery pipelines, and configure robust monitoring and alerting for your production systems. By the end of this book, you’ll be well-versed with all the development tools of Google Cloud Platform, and you’ll develop, deploy, and manage highly scalable and reliable applications. What you will learn Understand the various service offerings on GCP Deploy and run services on managed platforms such as App Engine and Container Engine Securely maintain application states with Cloud Storage, Datastore, and Bigtable Leverage StackDriver monitoring and debugging to minimize downtime and mitigate issues without impacting users Design and implement complex software solutions utilizing Google Cloud Integrate with best-in-class big data solutions such as Bigquery, Dataflow, and Pub/Sub Who this book is for Google Cloud Platform for Developers is for application developers. This book will enable you to fully leverage the power of Google Cloud Platform to build resilient and intelligent software solutions.

Get Your Head in the Cloud: Unlocking the Mystery for Public Sector

Cloud Computing For Dummies

Get acquainted with GCP and manage robust, highly available, and dynamic solutions to drive business objective Key Features Identify the strengths, weaknesses and ideal use-cases for individual services offered on the Google Cloud Platform Make intelligent choices about which cloud technology works best for your use-case Leverage Google Cloud Platform to analyze and optimize technical and business processes Book Description Using a public cloud platform was considered risky a decade ago, and unconventional even just a few years ago. Today, however, use of the public cloud is completely mainstream - the norm, rather than the exception. Several leading technology firms, including Google, have built sophisticated cloud platforms, and are locked in a fierce competition for market share. The main goal of this book is to enable you to get the best out of the GCP, and to use it with confidence and competence. You will learn why cloud architectures take the forms that they do, and this will help you become a skilled high-level cloud architect. You will also learn how individual cloud services are configured and used, so that you are never intimidated at having to build it yourself. You will also learn the right way and the right situation in which to use the important GCP services. By the end of this book, you will be able to make the most out of Google Cloud Platform design. What you will learn Set up GCP account and utilize GCP services using the cloud shell, web console, and client APIs Harness the power of App Engine, Compute Engine, Containers on the Kubernetes Engine, and Cloud Functions Pick the right managed service for your data needs, choosing intelligently between Datastore, BigTable, and BigQuery Migrate existing Hadoop, Spark, and Pig workloads with minimal disruption to your existing data infrastructure, by using Dataproc intelligently Derive insights about the health, performance, and availability of cloud-powered applications with the help of monitoring, logging, and diagnostic tools in Stackdriver Who this book is for If you are a Cloud architect who is responsible to design and manage robust cloud solutions with Google Cloud Platform, then this book is for you. System engineers and Enterprise architects will also find this book useful. A basic understanding of distributed applications would be helpful, although not strictly necessary. Some working experience on other public cloud platforms would help too.

Google App Engineプログラミング入門

As the fourth book in our series of iPhone Projects based on the work and experiences of iPhone, this volume takes on the more advanced aspects of iPhone development. The first generation of iPhone applications has hit the App Store, and now it's time to optimize performance, streamline the user interface, and make every successful iPhone app just that much more sophisticated. Paired with Apress's bestselling Beginning iPhone Development: Exploring the iPhone SDK, you'll have everything you need to create the next great iPhone app that everyone is talking about. Optimize performance. Streamline your user interface. Do things with your iPhone app that other developers haven't attempted. Along with series editor Dave Mark, your guides for this exploration of the next level of iPhone development, include: Ben “Panda” Smith, discussing particle systems using OpenGL ES Joachim Bondo, demonstrating his implementation of correspondence gaming in the most recent version of his chess application, Deep Green. Tom Harrington implementing streaming audio with Core Audio, one of many iPhone OS 3 APIs. Owen Goss debugging those pesky errors in your iPhone code with an eye toward achieving professional-strength results. Dylan Bruzenak building a data-driven application with SQLite. Ray Kiddy illustrating the full application development life cycle with Core Data. Steve Finkelstein marrying an offline e-mail client to Core Data. Peter Honeder and Florian Pflug tackling the challenges of networked applications in WiFi environments. Jonathan Saggau improving interface responsiveness with some of his personal tips and tricks, including “blocks” and other esoteric techniques. Joe Pezzillo pushing the frontiers of APNS, the new in iPhone OS 3 Apple Push Notification Service that makes the cloud the limit for iPhone apps. Noel Llopis taking mere programmers into a really advanced developmental adventure into the world of environment mapping with OpenGL ES.

Developing with Google App Engine

Build exciting, scalable web applications quickly and confidently using Google App Engine and this book, even if you have little or no experience in programming or web development. App Engine is perhaps the most appealing web technology to appear in the last year, providing an easy-to-use application framework with basic web tools. While Google's own tutorial assumes significant experience, Using Google App Engine will help anyone get started with this platform. By the end of this book, you'll know how to build complete, interactive applications and deploy them to the cloud using the same servers that power Google applications. With this book, you will: Get an overview of the technologies necessary to use Google App Engine Learn how to use Python, HTML, Cascading Style Sheets (CSS), HTTP, and DataStore, App Engine's database Grasp the technical aspects necessary to create sophisticated, dynamic web applications Understand what's required to deploy your applications Using Google App Engine is also an excellent resource for experienced programmers who want to acquire working knowledge of web technologies. Building web applications used to be for experts only, but with Google App Engine-and this book-anyone can create a dynamic web presence.

Core Python Applications Programming

Beginning Java Google App Engine

If you are a Python developer, whether you have experience in web applications development or not, and want to rapidly deploy a scalable backend service or a modern web application on Google App Engine, then this book is for you.

Python for Google App Engine

Developing with Google App Engine introduces development with Google App Engine, a platform that provides developers and users with infrastructure Google itself uses to develop and deploy massively scalable applications. Introduction to concepts Development with App Engine Deployment into App Engine

Google Visualization API Essentials

Google App Engine(GAE)でWebアプリケーションを開発する手法を親しみやすいストーリー仕立てで解説。

Implementing and Developing Cloud Computing Applications

This practical guide shows intermediate and advanced web and mobile app developers how to build highly scalable Java applications in the cloud with Google App Engine. The flagship of Google's Cloud Platform, App Engine hosts your app on infrastructure that grows automatically with your traffic, minimizing up-front costs and accommodating unexpected visitors. You’ll learn hands-on how to perform common development tasks with App Engine services and development tools, including deployment and maintenance. For Java applications, App Engine provides a J2EE standard servlet container with a complete Java 7 JVM and standard library. Because App Engine supports common Java API standards, your code stays clean and portable. Get a hands-on introduction to App Engine's tools and features, using an example application Simulate App Engine on your development machine directly from Eclipse Structure your app into individually addressable modules, each with its own scaling configuration Exploit the power of the scalable Cloud Datastore, using queries, transactions, and data modeling with JPA Use Cloud SQL for standard relational databases with App Engine applications Learn how to deploy, manage, and inspect your application on Google infrastructure

G-CLOUD Magazine 2011

The leaders of Razorfish share their strategies for merging marketing and IT To create rich, technologically enabled experiences, enterprises need close collaboration between marketing and IT. Converge explains how the merging of technology, media, and creativity is revolutionizing marketing and business strategy. The CEO and CTO of Razorfish, one of the world's largest digital marketing agencies, give their unique perspective on how to thrive in this age of disruption. Converge shares their first-hand experience working closely with global brands—including AXE, Intel, Samsung, and Kellogg—to solve business problems at the collision point between media, technology, and marketing. With in-depth looks at cloud computing, data- and API-enabled creativity, ubiquitous computing, and more, Converge presents a roadmap to success. Explains how to organize for innovation within your own organization by applying the principles of agile development across your business Details how to create a religion around convergence, explaining how to tell the story throughout the organization Outlines how to adapt processes to keep up with and take advantage of rapid technological change A book by practitioners for practitioners, Converge is about rethinking business organizations for a new age and empowering your people to thrive in a brand, new world.

作ればわかる!Google App Engine for Javaプログラミング

This practical guide shows intermediate and advanced web and mobile app developers how to build highly scalable Python applications in the cloud with Google App Engine. The flagship of Google's Cloud Platform, App Engine hosts your app on infrastructure that grows automatically with your traffic, minimizing up-front costs and accommodating unexpected visitors. You’ll learn hands-on how to perform common development tasks with App Engine services and development tools, including deployment and maintenance. App Engine's Python support includes a fast Python 2.7 interpreter, the standard library, and a WSGI-based runtime environment. Choose from many popular web application frameworks, including Django and Flask. Get a hands-on introduction to App Engine's tools and features, using an example application Simulate App Engine on your development machine with tools from Google Cloud SDK Structure your app into individually addressable modules, each with its own scaling configuration Exploit the power of the scalable Cloud Datastore, using queries, transactions, and data modeling with the ndb library Use Cloud SQL for standard relational databases with App Engine applications Learn how to deploy, manage, and inspect your application on Google infrastructure

Cloud Computing for Libraries

Learn how to deploy scalable web and mobile applications on Google's cloud infrastructure?the world's largest and most robust?with Google App Engine.

Ext Gwt 2.0

前号の内容をさらにアップデートし,最新かつ実践的なクラウドコンピューティングの話題で構成する第2号です。前回に引き続き,Amazon Web Servicesに関する特集の他,先のPDCにて次のフェーズが見えてきたWindows Azure,PaaSとしてますます利用が進むGoogle App Engineに関する特集の他,前号のEucalyptus記事のアップデート,クラウドコンピューティングにおけるセキュリティなど,本誌だけでしか読めない内容が満載です。

The Way to Go

This book provides the reader with a comprehensive overview of the new open source programming language Go (in its first stable and maintained release Go 1) from Google. The language is devised with Java / C#-like syntax so as to feel familiar to the bulk of programmers today, but Go code is much cleaner and simpler to read, thus increasing the productivity of developers. You will see how Go: simplifies programming with slices, maps, structs and interfaces incorporates functional programming makes error-handling easy and secure simplifies concurrent and parallel programming with goroutines and channels And you will learn how to: make use of Go's excellent standard library program Go the idiomatic way using patterns and best practices in over 225 working examples and 135 exercises This book focuses on the aspects that the reader needs to take part in the coming software revolution using Go.

Slim 3 on Google App Engine for Java

Provides information on building scalable Web applications using Google App Engine.

Beginning Django E-Commerce

Take the user experience of your website to a new level with Ext GWT.

Programming Google App Engine with Python

Are there any constraints known that bear on the ability to perform Google App Engine work? How is the team addressing them? How important is Google App Engine to the user organizations mission? Does the Google App Engine task fit the client's priorities? What would be the goal or target for a Google App Engine's improvement team? What problems are you facing and how do you consider Google App Engine will circumvent those obstacles? Defining, designing, creating, and implementing a process to solve a business challenge or meet a business objective is the most valuable role In EVERY company, organization and department. Unless you are talking a one-time, single-use project within a business, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' For more than twenty years, The Art of Service's Self-Assessments empower people who can do just that - whether their title is marketer, entrepreneur, manager, salesperson, consultant, business process manager, executive assistant, IT Manager, CxO etc - they are the people who rule the future. They are people who watch the process as it happens, and ask the right questions to make the process work better. This book is for managers, advisors, consultants, specialists, professionals and anyone interested in Google App Engine assessment. All the tools you need to an in-depth Google App Engine Self-Assessment. Featuring 693 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Google App Engine improvements can be made. In using the questions you will be better able to: - diagnose Google App Engine projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Google App Engine and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Google App Engine Scorecard, you will develop a clear picture of which Google App Engine areas need attention. Included with your purchase of the book is the Google App Engine Self-Assessment downloadable resource, which contains all questions and Self-Assessment areas of this book in a ready to use Excel dashboard, including the self-assessment, graphic insights, and project planning automation - all with examples to get you started with the assessment right away. Access instructions can be found in the book. You are free to use the Self-Assessment contents in your presentations and materials for customers without asking us - we are here to help.

Google Cloud Platform Cookbook

The complete guide to developing and deploying fast Google App Engine cloud systems: performance-driven techniques for every Java developer * *Teaches everything Java programmers need to know to build complex, production quality applications, via a single book-length case study. *Introduces a performance-driven approach that also ensures maintability, and presents practices and principles for improving performance even more *For every Java programmer seeking a seamless path to highly-scalable cloud application development. Cloud computing fundamentally changes the way applications are created and managed. When done right, system administration becomes trivial, and concerns about adequate hardware, capacity planning, or scalability are virtually eliminated. With Google's App Engine, millions of Java developers can quickly begin to develop cost-effective systems to operate in the cloud. However, when Java developers use familiar frameworks and techniques to build these systems, they often encounter surprising, unexpected performance problems. Essential App Engine teaches a start-to-finish approach to performance-driven App Engine development with Java. Through a complete, book-length case study, Java developers master all the concepts and techniques they need, from application design through data storage, task scheduling through security. Coverage includes: * *Systematically maximizing performance without compromising maintainability -- creating applications that are 10x+ faster on cold startup, and offer quick server response throughout their sessions. *Avoiding or minimizing the use of frameworks and libraries that cause performance problems. *Improving browser performance through the proper use of HTTP, HTML, CSS, JavaScript, and profiling. *Modeling data for App Engine's non-SQL data storage. *Ensuring app quality and managing development efficiently, through deployment and beyond.

Google App Engine

Google App Engine is one of the key technologies to emerge in recent years to help you build scalable web applications even if you have limited previous experience. If you are a Java programmer, this book offers you a Java approach to beginning Google App Engine. You will explore the runtime environment, front-end technologies like Google Web Toolkit, Adobe Flex, and the datastore behind App Engine. You'll also explore Java support on App Engine from end to end. The journey begins with a look at the Google Plugin for Eclipse and finishes with a working web application that uses Google Web Toolkit, Google

Accounts, and Bigtable. Along the way, you'll dig deeply into the services that are available to access the datastore with a focus on Java Data Objects (JDO), JDOQL, and other aspects of Bigtable. With this solid foundation in place, you'll then be ready to tackle some of the more advanced topics like integration with other cloud platforms such as Salesforce.com and Google Wave. NOTE: The source code files which accompanied this title are no longer available. Neither Apress nor the author is able to supply these files.

Google App Engine Essential Training

Go言語とGoogle App EngineでWebアプリを作る。クラウド環境でWebアプリ製作。

iPhone Advanced Projects

O Google App Engine é uma plataforma de computação em nuvem que permite a execução de aplicações Web na infraestrutura do Google. Tudo isso de forma fácil e escalável, com várias opções de utilização gratuitas e sem a necessidade de manutenção em sistemas operacionais ou servidores. Neste livro, Paulo Siécola aborda os aspectos dessa plataforma, principalmente aqueles relativos ao desenvolvimento de aplicações em Java para interagir com seus recursos, e também a administração deles através das ferramentas disponibilizadas pelo Google App Engine, ou GAE, como é comumente chamado.

Google App Engine for Java jissen kuraudo puroguramingu

Demonstrates the programming language's strength as a Web development tool, covering such topics as regular expressions, Django, cloud computing, and Web services, and includes real world examples.

Converge

This book offers readers a quick, comprehensive and up-to-date overview of the most important methodologies, technologies, APIs and standards related to the portability and interoperability of cloud applications and services, illustrated by a number of use cases representing a variety of interoperability and portability scenarios. The lack of portability and interoperability between cloud platforms at different service levels is the main issue affecting cloud-based services today. The brokering, negotiation, management, monitoring and reconfiguration of cloud resources are challenging tasks for developers and users of cloud applications due to the different business models associated with resource consumption, and to the variety of services and features offered by different cloud providers. In chapter 1 the concepts of cloud portability and interoperability are introduced, together with the issues and limitations arising when such features are lacking or ignored. Subsequently, chapter 2 provides an overview of the state-of-the-art methodologies and technologies that are currently used or being explored to enable cloud portability and interoperability. Chapter 3 illustrates the main cross-platform cloud APIs and how they can solve interoperability and portability issues. In turn, chapter

4 presents a set of ready-to-use solutions which, either because of their broad-scale use in cloud computing scenarios or because they utilize established or emerging standards, play a fundamental part in providing interoperable and portable solutions. Lastly, chapter 5 presents an overview of emerging standards for cloud Interoperability and portability. Researchers and developers of cloud-based services will find here a brief survey of the relevant methodologies, APIs and standards, illustrated by case studies and complemented by an extensive reference list for more detailed descriptions of every topic covered.

Computer Architecture and Security

"Provides the practical information and 'real world' advice required to take full advantage of what cloud computing can provide." --Midwest Book Review

Google App Engine Case Study

This book gives an introduction to the various types of Cloud that are available today and provides real-world case studies of agencies within the public sector that are using each of the various types of Cloud to better deliver services to their users. If you want to understand Cloud Computing and it's benefits, this is the book for you!

SEO Master Using the Power of Wordpress

As one of today's cloud computing services, Google App Engine does more than provide access to a large system of servers. It also offers you a simple model for building applications that scale automatically to accommodate millions of users. With Programming Google App Engine, you'll get expert practical guidance that will help you make the best use of this powerful platform. Google engineer Dan Sanderson shows you how to design your applications for scalability, including ways to perform common development tasks using App Engine's APIs and scalable services. You'll learn about App Engine's application server architecture, runtime environments, and scalable datastore for distributing data, as well as techniques for optimizing your application. App Engine offers nearly unlimited computing power, and this book provides clear and concise instructions for getting the most from it right from the source. Discover the differences between traditional web development and development with App Engine Learn the details of App Engine's Python and Java runtime environments Understand how App Engine handles web requests and executes application code Learn how to use App Engine's scalable datastore, including queries and indexes, transactions, and data modeling Use task queues to parallelize and distribute work across the infrastructure Deploy and manage applications with ease

GoogleCloudPlatform実践Webｱﾌﾟﾘ開発ｽﾄｰﾘｰで学ぶGoogleAppEngine

Developing applications for Android and other mobile devices using web technologies is now well within reach. When the capabilities of HTML5 are combined with CSS3 and JavaScript, web application developers have an opportunity to develop compelling mobile applications using familiar tools. Not only is it possible to build mobile web apps that feel as good as native apps, but to also write an application once and have it run a variety of different devices. While the HTML5 specification is still evolving, there is a lot that can be used right now to build mobile web apps. Mobile web apps are now starting to provide many of the features that were once only available to native-language-based apps in Java, Objective-C, etc. Pro Android Web Apps teaches developers already familiar with web application development, how to code and structure a web app for use on the Android mobile platform. Understand both the why and how of mobile web app development, focusing on the Android platform. Learn how to structure mobile web apps through a number of practical, real-world application examples. Discover what cloud platforms such as Google AppEngine have to offer Android web apps, for both hosting web apps and providing device to cloud data synchronization solutions. Get a real picture of the status of HTML5 on Android and other mobile devices, including some things to watch out for when building your own applications. Understand the capabilities of the web application stack, and how to complement those with native bridging frameworks such as PhoneGap to access native features of the device. Gain an understanding of the different UI frameworks that are available for building mobile web apps. Learn how to include mapping and leverage location-based services in mobile web apps to create engaging mobile experiences. Enable social integration with your Android web app and gain access to millions of potential users. After reading this book, you will not only have a greater understanding of the world of web apps on Android, but also how to leverage additional tools and frameworks to increase the reach of your mobile web apps. Additionally, through the practical samples in the book you will have been given solid exposure of where both the opportunities and challenges lie when building mobile apps the web way.

Google App Engine Java and GWT Application Development

Cloud computing refers to the combination of large scale hardware resources at datacenters integrated by system software that provides services, commonly known as Software-as-a-Service (SaaS), over the Internet. As a result of more affordable datacenters, cloud computing is slowly making its way into the mainstream business arena and has the potential to revolutionize the IT industry. As more cloud computing solutions become available, it is expected that there will be a shift to what is sometimes referred to as the Web Operating System. The Web Operating System, along with the sense of infinite computing resources on the "cloud" has the potential to bring new challenges in software engineering. The motivation of this report, which is divided into two parts, is to understand these challenges. The first part gives a brief introduction and analysis of cloud computing. The second part focuses on Google's cloud computing platform and evaluates the implementation of a micro blogging site using Google's App Engine.

Professional AndroidTM Application Development

10の実践サンプルで学ぶクラウドアプリの作り方 Google App Engineは、Googleが提供するクラウド環境です。開発キット(SDK)が提供されており、お手軽にクラウドアプリを作れるのが特徴です。本書は、Google App Engineで実際にクラウドアプリを作りながら、基礎知識や仕組み、実践的なプログラミング方法を学ぶことができる書籍です。インスタントメッセンジャーで話しかけると俳句を詠むbotアプリ、GPS付き携帯から今いる場所をGoogleマップに登録できるサービス、人工無能のTwitter bot、新刊情報をリアルタイム表示するガジェット、iPhone用ゲーム、複数人で利用できる仮想ホワイトボードなど、「作って楽しい」をコンセプトとした10のサンプルプログラムを用意しています。これらを自分の手で作りながら、Google AppEngineによるクラウドアプリ作成の流れや手順、プログラミングのコツを身につけていきます。最新のGoogle App Engine 1.4に対応。
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Pro Android Web Apps

From small start-ups to major corporations, companies of all sizes have embraced cloud computing for the scalability, reliability, and cost benefits it can provide. It has even been said that cloud computing may have a greater effect on our lives than the PC and dot-com revolutions combined.Filled with comparative charts and decision trees, Impleme

Programming Google App Engine with Java

Practical recipes to implement cost-effective and scalable cloud solutions for your organization Key Features Implement Google Cloud services in your organization Leverage Google Cloud components to secure your organization’s data A recipe-based guide that promises hands-on experience in deploying a highly scalable and available environment Book Description Google Cloud Platform is a cloud computing platform that offers products and services to host applications using state-of-the art infrastructure and technology. You can build and host applications and websites, store data, and analyze data on Google's scalable infrastructure. This book follows a recipe-based approach, giving you hands-on experience to make the most of Google Cloud services. This book starts with practical recipes that explain how to utilize Google Cloud's common services. Then, you'll see how to make full use of Google Cloud components such as networking, security, management, and developer tools. Next, we'll deep dive into implementing core Google Cloud services into your organization, with practical recipes on App Engine, Compute Engine microservices with Cloud Functions, virtual networks, and Cloud Storage. Later, we'll provide recipes on implementing authentication and security, Cloud APIs, command-line management, deployment management, and the Cloud SDK. Finally, we'll cover administration troubleshooting tasks with the Compute and Container Engines and we'll show how to monitor your organization's efficiency with best practices. By the end of this book, you'll have a complete understanding of how to implement Google Cloud services in your organization with ease. What you will learn Host a Python application on Google Compute Engine Host an application using Google Cloud Functions Migrate a MySQL DB to Cloud Spanner Configure a network for a highly available application on GCP Learn simple image processing using Storage and Cloud Functions Automate security checks using Policy Scanner Understand tools for monitoring a production environment in GCP Learn to manage multiple projects using service accounts Who this book is for This book is for IT professionals, engineers, and developers looking at implementing Google Cloud in their organizations. Administrators and architects planning to make their organization more efficient with Google Cloud will also find this book useful. Basic understanding of Cloud services and the Google Cloud platform is necessary.

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