

Memcached

Ray Bogman, Vladimir Kerkhoff

Getting Started with Memcached Ahmed Soliman Farghal, 2013-11 Speed up and scale out your web applications with Memcached Overview Set up the Memcached service on your server or development machine Use Memcached on your Java, Ruby, Python, and PHP applications Full of practical, real-world examples and easy-to-follow explanations In Detail Web application performance is no longer a non-functional requirement, but an implicit condition for an engaging user experience. As a result, responsive and highly scalable applications are becoming a necessity. Memcached is a high-performance distributed memory caching system built to speed up dynamic web applications by offloading pressure from your database. Getting Started with Memcached is a hands-on, comprehensive guide to the Memcached service and its API in different programming languages. It contains practical recipes to integrate Memcached within your Rails, Django, or even Scala Play! applications. This book will show you everything you need to know to start using Memcached in your existing or new web applications. This book uses real-world recipes to help you learn how to store and retrieve data from your clustered virtual memory cache pool and how to integrate caching into your favourite web development framework. You will also learn how to build a Memcached consistent-hashing scalable cluster and how Memcached clients are properly configured to use different servers to scale out your memory cache pool in Ruby, Python, PHP, and Java. With this book, you will see how to cache templates and database queries in the most popular web development framework in use today. What you will learn from this book Install Memcached on Ubuntu and Mac OS X Understand how the Memcached server works Learn how the Memcached protocol is designed Build a Memcached scalable cluster Use Memcached with Ruby, Python, PHP, Java as well as with your Play! application Integrate Memcached within your Rails applications Cache templates in Django applications Approach This book is an easy-to-follow guide full of hands-on examples of real-world administration tasks, which will help you design and build highly scalable and very fast web applications. Who this book is written for This book is ideal for web application developers looking for hands-on, practical, and to-the-point recipes to integrate the Memcached service into their day-to-day programming tasks. No prior knowledge of Memcached is assumed for using this book.

Developing Web Applications with Apache, MySQL, memcached, and Perl Patrick Galbraith, 2009-06-24 The only book to address using cache to enhance and speed up Web application development Developers use Apache, MySQL, memcached, and Perl to build dynamic Web sites that store information within the MySQL database; this is the only book to

address using these technologies together to alleviate the database load in Web development Covers each of the four systems and shows how to install, set up, and administer them; then shows the reader how to put the parts together to start building applications Explains the benefits of a base perl library for code re-use, and provides sample applications that demonstrate in a practical way the information covered in the previous chapters Examines monitoring, performance, and security, with a problem-solving chapter that walks the reader through solving real-world issues

Source Code Exploration with Memcached Praveen Raj, Prashanth Raghu, 2023-12-11 Architect your own benchmarks
KEY FEATURES ● Learn implementation and design of Memcached. ● Understand programming practices and structures across open-source systems. ● Understand the principles of LRU cache management and slab allocation. ● Discover real-world applications of Memcached in industry giants. **DESCRIPTION** Open-source development has been the single most significant contributor to the development community, and the contributions are used across the IT landscape including corporations, universities, schools, etc. Despite being highly popular, contributing to open-source and navigating open-source systems has always been challenging. Some reasons could be that most open-source developers hold other day jobs, which might also be their regular work. Memcached is one of the largest commercially and non-commercially used caching systems in the IT world, with a relatively smaller codebase that enables developers to understand the basic skeletal of source code structures while enabling developers to hone their skills towards the development of high-quality production-grade, enterprise-ready open-source software. Most server-based technologies. Open-source development skills enable developers to understand the intricacies of softwares, enabling robust decision-making while choosing technologies over trends and making mature decisions on a day-to-day development basis. This book is for all programming enthusiasts and is designed to be a Source code 101 level book, but it can help developers elevate to architect-level decision-making as well as architects to make solid software decisions while building the systems. **WHAT YOU WILL LEARN** ● Uncover the secrets of Memcached, a high-performance caching system. ● Learn about security measures safeguarding Memcached's integrity and scalability. ● Understand large-scale use cases of Memcached and how to continue further study of open source systems. ● Students can learn the implementation of most concepts through their journey with a practical approach. **WHO THIS BOOK IS FOR** This book is designed for software developers, system administrators, and IT professionals who want to delve into the world of Memcached, a high-performance caching system. It is a comprehensive guide to Memcached's architecture, design, and implementation for all programming enthusiasts. **TABLE OF CONTENTS** 1. Source Code Explorations in Open-Source Systems 2. Getting Started with Memcached Design 3. Design of Event Loop 4. Server Initialization 5. LRU Cache 6. Slab Management 7. Server Authentication 8. Protocol Definitions 9. Background Processes 10. Proxy Server Design and External Storage 11. Using Memcached at Scale 12. Continuation of the Exploration Journey

Facebook Cookbook Jay Goldman, 2008-10-23 Want to build Facebook applications that truly stand out among the

thousands already available? In addition to providing easy-to-follow recipes that offer practical ways to design and build scalable applications using the Facebook Platform and its new profile design, this Cookbook also explains proven strategies for attracting users in this highly competitive environment. With plenty of examples and practical solutions, Facebook Cookbook answers some of the hardest questions Facebook application developers contend with -- including how and where to get started. This Cookbook will help you: Learn to build an application that scales to accommodate a sudden influx of users Explore changes from Facebook's old profile design to the new look and feel Take advantage of new integration points in the new profile design Get tips for designing applications with hosting and deployment costs in mind Discover which widgets and controls to use for building the most attractive user interface design Learn the differences between standard HTML, JavaScript, and SQL, and the versions used on the Facebook Platform Target large, defined groups on Facebook, including those who want to find jobs, hire employees, market a business, advertise, and more If you can build simple web applications with HTML, Facebook Cookbook will help you build applications with the potential to reach millions of users around the globe. Learn what it takes to design applications that stand above the rest.

Getting Started with Memcached, 2014

Expert PHP and MySQL Andrew Curioso, Ronald Bradford, Patrick Galbraith, 2010-04-09 Best practices and expert techniques for even the most demanding MySQL-driven PHP applications PHP is the world's most popular, general-purpose, open-source scripting language and MySQL is the world's most popular open-source database. This expert-level book begins with a brief overview of the two technologies and quickly moves on to coverage of advanced programming techniques, as well as the exciting new features of the PHP 5.3 release. Written by three of PHP and MySQL experts and veteran authors, this resource focuses on best practices and expert techniques that can be applied to the most difficult MySQL-driven PHP applications. The authors share design patterns and tools that they themselves have tested in order to save you valuable time usually spent on figuring things out via trial and error. Reveals best practices and advanced techniques for handling challenges you may face with MySQL-driven PHP apps Reviews practical data reporting techniques for separating business logic from presentation Explains how to obtain improved performance and flexibility through caching, multi-tasking, PHP extensions, and MySQL user defined functions Discusses security, optimization, and debugging Shares author-tested design patterns and tools to save you time and effort Packed with helpful examples and indispensable advice, this book shares tips and tricks that you can immediately apply to your projects.

Puppet 5 Cookbook Thomas Uphill, 2018-06-28 Write custom plugins for Puppet, including facts, providers, and functions Key Features Grasp recipes that work with centralized and decentralized deployments Explore language differences and enhancements anticipated in Puppet version 5.x Gain expert understanding of Puppet's latest and most advanced features Book Description Puppet is a configuration management system that automates all your IT configurations,

giving you control of managing each node. Puppet 5 Cookbook will take you through Puppet's latest and most advanced features, including Docker containers, Hiera, and AWS Cloud Orchestration. Updated with the latest advancements and best practices, this book delves into various aspects of writing good Puppet code, which includes using Puppet community style, checking your manifests with puppet-lint, and learning community best practices with an emphasis on real-world implementation. You will learn to set up, install, and create your first manifests with version control, and also learn about various sysadmin tasks, including managing configuration files, using Augeas, and generating files from snippets and templates. As the book progresses, you'll explore virtual resources and use Puppet's resource scheduling and auditing features. In the concluding chapters, you'll walk through managing applications and writing your own resource types, providers, and external node classifiers. By the end of this book, you will have learned to report, log, and debug your system. What you will learn Discover the latest and most advanced features of Puppet Master techniques to deal with centralized and decentralized Puppet deployments Use exported resources and forge modules to configure and deploy applications Create efficient manifests to streamline your deployments Automate deployment of puppet environment using git-hooks Deploy AWS instances and Docker containers with Puppet Make Puppet reliable, performant, and scalable Who this book is for Puppet 5 Cookbook is for anyone who builds and administers servers, especially in a web operations context. You'll need some experience of Linux systems administration, including familiarity with the command line, filesystem, and text editing. No prior programming experience is required.

Beginning Ruby on Rails E-Commerce Jarkko Laine, Christian Hellsten, 2007-04-30 Ruby on Rails offers developers the opportunity to create fully-featured web applications in double-quick time. Rails and e-commerce are a match made in heaven and *Beginning Ruby on Rails E-Commerce* is the first book to directly target this market. The book explains, via real-life scenarios, how to use Rails to create every aspect of an online store - from creating a product catalog, to building a reliable shopping cart system, all the way to features and functions like customer feedback forums. This combination of high sophistication and broad focus makes this an essential working reference - the book all developers are calling for.

Pro MySQL NDB Cluster Jesper Wisborg Krogh, Mikiya Okuno, 2017-11-03 Create and run a real-time, highly-available, and high-redundancy version of the world's most popular open-source database, MySQL. You will understand the advantages and disadvantages of the MySQL NDB Cluster solution, and when MySQL NDB Cluster is the right choice. *Pro MySQL NDB Cluster* walks you through the full lifecycle of a MySQL Cluster installation: starting with the installation and initial configuration, moving through online configuration and schema changes, and completing with online upgrades. Along the way, you will learn to monitor your cluster, make decisions about schema design, implement geographic replication, troubleshoot and optimize performance, and much more. This book covers the many programming APIs that are supported by MySQL NDB Cluster. There's also robust coverage of connecting to MySQL NDB Cluster from Java, SQL, memcached, and

even from C++. From any of these languages, you'll be able to connect and store and retrieve data as your applications demand. The book: Covers MySQL NDB Cluster concepts and architecture Takes you through the MySQL NDB Cluster lifecycle from installation to upgrades Guides you through DBA and Developer decisions when working with MySQL NDB Cluster What You'll Learn Understand the shared-nothing architecture behind MySQL NDB Cluster Plan, install, and configure a MySQL NDB Cluster environment Perform everyday tasks such as backing up, restoring, and upgrading Develop applications from Java, memcached, C++, and SQL Troubleshoot and resolve application performance problems Master enterprise-level features such the MySQL NDB Cluster Manager Who This Book Is For Database administrators and developers who are looking into deploying MySQL NDB Cluster, or who already have a cluster in production and want to increase their knowledge and ability to handle routine administrative tasks and troubleshooting. The book also is for those developers wanting to employ MySQL NDB Cluster as their chosen storage engine from Java, memcached, and C++ applications.

Python Web Development with Django Jeff Forcier, Paul Bissex, Wesley J Chun, 2008-10-24 Using the simple, robust, Python-based Django framework, you can build powerful Web solutions with remarkably few lines of code. In *Python Web Development with Django*®, three experienced Django and Python developers cover all the techniques, tools, and concepts you need to make the most of Django 1.0, including all the major features of the new release. The authors teach Django through in-depth explanations, plus provide extensive sample code supported with images and line-by-line explanations. You'll discover how Django leverages Python's development speed and flexibility to help you solve a wide spectrum of Web development problems and learn Django best practices covered nowhere else. You'll build your first Django application in just minutes and deepen your real-world skills through start-to-finish application projects including Simple Web log (blog) Online photo gallery Simple content management system Ajax-powered live blogger Online source code sharing/syntax highlighting tool How to run your Django applications on the Google App Engine This complete guide starts by introducing Python, Django, and Web development concepts, then dives into the Django framework, providing a deep understanding of its major components (models, views, templates), and how they come together to form complete Web applications. After a discussion of four independent working Django applications, coverage turns to advanced topics, such as caching, extending the template system, syndication, admin customization, and testing. Valuable reference appendices cover using the command-line, installing and configuring Django, development tools, exploring existing Django applications, the Google App Engine, and how to get more involved with the Django community. Introduction 1 Part I: Getting Started Chapter 1: Practical Python for Django 7 Chapter 2: Django for the Impatient: Building a Blog 57 Chapter 3: Starting Out 77 Part II: Django in Depth Chapter 4: Defining and Using Models 89 Chapter 5: URLs, HTTP Mechanisms, and Views 117 Chapter 6: Templates and Form Processing 135 Part III: Django Applications by Example Chapter 7: Photo Gallery 159 Chapter 8: Content

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Puppet Cookbook - Third Edition Thomas Uphill, John Arundel, 2015-02-20 This book is for anyone who builds and administers servers, especially in a web operations context. It requires some experience of Linux systems administration, including familiarity with the command line, file system, and text editing. No programming experience is required.

Practical Ruby Gems David Berube, 2007-09-08 This book is a comprehensive guide to utilizing and creating Ruby Gems. Coverage provides an enormous code library that will help developers improve their projects. It details 34 of the best and most useful Gems, including ones to speed up web applications, process credit card payments, produce PDF documents, read and update RSS feeds, and acquire real-time shipping prices from FedEx and UPS. Each of these also comes complete with actual use cases and code examples that readers can immediately use in their own projects. In addition, the book describes how readers can package and distribute their own Ruby Gems.

DevOps: Puppet, Docker, and Kubernetes Thomas Uphill, John Arundel, Neependra Khare, Hideto Saito, Hui-Chuan Chloe Lee, Ke-Jou Carol Hsu, 2017-03-31 Get hands-on recipes to automate and manage Linux containers with the Docker 1.6 environment and jump-start your Puppet development About This Book Successfully deploy DevOps with proven solutions and recipes Automate your infrastructure with Puppet and combine powerful DevOps methods Deploy and manage highly scalable applications using Kubernetes streamline the way you manage your applications Who This Book Is For This Learning Path is for developers, system administrators, and DevOps engineers who want to use Puppet, Docker, and Kubernetes in their development, QA, or production environments. This Learning Path assumes experience with Linux administration and requires some experience with command-line usage and basic text file editing. What You Will Learn Discover how to build high availability Kubernetes clusters Deal with inherent issues with container virtualization and container concepts Create services with Docker to enable the swift development and deployment of applications Make optimum use of Docker in a testing environment Create efficient manifests to streamline your deployments Automate Puppet master deployment using Git hooks, r10k, and PuppetDB In Detail With so many IT management and DevOps tools on the market, both open source and commercial, it's difficult to know where to start. DevOps is incredibly powerful when implemented correctly, and here's how to get it done. This Learning Path covers three broad areas: Puppet, Docker, and Kubernetes. This Learning Path is a large resource of recipes to ease your daily DevOps tasks. We begin with recipes that help you develop a complete and expert understanding of Puppet's latest and most advanced features. Then we provide recipes that help you efficiently work with the

Docker environment. Finally, we show you how to better manage containers in different scenarios in production using Kubernetes. This course is based on these books: Puppet Cookbook, Third Edition Docker Cookbook Kubernetes Cookbook Style and approach This easy-to-follow tutorial-style guide teaches you precisely how to configure complex systems in Puppet and manage your containers using Kubernetes.

Magento 2 Cookbook Ray Bogman,Vladimir Kerkhoff,2016-03-28 Over 50 practical recipes that will help you realize the full potential of Magento in order to build a professional online store About This Book Take advantage of the latest features in Magento 2 to set up an e-commerce store that fits your business needs Packed with several advanced recipes, not just to manage your online store, but to extend and design it as well Written in a cookbook style, you can pick and choose your recipe to carry out your day- to- day Magento store tasks Who This Book Is For The book is for existing Magento users who want to gain further expertise and insights into managing, designing, and extending their online store in Magento to fit their business needs. Working knowledge of Magento and basic familiarity with programming is expected. What You Will Learn Set up a Magento 2 project on Apache or Nginx. Transfer your Magento 1 database to Magento 2 using the Magento 2 system tools. Boost the performance of Magento 2 by enabling different types of caching. Build a Magento 2 multi-store by creating a root catalog, subdirectories, and products. Create and manage pages, blocks, and front-end apps. Manage your Magento store by setting up the correct TAX rules. Design custom themes within the Magento 2 framework. Create basic and advanced extensions using Magento 2. In Detail Magento 2 is an open source e-commerce platform that has all the functionality to function from small to large online stores. It is preferred by developers and merchants due to its new architecture, which makes it possible to extend the functionalities with plugins, a lot of which are now created by the community. This merchant and developer guide is packed with recipes that cover all aspects of Magento 2. The recipes start with simple how-to's then delve into more advanced topics as the book progresses. We start with the basics of setting up a Magento 2 project on Apache or Nginx. Next, you will learn about basics including system tools and caching to get your Magento 2 system ready for the real work. We move on to simple tasks such as managing your store and catalog configuration. When you are familiar with this, we cover more complex features such as module and extension development. Then we will jump to the final part: advanced Magento 2 extensions. By the end of this book, you'll be competent with all the development phases of Magento 2 and its most common elements. Style and approach Step by step guide for real world tasks for Magento users to gain a more advanced insight on managing, extending and designing their e-commerce store to fit their business needs.

Magento 2 - Build World-Class online stores Fernando J. Miguel,Ray Bogman,Vladimir Kerkhoff,Bret Williams,Jonathan Bownds,2017-03-31 Create rich and compelling solutions for Magento 2 by developing and implementing solutions, themes, and extensions About This Book Be proficient in the main functionalities, resources, and system structure

of Magento 2 Get to grips with this practical and hands-on guide to raise your web development skills to the next level Packed with several advanced recipes, not just to manage your online store, but to extend and design it as well Who This Book Is For The ideal target audience for this course could be anyone who wants to mould their skills in building amazing e-commerce websites using Magento. We begin right from getting you started with Magento to becoming an expert at building your own online stores with it. What You Will Learn Install and set up the Magento Ecosystem Carry out performance adjustments to speed up your Magento system Transfer your Magento 1 database to Magento 2 using the Magento 2 system tools Build a Magento 2 multi-store by creating a root catalog, subdirectories, and products Design custom themes within the Magento 2 framework Create extensions using Magento 2 Discover what makes Magento 2 different and more powerful In Detail Magento is the leading e-commerce software trusted by world`s leading organizations. Used by thousands of merchants for their transactions worth billions, it provides the flexibility to customize the content and functionality of your website. Our Magento Course will help you gain knowledge and skills that are required to design & develop world class online stores. Magento 2 Development Essentials - This book begins by setting up Magento 2 before gradually moving onto setting the basic options of the Sell System. You will learn Search Engine Optimization aspects, create design and customize theme layout, and adjust the Magento System to achieve great performance. Magento 2 Cookbook - This book is divided into several recipes, which show you which steps to take to complete a specific action. It will cover configuring your categories and products, performance tuning, creating a theme, developing a module etc. At the end of this book, you will gain the knowledge to start building a success website. Mastering Magento 2 - This is a comprehensive guide to using the all new features and interface of Magento 2 to build, extend, and design online stores. This book is your roadmap to managing your Magento store which teaches advanced and successful techniques. Focusing on Magento's Community version, this book offers you advanced guidance on managing, optimizing, and extending your store while taking advantage of the new features of Magento 2. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products Magento 2 Development Essentials by Fernando J. Miguel Magento 2 Cookbook by Ray Bogman and Vladimir Kerkhoff Mastering Magento 2 by Bret Williams and Jonathan Bowns Style and approach This course begins by setting up Magento 2 before gradually moving on to setting the basic options of the Sell System. You will master Search Engine Optimization aspects, create designs and customize theme layouts, develop new extensions, and adjust the Magento System to achieve great performance. The book covers everything from creating and managing multiple stores to fine-tuning Magento for speed and performance.

The Definitive Guide to Django Jacob Kaplan-Moss,Adrian Holovaty,2008-03-08 Django, the Python-based Web development framework, is one of the hottest topics in Web development today. Its creator (and co-author of this book) Adrian Holovaty has built a compelling array of Web applications using Django, including <http://chicagocrime.org>. Django

creator Adrian Holovaty and lead developer Jacob Kaplan-Moss have created this book as the definitive guide to the technology. Beginning with fundamentals such as installation and configuration, the book tackles sophisticated features of Django, such as outputting non-HTML content such as RSS feeds and PDFs, caching, and user management. Also includes a detailed reference to Django's many configuration options and commands.

PHP Cookbook David Sklar,Adam Trachtenberg,2014-06-30 Want to understand a certain PHP programming technique? Or learn how to accomplish a particular task? This cookbook is the first place to look. With more than 350 code-rich recipes revised for PHP 5.4 and 5.5, this third edition provides updated solutions for generating dynamic web content—everything from using basic data types to querying databases, and from calling RESTful APIs to testing and securing your site. Each recipe includes code solutions that you can freely use, along with a discussion of how and why they work. Whether you're an experienced PHP programmer or coming to PHP from another language, this book is an ideal on-the-job resource. You'll find recipes to help you with: Basic data types: strings, numbers, arrays, and dates and times Program building blocks: variables, functions, classes, and objects Web programming: cookies, forms, sessions, and authentication Database access using PDO, SQLite, and other extensions RESTful API clients and servers, including HTTP, XML, and OAuth Key concepts: email, regular expressions, and graphics creation Designing robust applications: security and encryption, error handling, debugging and testing, and performance tuning Files, directories, and PHP's Command Line Interface Libraries and package managers such as Composer and PECL

MySQL 8 for Big Data Shabbir Challawala,Jaydip Lakhatariya,Chintan Mehta,Kandarp Patel,2017-10-20 Uncover the power of MySQL 8 for Big Data About This Book Combine the powers of MySQL and Hadoop to build a solid Big Data solution for your organization Integrate MySQL with different NoSQL APIs and Big Data tools such as Apache Sqoop A comprehensive guide with practical examples on building a high performance Big Data pipeline with MySQL Who This Book Is For This book is intended for MySQL database administrators and Big Data professionals looking to integrate MySQL 8 and Hadoop to implement a high performance Big Data solution. Some previous experience with MySQL will be helpful, although the book will highlight the newer features introduced in MySQL 8. What You Will Learn Explore the features of MySQL 8 and how they can be leveraged to handle Big Data Unlock the new features of MySQL 8 for managing structured and unstructured Big Data Integrate MySQL 8 and Hadoop for efficient data processing Perform aggregation using MySQL 8 for optimum data utilization Explore different kinds of join and union in MySQL 8 to process Big Data efficiently Accelerate Big Data processing with Memcached Integrate MySQL with the NoSQL API Implement replication to build highly available solutions for Big Data In Detail With organizations handling large amounts of data on a regular basis, MySQL has become a popular solution to handle this structured Big Data. In this book, you will see how DBAs can use MySQL 8 to handle billions of records, and load and retrieve data with performance comparable or superior to commercial DB solutions with higher

costs. Many organizations today depend on MySQL for their websites and a Big Data solution for their data archiving, storage, and analysis needs. However, integrating them can be challenging. This book will show you how to implement a successful Big Data strategy with Apache Hadoop and MySQL 8. It will cover real-time use case scenario to explain integration and achieve Big Data solutions using technologies such as Apache Hadoop, Apache Sqoop, and MySQL Applier. Also, the book includes case studies on Apache Sqoop and real-time event processing. By the end of this book, you will know how to efficiently use MySQL 8 to manage data for your Big Data applications. Style and approach Step by Step guide filled with real-world practical examples.

Mastering OpenStack Omar Khedher, Chandan Dutta Chowdhury, 2017-04-26 Discover your complete guide to designing, deploying, and managing OpenStack-based clouds in mid-to-large IT infrastructures with best practices, expert understanding, and more About This Book Design and deploy an OpenStack-based cloud in your mid-to-large IT infrastructure using automation tools and best practices Keep yourself up-to-date with valuable insights into OpenStack components and new services in the latest OpenStack release Discover how the new features in the latest OpenStack release can help your enterprise and infrastructure Who This Book Is For This book is for system administrators, cloud engineers, and system architects who would like to deploy an OpenStack-based cloud in a mid-to-large IT infrastructure. This book requires a moderate level of system administration and familiarity with cloud concepts. What You Will Learn Explore the main architecture design of OpenStack components and core-by-core services, and how they work together Design different high availability scenarios and plan for a no-single-point-of-failure environment Set up a multinode environment in production using orchestration tools Boost OpenStack's performance with advanced configuration Delve into various hypervisors and container technology supported by OpenStack Get familiar with deployment methods and discover use cases in a real production environment Adopt the DevOps style of automation while deploying and operating in an OpenStack environment Monitor the cloud infrastructure and make decisions on maintenance and performance improvement In Detail In this second edition, you will get to grips with the latest features of OpenStack. Starting with an overview of the OpenStack architecture, you'll see how to adopt the DevOps style of automation while deploying and operating in an OpenStack environment. We'll show you how to create your own OpenStack private cloud. Then you'll learn about various hypervisors and container technology supported by OpenStack. You'll get an understanding about the segregation of compute nodes based on reliability and availability needs. We'll cover various storage types in OpenStack and advanced networking aspects such as SDN and NFV. Next, you'll understand the OpenStack infrastructure from a cloud user point of view. Moving on, you'll develop troubleshooting skills, and get a comprehensive understanding of services such as high availability and failover in OpenStack. Finally, you will gain experience of running a centralized logging server and monitoring OpenStack services. The book will show you how to carry out performance tuning based on OpenStack service logs. You will be able to master

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Advanced Rails Brad Ediger,2007-12-21 A guide to building applications with Rails covers such topics as metaprogramming, Active Support library, advanced database functions, security principles, RESTful architecture, and optimizing performance.

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Memcached Introduction

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