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Red Hat OpenShift V4.3 on IBM Power Systems Reference Guide [IBM Redbooks](#) This IBM® Redpaper publication describes how to deploy Red Hat OpenShift V4.3 on IBM Power Systems servers. This book presents reference architectures for deployment, initial sizing guidelines for server, storage, and IBM Cloud® Paks. Moreover, this publication delivers information about initial supported Power System configurations for Red Hat OpenShift V4.3 deployment (bare metal, IBM PowerVM® LE LPARs, and others). This book serves as a guide for how to deploy Red Hat OpenShift V4.3 and provide start guidelines and recommended practices for implementing it on Power Systems and completing it with the supported IBM Cloud Paks. The publication addresses topics for developers, IT architects, IT specialists, sellers, and anyone who wants to implement a Red Hat OpenShift V4.3 and IBM Cloud Paks on IBM Power Systems. This book also provides technical content to transfer how-to skills to the support teams, and solution guidance to the sales team. This book compliments the documentation that is available at IBM Knowledge Center, and also aligns with the educational offerings that are provided by the IBM Systems Technical Education (SSE). **Apache Roller 4.0, Beginner's Guide A Comprehensive, Step-by-step Guide on How to Set Up, Customize, and Market Your Blog Using Apache Roller** [Packt Publishing Ltd](#) A comprehensive, step-by-step guide on how to set up, customize, and market your blog using Apache Roller. **Apache Hadoop YARN Moving beyond MapReduce and Batch Processing with Apache Hadoop 2** [Addison-Wesley Professional](#) "This book is a critically needed resource for the newly released Apache Hadoop 2.0, highlighting YARN as the significant breakthrough that broadens Hadoop beyond the MapReduce paradigm." —From the Foreword by Raymie Stata, CEO of Altiscale **The Insider's Guide to Building Distributed, Big Data Applications with Apache Hadoop™ YARN** Apache Hadoop is helping drive the Big Data revolution. Now, its data processing has been completely overhauled: Apache Hadoop YARN provides resource management at data center scale and easier ways to create distributed applications that process petabytes of data. And now in Apache Hadoop™ YARN, two Hadoop technical leaders show you how to develop new applications and adapt existing code to fully leverage these revolutionary advances. YARN project founder Arun Murthy and project lead Vinod Kumar Vavilapalli demonstrate how YARN increases scalability and cluster utilization, enables new programming models and services, and opens new options beyond Java and batch processing. They walk you through the entire YARN project lifecycle, from installation through deployment. You'll find many examples drawn from the authors' cutting-edge experience—first as Hadoop's earliest developers and implementers at Yahoo! and now as Hortonworks developers moving the platform forward and helping customers succeed with it. Coverage includes YARN's goals, design, architecture, and components—how it expands the Apache Hadoop ecosystem **Exploring YARN on a single node Administering YARN clusters and Capacity Scheduler Running existing MapReduce applications Developing a large-scale clustered YARN application Discovering new open source frameworks that run under YARN** **Magento 2 Cookbook** [Packt Publishing Ltd](#) 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. **Learning MySQL** ["O'Reilly Media, Inc."](#)**

Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery. **The Definitive Guide to MySQL 5** [Apress](#) * MySQL 5, due to be released in summer 2005, is slated to be the most significant release in the product's history. **The Definitive Guide to MySQL 5, Third Edition** is the first book to offer in-depth instruction on the new features. * This book shows readers how to connect to MySQL via all of the major APIs, including PHP, Perl, Java, JSP, and C#. * Novice and intermediate database administrators are introduced to both MySQL's key features, and crucial database management concepts by way of real-world examples such as discussion forums, online polls, and other data administration projects. **Indispensable** [White Magic Software, Ltd.](#)

Complete Guide to Open Source Big Data Stack [Apress](#) See a Mesos-based big data stack created and the components used. You will use currently available Apache full and incubating systems. The components are introduced by example and you learn how they work together. In the **Complete Guide to Open Source Big Data Stack**, the author begins by creating a private cloud and then installs and examines Apache Brooklyn. After that, he uses each chapter to introduce one piece of the big data stack—sharing how to source the software and how to install it. You learn by simple example, step by step and chapter by chapter, as a real big data stack is created. The book concentrates on Apache-based systems and shares detailed examples of cloud storage, release management, resource management, processing, queuing, frameworks, data visualization, and more. **What You'll Learn** Install a private cloud onto the local cluster using Apache cloud stack Source, install, and configure Apache: Brooklyn, Mesos, Kafka, and Zeppelin See how Brooklyn can be used to install Mule ESB on a cluster and Cassandra in the cloud Install and use DCOS for big data processing Use Apache Spark for big data stack data processing **Who This Book Is For** Developers, architects, IT project managers, database administrators, and others charged with developing or supporting a big data system. It is also for anyone interested in Hadoop or big data, and those experiencing problems with data size. **Practical LPIC-1 Linux Certification Study Guide** [Apress](#) This book is your complete guide to studying for the Linux Professional Institute's Server Professional (LPIC-1) certification. Every concept, principle, process, and resource that might make an appearance on the exam is fully represented. You will understand every concept by rolling up your sleeves, opening up a terminal, and trying it all yourself. You will find suggestions for practical tasks along with "test-yourself" quizzes at the end of each chapter. Whether you've decided to earn the Linux Professional Institute's Server Professional certification or you simply want to learn more about Linux administration, this book is a great choice. Right now, Linux administration skills are opening doors to some of the hottest job markets. And with the ongoing explosive growth of the cloud computing world - the vast majority of which is being built with Linux - the scope of the opportunities will only increase. Whether or not you end up taking the exam, if you manage to learn this material, you'll have done yourself a real favor. **What You Will Learn** Basic Linux system administration and package management Device and desktop management Bash scripting Networking fundamentals Security administration **Who This Book Is For** Most potential readers will already have a decent idea of what Linux is and what kinds of things can be done with it, and are looking to acquire or formalize a more structured and complete ability to confidently administrate Linux systems.

Tomcat: The Definitive Guide [The Definitive Guide "O'Reilly Media, Inc."](#) It takes a book as versatile as its subject to cover Apache Tomcat, the popular open source Servlet and JSP container and high performance web server. **Tomcat: The Definitive Guide** is a valuable reference for administrators and webmasters, a useful guide for programmers who want to use Tomcat as their web application server during development or in production, and an excellent introduction for anyone interested in Tomcat. Updated for the latest version of Tomcat, this new edition offers a complete guide to installing, configuring, maintaining and securing this servlet container. In fact, with such a wealth of new information, this is essentially a new book rather than a simple revision. You will find details for using Tomcat on all major platforms, including Windows, Linux, OS X, Solaris, and FreeBSD, along with specifics on Tomcat configuration files, and step-by-step advice for deploying and running web applications. This book offers complete information for: **Installation and startup procedures** **Configuring Tomcat**-including realms, roles, users, servlet sessions, and JNDI resources including JDBC DataSources **Deploying web applications**-individual servlets and JSP pages, and web application archive files **Tuning Tomcat** to measure and improve performance **Integrating Tomcat with Apache Web Server** **Securing Tomcat** to keep online thugs at bay **Tomcat configuration files**-server.xml and web.xml, and more **Debugging and Troubleshooting**-diagnosing problems with Tomcat or a web application **Compiling your own Tomcat**, rather than using the pre-built release **Running two or more Tomcat servlet containers in parallel** This book also offers an overview of the Tomcat open source project's community resources, including docs, mailing lists, and more. **Community interest** fueled a strong demand for a Tomcat guide from O'Reilly. The result clearly exceeds expectations.

Learning PHP 5 ["O'Reilly Media, Inc."](#) PHP has gained a following among non-technical web designers who need to add interactive aspects to their sites. Offering a gentle learning curve, PHP is an accessible yet powerful language for creating dynamic web pages. As its popularity has grown, PHP's basic feature set has become increasingly more sophisticated. Now PHP 5 boasts advanced features--such as new object-oriented capabilities and support for XML and Web Services--that will please even the most experienced web professionals while still remaining user-friendly enough for those with a lower tolerance for technical jargon. If you've wanted to try your hand at PHP but haven't known where to start, then **Learning PHP 5** is the book you need. If you've wanted to try your hand at PHP but haven't known where to start, then **Learning PHP 5** is the book you need. With attention to both PHP 4 and the new PHP version 5, it provides everything from a explanation of how PHP works with your web server and web browser to the ins and outs of working with databases and HTML forms. Written by the co-author of the popular **PHP Cookbook**, this book is for intelligent (but not necessarily highly-technical) readers. **Learning PHP 5** guides you through every aspect of the language you'll need to master for professional web programming results. This book provides a hands-on learning experience complete with exercises to make sure the lessons stick. **Learning PHP 5** covers the following topics, and more: **How PHP works with your web browser and web server** **PHP language basics**, including data, variables, logic and looping **Working with arrays and functions** **Making web forms** **Working with databases like MySQL** **Remembering users**

with sessions Parsing and generating XML Debugging Written by David Sklar, coauthor of the PHP Cookbook and an instructor in PHP, this book offers the ideal classroom learning experience whether you're in a classroom or on your own. From learning how to install PHP to designing database-backed web applications, Learning PHP 5 will guide you through every aspect of the language you'll need to master to achieve professional web programming results. **CompTIA Linux+ Study Guide Exam XK0-004** [John Wiley & Sons](#) The bestselling study guide completely updated for the NEW CompTIA Linux+ Exam XK0-004 This is your one-stop resource for complete coverage of Exam XK0-004, covering 100% of all exam objectives. You'll prepare for the exam smarter and faster with Sybex thanks to superior content including, assessment tests that check exam readiness, objective map, real-world scenarios, hands-on exercises, key topic exam essentials, and challenging chapter review questions. Linux is a UNIX-based operating system originally created by Linus Torvalds with the help of developers around the world. Developed under the GNU General Public License, the source code is free. Because of this Linux is viewed by many organizations and companies as an excellent, low-cost, secure alternative to expensive OSs, such as Microsoft Windows. The CompTIA Linux+ exam tests a candidate's understanding and familiarity with the Linux Kernel. As the Linux server market share continues to grow, so too does demand for qualified and certified Linux administrators. Building on the popular Sybex Study Guide approach, this book will provide 100% coverage of the NEW Linux+ Exam XK0-004 objectives. The book contains clear and concise information on all Linux administration topic, and includes practical examples and insights drawn from real-world experience. Hardware and System Configuration Systems Operation and Maintenance Security Linux Troubleshooting and Diagnostics Automation and Scripting You'll also have access to an online test bank, including a bonus practice exam, electronic flashcards, and a searchable PDF of key terms. **CompTIA Linux+ Study Guide with Online Labs Exam XK0-004** [John Wiley & Sons](#) Virtual, hands-on learning labs allow you to apply your technical skills using live hardware and software hosted in the cloud. So Sybex has bundled CompTIA Linux+ labs from Practice Labs, the IT Competency Hub, with our popular CompTIA Linux+ Study Guide, Fourth Edition. Working in these labs gives you the same experience you need to prepare for the CompTIA Linux+ Exam XK0-004 that you would face in a real-life setting. Used in addition to the book, the labs are a proven way to prepare for the certification and for work in the IT and cybersecurity fields where Linux is fundamental to modern systems and security. This is your one-stop resource for complete coverage of Exam XK0-004, covering 100% of all exam objectives. You'll prepare for the exam smarter and faster with Sybex thanks to superior content including, assessment tests that check exam readiness, objective map, real-world scenarios, hands-on exercises, key topic exam essentials, and challenging chapter review questions. Linux is viewed by many organizations and companies as an excellent, low-cost, secure alternative to expensive OSs, such as Microsoft Windows and is crucial to today's server and cloud infrastructure. The CompTIA Linux+ exam tests a candidate's understanding and familiarity with the Linux. As the Linux server market share continues to grow, so too does demand for qualified and certified Linux administrators. Building on the popular Sybex Study Guide approach, this book will provide 100% coverage of the NEW Linux+ Exam XK0-004 objectives. The book contains clear and concise information on all Linux administration topic, and includes practical examples and insights drawn from real-world experience. Hardware and System Configuration Systems Operation and Maintenance Security Linux Troubleshooting and Diagnostics Automation and Scripting You'll also have access to an online test bank, including a bonus practice exam, electronic flashcards, and a searchable PDF of key terms. And with this edition you also get Practice Labs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to Practice Labs CompTIA Linux+ Exam XK0-004 Labs with 65 unique lab modules to practice your skills. **PHP Solutions Dynamic Web Design Made Easy** [Apress](#) Using a friendly, accessible and visual learning style, this book takes the reader through the details of setting up their development environment and PHP code basics as painlessly as possible, and shows how to wire together several real world PHP projects. The PHP code offered here generates semantically-sound markup, which is then attractively styled using CSS. The book is up-to-date with the latest versions of PHP (6) and MySQL (5) but is written to be compatible with older versions that readers might find on their hosting servers. Unlike other references, This book teaches security right from the start. **Pro Open Source Mail Building an Enterprise Mail Solution** [Apress](#) *Pro Open Source Mail: Building An Enterprise Mail Solution is the first book to cover development and deployment of an enterprise mail server environment *Authored by Curtis Smith, a system administrator with more than five years of experience managing mail environments *Shows readers how to filter spam using the popular SpamAssassin open source project and how to stop viruses using the MailScanner, Amavis, and ClamAV projects **Ubuntu 10.04 Lts Server Guide** [Fultus Corporation](#) The official "Ubuntu 10.04 LTS Server Guide" contains information on how to install and configure various server applications on your Ubuntu system to fit your needs. **The Definitive Guide to SUSE Linux Enterprise Server** [Apress](#) This book offers a comprehensive guide to Novell's Linux Enterprise Server, one of the most powerful Linux-based server solutions available today. The book guides readers through all of the most important aspects of SLES, beginning with an in-depth overview of installation and configuration tasks. Later chapters cover configuration and deployment of key services, including the MySQL database, file sharing and printing, Web, FTP, News, DNS, and Proxy Servers. van Vugt instructs readers on important administration concepts such as instituting strict file system security and server automation. Readers will also learn about how to cluster servers together to lessen downtime and increase performance. **Administrator's Guide to Linux in the Windows Enterprise** [CNET Networks Inc.](#) **The Definitive Guide to MySQL** Provides instructions on installing MySQL and building applications with a variety of programming languages. **AWS Certified Cloud Practitioner Study Guide with Online Labs CLF-C01 Exam** [John Wiley & Sons](#) Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular AWS Certified Cloud Practitioner Study Guide to give you the same experience working in these labs as you prepare for the Certified Cloud Practitioner Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Cloud Practitioner. The AWS Certified Cloud Practitioner Study

Guide: Exam CLF-C01 provides a solid introduction to this industry-leading technology, relied upon by thousands of businesses across the globe, as well as the resources you need to prove your knowledge in the AWS Certification Exam. This guide offers complete and thorough treatment of all topics included in the exam, beginning with a discussion of what the AWS cloud is and its basic global infrastructure and architectural principles. Other chapters dive into the technical, exploring core characteristics of deploying and operating in the AWS Cloud Platform, as well as basic security and compliance aspects and the shared security model. In addition, the text identifies sources of documentation or technical assistance, such as white papers or support tickets. To complete their coverage, the authors discuss the AWS Cloud value proposition and define billing, account management, and pricing models. This includes describing the key services AWS can provide and their common use cases (e.g., compute, analytics, etc.). Distinguish yourself as an expert by obtaining a highly desirable certification in a widely used platform Hone your skills and gain new insights on AWS whether you work in a technical, managerial, sales, purchasing, or financial field Fully prepare for this new exam using expert content and real-world knowledge, key exam essentials, chapter review questions, and other textual resources Benefit from access to the Sybex online interactive learning environment and test bank, including chapter tests, practice exams, key term glossary, and electronic flashcards XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to XtremeLabs AWS Certified Cloud Practitioner Labs with 8 unique lab modules based on the book. The AWS Certified Cloud Practitioner Study Guide is essential reading for any professional in IT or other fields that work directly with AWS, soon-to-be graduates studying in those areas, or anyone hoping to prove themselves as an AWS Certified Cloud Practitioner. Hands-on Guide to the Red Hat® Exams: RHCSA™ and RHCE® Cert Guide and Lab Manual [Pearson Education](#) "This book was written as a lab guide to help individuals pass the RHCSA (EX200) and RHCE (EX300) exams"-- Preface. Advanced PHP for Flash [Apress](#) Advanced PHP for Flash is the follow-up to the hugely popular Foundation PHP for Flash. The main aim of this book is to extend the reader's knowledge of using PHP and MySQL to produce dynamic content for Flash. Essentially, it picks up the baton from the first book and runs with it until there's no more road. The book takes the reader from being an intermediate to an advanced PHP/Flash developer, and helps them create some awesome Flash-based web applications along the way. It covers the core PHP features, as well as some exciting extras, that follow on directly from the knowledge gained in the first chapter, and show the reader how to use them in real-world applications. This book covers: Sessions File Uploading Advanced MySQL Socket Functions PHP and XML Ming Plus fully functional case studies This book is aimed squarely at those readers who want to create dynamic Flash-based web applications, and especially at those who have finished the first book and are hungry for more. As this book is pitched at those with an intermediate knowledge of PHP (and a decent grasp of MySQL) it has the advantage of being useful to both programmers and those coming over from the first book. Creating Maintainable APIs A Practical, Case-Study Approach [Apress](#) Build straightforward and maintainable APIs to create services that are usable and maintainable. Although this book focuses on distributed services, it also emphasizes how the core principles apply even to pure OOD and OOP constructs. The overall context of Creating Maintainable APIs is to classify the topics into four main areas: classes and interfaces, HTTP REST APIs, messaging APIs, and message payloads (XML, JSON and JSON API as well as Apache Avro). What You Will Learn Use object-oriented design constructs and their APIs Create and manage HTTP REST APIs Build and manage maintainable messaging APIs, including the use of Apache Kafka as a principal messaging hub Handle message payloads via JSON Who This Book Is For Any level software engineers and very experienced programmers. Fast Data Processing with Spark 2 [Packt Publishing Ltd](#) Learn how to use Spark to process big data at speed and scale for sharper analytics. Put the principles into practice for faster, slicker big data projects. About This Book A quick way to get started with Spark - and reap the rewards From analytics to engineering your big data architecture, we've got it covered Bring your Scala and Java knowledge - and put it to work on new and exciting problems Who This Book Is For This book is for developers with little to no knowledge of Spark, but with a background in Scala/Java programming. It's recommended that you have experience in dealing and working with big data and a strong interest in data science. What You Will Learn Install and set up Spark in your cluster Prototype distributed applications with Spark's interactive shell Perform data wrangling using the new DataFrame APIs Get to know the different ways to interact with Spark's distributed representation of data (RDDs) Query Spark with a SQL-like query syntax See how Spark works with big data Implement machine learning systems with highly scalable algorithms Use R, the popular statistical language, to work with Spark Apply interesting graph algorithms and graph processing with GraphX In Detail When people want a way to process big data at speed, Spark is invariably the solution. With its ease of development (in comparison to the relative complexity of Hadoop), it's unsurprising that it's becoming popular with data analysts and engineers everywhere. Beginning with the fundamentals, we'll show you how to get set up with Spark with minimum fuss. You'll then get to grips with some simple APIs before investigating machine learning and graph processing - throughout we'll make sure you know exactly how to apply your knowledge. You will also learn how to use the Spark shell, how to load data before finding out how to build and run your own Spark applications. Discover how to manipulate your RDD and get stuck into a range of DataFrame APIs. As if that's not enough, you'll also learn some useful Machine Learning algorithms with the help of Spark MLlib and integrating Spark with R. We'll also make sure you're confident and prepared for graph processing, as you learn more about the GraphX API. Style and approach This book is a basic, step-by-step tutorial that will help you take advantage of all that Spark has to offer. Eclipse Plug-in Development: Beginner's Guide [Packt Publishing Ltd](#) Develop skills to build powerful plug-ins with Eclipse IDE through examples About This Book Create useful plug-ins to make Eclipse work for you Learn how to migrate Eclipse 3.x plug-ins to Eclipse 4.x From automation to testing, find out how to get your IDE performing at an impressive standard Who This Book Is For This book is for Java developers familiar with Eclipse who need more from the IDE. This book will sharpen your confidence and make you a more productive developer with a tool that supports rather than limits you. What You Will Learn Create plug-ins for Eclipse 4.x Test plug-ins automatically with JUnit Display tree and table

information in views Upgrade Eclipse 3.x plug-ins to Eclipse 4.x Find out how to build user interfaces from SWT and JFace Run tasks in the background and update the user interface asynchronously Automate builds of plug-ins and features Automate user interface tests with SWTBot In Detail Eclipse is used by everyone from indie devs to NASA engineers. Its popularity is underpinned by its impressive plug-in ecosystem, which allows it to be extended to meet the needs of whoever is using it. This book shows you how to take full advantage of the Eclipse IDE by building your own useful plug-ins from start to finish. Taking you through the complete process of plug-in development, from packaging to automated testing and deployment, this book is a direct route to quicker, cleaner Java development. It may be for beginners, but we're confident that you'll develop new skills quickly. Pretty soon you'll feel like an expert, in complete control of your IDE. Don't let Eclipse define you - extend it with the plug-ins you need today for smarter, happier, and more effective development. Style and approach Packed with plenty of examples so you're never stuck, or never left simply reading instructions, this book encourages you to get started immediately. This book is for developers who want to develop, not just learn. OCA Oracle Solaris 11 System Administration Exam Guide (Exam 1Z0-821) [McGraw Hill Professional](#) The only Oracle Press guide to all three exams required for OCP Oracle Solaris 11 System Administrator and Oracle Certified Expert Oracle Solaris 11 Network Administrator certification OCP/OCE Oracle Solaris 11 System & Network Administrator All-in-One Exam Guide offers 100% coverage of all exam objectives for three Solaris 11 exams, preparing you for two Oracle credentials—OCP Oracle Solaris 11 System Administrator and Oracle Certified Expert Oracle Solaris 11 Network Administrator. By design, this Oracle Press exam guide allows you to prepare for the highest-level Solaris 11 credential, Oracle Certified Expert Network Administrator, while studying for the requisite OCP System Administrator credential. Beyond exam prep, the book also serves as an on-the-job reference, as each chapter includes examples, practice questions, and a chapter summary for a quick review of the chapter's salient points. Exam tips are also interspersed throughout the book to highlight key exam topics. The CD-ROM contains more than 300 practice exam questions, with an additional 300 available for free download, that match the content, feel, and difficulty of the real exam questions. OCP/OCE Oracle Solaris 11 System & Network Administrator All-in-One Exam Guide Covers Oracle Solaris 11 System AND Network Administrator exams Includes CD-ROM with three simulated practice exams and an e-book Offers three additional practice exams for download with free registration for a total of six complete practice exams Hadoop 2 Quick-Start Guide Learn the Essentials of Big Data Computing in the Apache Hadoop 2 Ecosystem [Addison-Wesley Professional](#) Get Started Fast with Apache Hadoop® 2, YARN, and Today's Hadoop Ecosystem With Hadoop 2.x and YARN, Hadoop moves beyond MapReduce to become practical for virtually any type of data processing. Hadoop 2.x and the Data Lake concept represent a radical shift away from conventional approaches to data usage and storage. Hadoop 2.x installations offer unmatched scalability and breakthrough extensibility that supports new and existing Big Data analytics processing methods and models. Hadoop® 2 Quick-Start Guide is the first easy, accessible guide to Apache Hadoop 2.x, YARN, and the modern Hadoop ecosystem. Building on his unsurpassed experience teaching Hadoop and Big Data, author Douglas Eadline covers all the basics you need to know to install and use Hadoop 2 on personal computers or servers, and to navigate the powerful technologies that complement it. Eadline concisely introduces and explains every key Hadoop 2 concept, tool, and service, illustrating each with a simple "beginning-to-end" example and identifying trustworthy, up-to-date resources for learning more. This guide is ideal if you want to learn about Hadoop 2 without getting mired in technical details. Douglas Eadline will bring you up to speed quickly, whether you're a user, admin, devops specialist, programmer, architect, analyst, or data scientist. Coverage Includes Understanding what Hadoop 2 and YARN do, and how they improve on Hadoop 1 with MapReduce Understanding Hadoop-based Data Lakes versus RDBMS Data Warehouses Installing Hadoop 2 and core services on Linux machines, virtualized sandboxes, or clusters Exploring the Hadoop Distributed File System (HDFS) Understanding the essentials of MapReduce and YARN application programming Simplifying programming and data movement with Apache Pig, Hive, Sqoop, Flume, Oozie, and HBase Observing application progress, controlling jobs, and managing workflows Managing Hadoop efficiently with Apache Ambari-including recipes for HDFS to NFSv3 gateway, HDFS snapshots, and YARN configuration Learning basic Hadoop 2 troubleshooting, and installing Apache Hue and Apache Spark Prestashop MVC Developer Guide [Lulu.com](#) PrestaShop is a free, open source eCommerce solution written in PHP. It supports payment gateways such as DirecPay, Google Checkout & PayPal. With this book you'll find a link to download 100Mb+ including the module ""MyProducts"" with its own documentation. This book will help you to customize the Prestashop 1.5 - 1.6 through the Admin panel, and to make advanced code changes and template customization. Many tools are discussed in this book to facilitate the developers and to help them to understand the architecture of Prestashop in the shortest amount of time. Alex works as developer manager for an IT group in London. He started as software developer in 1985. Spark: The Definitive Guide Big Data Processing Made Simple ["O'Reilly Media, Inc."](#) Learn how to use, deploy, and maintain Apache Spark with this comprehensive guide, written by the creators of the open-source cluster-computing framework. With an emphasis on improvements and new features in Spark 2.0, authors Bill Chambers and Matei Zaharia break down Spark topics into distinct sections, each with unique goals. You'll explore the basic operations and common functions of Spark's structured APIs, as well as Structured Streaming, a new high-level API for building end-to-end streaming applications. Developers and system administrators will learn the fundamentals of monitoring, tuning, and debugging Spark, and explore machine learning techniques and scenarios for employing MLlib, Spark's scalable machine-learning library. Get a gentle overview of big data and Spark Learn about DataFrames, SQL, and Datasets Spark's core APIs through worked examples Dive into Spark's low-level APIs, RDDs, and execution of SQL and DataFrames Understand how Spark runs on a cluster Debug, monitor, and tune Spark clusters and applications Learn the power of Structured Streaming, Spark's stream-processing engine Learn how you can apply MLlib to a variety of problems, including classification or recommendation Building Web 2.0 Business Websites Business Process Innovation with Web 2.0 Tools, and Joomla! [Web 2.0 Business Websites](#) Cesar provides a step-by-step procedure to build a Web 2.0 business or

organization Web site that generates results in the value chain of a company. **Practical Guide to Ubuntu Linux (Versions 8.10 and 8.04)** [Pearson Education](#) **The Most Complete, Easy-to-Follow Guide to Ubuntu Linux** Mark Sobell's **A Practical Guide to Ubuntu Linux®, Second Edition**, isn't just the most thorough and up-to-date reference to installing, configuring, and working with Ubuntu. It also provides comprehensive server coverage you won't find in any other Ubuntu book. The fully updated JumpStart sections help you get complex servers running quickly. Whatever your questions may be, the completely revamped index gives you even faster access to the answers you're searching for. And a brand new chapter on Perl programming teaches you the basics of this powerful system administration language. Sobell walks you through every feature and technique you'll need, from installing Ubuntu to working with GNOME, Samba, exim4, Apache, DNS, NIS, LDAP, ufw, firestarter, and iptables. His exceptionally clear explanations demystify everything from system security to Windows file/printer sharing. You'll find full chapters on running Ubuntu from the command line and GUI, administering systems and security, setting up networks and Internet servers, and much more. Along the way, you'll learn both the "hows" and the "whys" of Ubuntu. Sobell knows every Linux nook and cranny: He's taught hundreds of thousands of readers—and never forgets what it's like to be new to Linux. Whether you're a user, administrator, or programmer, this book gives you all you need—and more. The world's most practical Ubuntu Linux book is now even more useful! 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This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters. Using Hadoop 2 exclusively, author Tom White presents new chapters on YARN and several Hadoop-related projects such as Parquet, Flume, Crunch, and Spark. You'll learn about recent changes to Hadoop, and explore new case studies on Hadoop's role in healthcare systems and genomics data processing. Learn fundamental components such as MapReduce, HDFS, and YARN Explore MapReduce in depth, including steps for developing applications with it Set up and maintain a Hadoop cluster running HDFS and MapReduce on YARN Learn two data formats: Avro for data serialization and Parquet for nested data Use data ingestion tools such as Flume (for streaming data) and Sqoop (for bulk data transfer) Understand how high-level data processing tools like Pig, Hive, Crunch, and Spark work with Hadoop Learn the HBase distributed database and the ZooKeeper distributed configuration service PHP and PostgreSQL Advanced Web Programming Sams Publishing "Introduction. 1. Pt. I. Getting Started. 3. 1. Getting Started. 5. 2. Setting Up PHP. 15. 3. PHP Basics. 43. 4. Object-Oriented PHP. 121. Pt. II. Getting Started with PostgreSQL. 137. 5. Relational and Object-Relational Database Concepts. 139. 6. Installing PostgreSQL. 149. 7. Basic SQL. 177. 8. Advanced SQL. 225. 9. Embedded Languages. 307. 10. PostgreSQL Administration. 349. Pt. III. PHP/PostgreSQL Interaction. 379. 11. Writing Database-Driven Applications. 381. 12. Working with BLOBs. 405. 13. Working with Persistent Database Connections. 423. Pt. IV. Advanced Technologies. 433. 14. Managing Regular Expressions. 435. 15. Session Management. 463. 16. Working with Dynamic Documents, Images, and Movies. 475. 17. Working with Dates and Time. 521. 18. Tuning. 551. 19. XML. 573. 20. Security Issues. 585. Pt. V. Practical Examples. 597. 21. Web Applications. 599. 22. Extending PostgreSQL. 669. 23. High-Availability Systems. 695. Pt. VI. Migration. 709. 24. Migration. 711. . Index. 721. PHP This! a Beginners Guide to Learning Object Oriented PHP eBookIt.com PHP This! is a beginners book for developers who are new to object oriented PHP web development. This goal of PHP This! is to teach the PHP skills needed to be a junior PHP developer. These skills include an introduction to object oriented PHP theory and instruction on how to apply that theory to build a full custom MVC application, unit testing with PHPUnit and code management with SVN. The instruction provided by this book also applies to experienced software engineers with expertise in other languages who have not had the opportunity yet to learn object oriented PHP or to those who are new to web development altogether. Object Oriented concepts can be confusing at first that is why PHP This! provides a simple way to explain a confusing subject. The clear explanations and examples will quickly teach you what Object Oriented PHP is and how to use it, test it and manage it. Some key chapters and subjects include: Chapter 1: Why Read This Book Sample Job Description: Jr. PHP Developer The Eight Primary Categories of JQuery Features Why Learn Object Oriented PHP Six Primary Advantages to Learning Object Oriented Programming Chapter 2: PHP Objects & Classes Overview - The Confusion of First Learning Object Oriented Theory Explanation of a Class Explanation of an Object Instantiation \$this Variable Access Modifiers Inheritance Method Overriding Invoking Parent Methods Horizontal Inheritance - Using Traits Encapsulation Polymorphism Polymorphism vs. Method Overloading Polymorphism vs. Method Overriding Late Binding / Dynamic Binding Chapter 3: PHP Magic Methods Chapter 4: Abstract Classes & Methods abstract Keyword Extending sub-classes from an Abstract Base Class Abstract Methods final Keyword Chapter 5: Interfaces PHP Interfaces Explanation of What Interfaces Are and Why They are Useful interface & implements Keywords Implementing Multiple Interfaces Programming to the Interface Design-by-Contract Chapter 6: Static Methods & Properties The static Modifier The Scope Resolution Operator Static Properties Static Methods Singleton Pattern Late Static Binding The static Keyword vs. the self Keyword Chapter 7: PHP Error Control & Exception Handling The Built-in Exception Class Throwing an Exception The try-catch-finally Block Setting the Desired Error Sensitivity Level Setting Error Reporting 67 Error Reporting Sensitivity Levels Logging Options Chapter 8: The Model-View-Controller Design Pattern Understanding the Model-View-Controller Design Pattern Model View Controller The MCV URL Structure & URL Mapping Using the .htaccess File The index.php File The MVC Folder Structure Custom MVC Application - Restaurant Menu Management Application Showing the Menu Adding a Menu Item Assigning a Menu Item to a Menu Editing/Deleting Menu Items Download the Source Code for the Custom MVC Application (Restaurant Menu Management Application) A Developer's Guide to the Semantic Web Springer The Semantic Web represents a vision for how to make the huge amount of information on the Web automatically processable by machines on a large scale. For this purpose, a whole suite of standards, technologies and related tools have been specified and developed over the last couple of years and they have now become the foundation for numerous new applications. A Developer's Guide to the Semantic Web helps the reader to learn the core standards, key components and underlying concepts. It provides in-depth coverage of both the what-is and how-to aspects of the Semantic Web. From Yu's presentation, the reader will obtain not only a solid understanding about the Semantic Web, but also learn how to combine all the pieces to build new applications on the Semantic Web. The second edition of this book not only adds detailed coverage of the latest W3C standards such as SPARQL 1.1 and RDB2RDF, it also updates the readers by following recent developments. More specifically, it includes five new chapters on schema.org and semantic markup, on Semantic Web technologies used in social networks and on new applications and projects such as data.gov and Wikidata and it also provides a complete coding example of building a search engine that supports Rich Snippets. Software developers in industry and students specializing in Web development or Semantic Web technologies will find in this book the most complete guide to this exciting field

available today. Based on the step-by-step presentation of real-world projects, where the technologies and standards are applied, they will acquire the knowledge needed to design and implement state-of-the-art applications.