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Configure, manage, and customize Odoo to build professional-level business applications About This Book Build an Odoo module and integrate it with other platforms through this practical guide This book is the perfect companion to help you customize your Odoo installations for your enterprise requirements Use project management along with analytics for better reporting Who This Book Is For This book is for those who have not used Odoo before, allowing you to learn advanced-level features with Odoo such as creating your own custom modules. You do not need any knowledge of Odoo. What You Will Learn Configure a functioning customer relationship management system Set up a purchasing and receiving system Implement manufacturing operations and processes using real-world examples Discover the capabilities of Odoo's financial accounting and reporting

features Integrate powerful human resource applications Utilize Odoo's project management application to organize tasks Customize Odoo without writing a line of code In Detail Odoo is a comprehensive set of open-source enterprise management applications. Now with Odoo 10, you have access to a powerful website builder, integrated e-commerce features, and a fast-growing community to help transform and modernize your business. You will start with how to set up Odoo online and on your own server. You'll then configure the basic company settings required to quickly getting your first Odoo system up and running. Later you'll explore Customer Relationship Management in Odoo and their importance in today's modern business environment. Next we will deep dive into purchasing application with Odoo and learn some of the primary functionalities of ERP systems for manufacturing operations. You will then use analytic accounting to provide better reporting. Finally you will walk through the recent Odoo 10 features with respect to the community and enterprise edition giving you complete understanding of what Odoo can do for you no matter the reason! Style and approach This fast-paced, step-by-step guide will show you everything you need to know about the Odoo module ecosystem through practical and real-world examples. IBM DB2® for z/OS® is a high-performance database management system (DBMS) with a strong reputation in traditional high-volume transaction workloads that are based on relational technology. IBM WebSphere® Application Server is web application server software that runs on most platforms with a web server and is used to deploy, integrate, execute, and manage Java Platform, Enterprise Edition applications. In this IBM® Redbooks® publication, we describe the application architecture evolution focusing on the value of having DB2 for z/OS as the data server and IBM z/OS® as the platform for traditional and for modern applications. This book provides background technical information about DB2 and WebSphere features and demonstrates their applicability presenting a scenario about configuring WebSphere Version 8.5 on z/OS and type 2 and type 4 connectivity (including the XA transaction support) for accessing a DB2 for z/OS database server taking

into account high-availability requirements. We also provide considerations about developing applications, monitoring performance, and documenting issues. DB2 database administrators, WebSphere specialists, and Java application developers will appreciate the holistic approach of this document. Die Nutzung von Internet-Technologien ist eng mit Sicherheitsfragen verknüpft. Überall dort, wo kritische Daten übermittelt werden, stellen sich diese Fragen verstärkt. Mit sogenannten Virtuellen Privaten Netzwerken, kurz VPN, legt man sichere Verbindungskanäle über das Internet. Sie stellen den notwendigen technologischen Rahmen für die sichere und vertrauenswürdige Kommunikation, wie sie insbesondere bei der Kommunikation im kommerziellen Bereich notwendig ist. Mit OpenVPN steht Ihnen eine Open Source-Umgebung zur Verfügung, mit der Sie Ihre eigene VPN-Umgebung aufsetzen können. Sie unterstützt die verschiedenen VPN-Protokolle wie IPSec, PPTP und erlaubt das Erstellen von Zertifikaten. Im Server-Modus unterstützt OpenVPN sogenannte TAP- und TUN-Devices. In Verbindung mit weiteren Werkzeugen stärkt man die Sicherheit der Umgebung und erhöht dabei insbesondere die Sicherheit bei der Kommunikation mit mobilen Geräten. OpenVPN gilt als hervorragende VPN-Lösung, allerdings weist sie auch verschiedene Schwächen auf, die allerdings in Zukunft behoben werden sollen. In diesem Buch erfahren Sie, wie Sie OpenVPN in der Praxis einsetzen und damit Ihre Kommunikation sicherer gestalten. The IBM® Midmarket Software Buying and Selling Guide is tailored specifically to help the management and IT staff of small and mid-sized businesses evaluate how the IBM midmarket portfolio can provide simple and cost-effective solutions to common business problems. Along with a midmarket customer focus, this IBM Redpaper™ publication is designed to help IBM teams and Business Partners be more effective in serving small and mid-sized businesses. We illustrate how IBM software for the midmarket can help businesses use the Web to reduce expenses, improve customer service, and expand into new markets. We cover the IBM software offering for the midmarket, which includes what the software does, the platforms it runs on,

where to find more information, and how it can help your business become more profitable: - IBM Business Partners often keep a printed copy of this guide in their briefcases for software references - Customers can view this guide online and look up software-value messages and IBM product family offering comparisons - IBM Sales Representatives can print parts of this guide as "leave-behinds" for customers, to give them extra collateral on midmarket software of interest To make sure that you have the latest version of this guide, download it from this web address:

<http://www.redbooks.ibm.com/abstracts/redp3975.html?Open> Provides information on creating interactive Web sites using a combination of PHP, MySQL, JavaScript, and CSS. Aufgrund des Komplexitätsanstiegs von inner- und überbetrieblichen Geschäftsprozessen, die sich unter anderem in der zunehmenden Individualisierung und der Verkürzung von Produktlebenszyklen äußern, befinden sich Unternehmen in einem Spannungsfeld zwischen Effizienz durch Standardisierung und nötiger Flexibilität. Sebastian Huber stellt hierfür einen ganzheitlichen Lösungsansatz zum Management von agilen Unternehmensarchitekturen und der Informationsvernetzung in dynamischen Wertschöpfungsnetzwerken vor. Zusätzlich zeigt der Autor, wie der sog. Wissensarbeiter in schwachstrukturierte und wissensintensive Geschäftsprozesse organisatorisch und technisch mit einbezogen werden kann und wie entsprechende Kollaborationskonzepte auszugestaltet sind. Die Arbeit wurde mit dem Promotionspreis der Hermann-Gutmann-Stiftung 2013 ausgezeichnet. IBM® Rational® Application Developer for WebSphere® Software V7.0 (for short, Rational Application Developer) is the full function Eclipse 3.2 based development platform for developing Java™ 2 Platform Standard Edition (J2SE™) and Java 2 Platform Enterprise Edition (J2EE™) applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the

IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which includes integrated development environments (Application Developer is here) - Change and release management - Process and portfolio management - Quality management This IBM Redbooks® publication is a programming guide that highlights the features and tooling included with Rational Application Developer V7.0. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V6 Programming Guide, SG24-6449. This book consists of six parts: - Introduction to Rational Application Developer - Develop applications - Test and debug applications - Deploy and profile applications - Team development - Appendixes This IBM® Redbooks® publication provides a technical overview of the features, functions, and enhancements available in IBM i 7.1, including all the Technology Refresh (TR) levels from TR1 to TR7. It provides a summary and brief explanation of the many capabilities and functions in the operating system. It also describes many of the licensed programs and application development tools that are associated with IBM i. The information provided in this book is useful for clients, IBM Business Partners, and IBM service professionals who are involved with planning, supporting, upgrading, and implementing IBM i 7.1 solutions. IBM® Rational® Application Developer for WebSphere® Software v7.5 (Application Developer, for short) is the full function Eclipse 3.4 based development platform for developing Java™ Standard Edition Version 6 (Java SE 6) and Java Enterprise Edition Version 5 (Java EE 5) applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle

categories: - Architecture management, which includes integrated development environments - Change and release management - Process and portfolio management - Quality management This IBM Redbooks™ publication is a programming guide that highlights the features and tooling included with Rational Application Developer v7.5. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V7 Programming Guide, SG24-7501. IBM® ILOG® Visualization products allow you to create the most advanced graphical user interfaces for line-of-business applications, help users understand their data better, and react to a changing market faster and smarter. This IBM Redbooks® publication describes two IBM Visualization products: IBM ILOG JViews Enterprise and IBM ILOG Elixir® Enterprise. It provides detailed samples and scenarios covering how these products can be integrated with other IBM software such as IBM WebSphere® REST Technology, IBM Cognos®, IBM Mashup Center, IBM WebSphere Business Monitor and Business Space, and IBM WebSphere Dashboard Framework to provide Web 2.0 and Ajax visualization solutions. This book is targeted to application interface developers and programmers who develop highly advanced graphical user interfaces using IBM ILOG Visualization products with IBM Cognos, IBM Mashup Center, IBM WebSphere Business Monitor and Business Space, and IBM WebSphere Dashboard Framework. PHP is an easy-to-use and easy-to-learn web programming language that is freely available on Windows, Macintosh, and Linux computers. In this book, you'll learn PHP by working through 5 BIG chapters, from BASIC TO OOP 1. Getting Started with PHP 2. Developing PHP/MySQL Webapps 3. Object-Oriented Programming (OOP) in PHP 4. PHP Miscellaneous 5. PHP Unit Testing with PHPUnit This book is designed for - Students who want to learn web developing programming with no programming experience - Junior developers who know one or two languages - Returning professionals who haven't written code in years - Seasoned professionals looking

for a fast, simple IBM® WebSphere® Application Server V8.5 includes a Liberty profile, which is a highly composable, dynamic application server profile. It is designed for two specific use cases: Developers with a smaller production runtime, and production environments. For developers, it focuses on the tasks that a developer does most frequently, and makes it possible for the developer to complete those tasks as quickly and as simply as possible. For production environments, it provides a dynamic, small footprint runtime to be able to maximize system resources. This IBM Redbooks® publication targets administrators of Liberty environments. It provides the information needed to create, configure, and manage Liberty servers. It includes information about managing multiple servers in an installation, including the use of the new administrative capabilities introduced in WebSphere Application Server V8.5.5.7. The following publications are companion publications for this book: WebSphere Application Server: New Features in V8.5.5, REDP-4870 WebSphere Application Server V8.5.5 Technical Overview, REDP-4855 IBM WebSphere Application Server V8.5 Concepts, Planning, and Design Guide, SG24-8022 WebSphere Application Server Liberty Profile Guide for Developers, SG24-8076 This IBM® Redbooks® publication provides information about the concepts, planning, and design of IBM WebSphere® Application Server V8 environments. The target audience of this book is IT architects and consultants who want more information about the planning and designing of application-serving environments, from small to large, and complex implementations. This book addresses the packaging and features in WebSphere Application Server V8 and highlights the most common implementation topologies. It provides information about planning for specific tasks and components that conform to the WebSphere Application Server environment. Also in this book are planning guidelines for WebSphere Application Server V8 and WebSphere Application Server Network Deployment V8 on distributed platforms and for WebSphere Application Server for z/OS® V8. This book contains information about migration considerations when moving from previous

releases. This IBM® Redbooks® publication gives a broad understanding of IBM IMSTM integration and connectivity solutions to access applications and data stores across your enterprise architecture. As an application developer, architect, systems integrator, or systems programmer, there is important information that is available in this book that pertains to your responsibilities to continue to include the proven performance, data integrity, and workload distribution that is available from IMS in to selected projects that are related to your entire enterprise. This book updates and adds to the information in the following IBM Redbooks publications: IMS e-business Connectors: A Guide to IMS Connectivity, SG24-6514 IMS Connectivity in an On Demand Environment: A Practical Guide to IMS Connectivity, SG24-6794 Powering SOA Solutions with IMS, SG24-7662 IBM IMS Version 12 Technical Overview, SG24-7972 IMS 12: The IMS Catalog, REDP-4812 Rethink Your Mainframe Applications: Reasons and Approaches for Extension, Transformation, and Growth, REDP-4938 PENTAHO UND JEDOX // - Für Manager und IT-Führungskräfte, Entwickler und Berater - Lernen Sie Pentaho und Jedox im Detail und im Vergleich zueinander kennen - Mit vielen Anwendungsbeispielen - Die Beispiele aus dem Buch finden Sie im Downloadbereich des Verlages Der schnelle und einfache Zugriff auf Informationen ist für Unternehmen von entscheidender Bedeutung, um im Wettbewerb zu bestehen. Business Intelligence Systeme ermöglichen die Verwandlung von Daten in Informationen. Pentaho und Jedox sind beides Anbieter von Business Intelligence Software, welche unterschiedliche Ansätze in diesem Umfeld verfolgen. Beide Systeme haben gewisse Gemeinsamkeiten, weisen aber auch individuelle Schwerpunkte und Stärken auf. Durch eine kombinierte Nutzung lässt sich eine ganzheitliche Lösung für Business Intelligence aufbauen, mit der eine Vielzahl an Use Cases umsetzbar ist. Nach einer kurzen allgemeinen Einführung in das Thema Business Intelligence werden beide BI-Suiten ausführlich vorgestellt. Pentaho punktet im Bereich Datenintegration bzw. Data Warehouse, die Vorzeigedisziplin von Jedox ist die Planung. Sie erfahren unter anderem, wie Sie mit Pentaho ein Data

Warehouse aufbauen, mit Big Data-Technologien arbeiten sowie Reports, Dashboards, Analysen und einen OLAP-Cube entwickeln. Mit Jedox werden Sie über Microsoft Excel oder den Webbrowser neue Datenmodelle und Datenbanken erstellen. Durch die Write-Back-Funktion können Sie die Würfel in Jedox mit Daten beladen und umfangreiche Planungsapplikationen für Ihr Unternehmen entwickeln. AUS DEM INHALT // Teil I: Pentaho Installation & Konfiguration // Zugriff, Analyse und Visualisierung von Daten // Datenintegration, Data Warehouse & Big Data // Berichte & Reports entwickeln // OLAP-Würfel mit Mondrian // Enterprise- & CTools-Dashboards Teil II: Jedox Installation & Konfiguration // Excel als Frontend // Berichte entwickeln // Datenaufbereitung & ETL-Prozesse // Automatisierte ETL-Prozesse und Berichtsverteilung // Administration Potenziale von Pentaho & Jedox zusammenführen This book presents an in-depth introduction to the characteristics and capabilities of two data-mining and business intelligence software packages: RapidMiner and the Jaspersoft Business Intelligence (BI) Suite. Visual FoxPro has long been the perfect front end for client-server applications. Featuring a robust programming language, a full-featured IDE, and a powerful object model, rich client development has always been a joy. Inside, a native local data engine, integrated hooks into binding with remote data, and Rushmore technology make VFP your secret weapon when connecting to SQL back-ends. MySQL is the world's most popular open source SQL database, running on Windows, Linux, and Macintosh platforms. Version 5 incorporates big-iron features like stored procedures and transactions. These features, together with the royalty free runtime model of VFP and the open source licensing of MySQL make client-server applications built with these tools the most powerful and economical combination on the planet. And this book is the only one that shows you specifically how to install, configure, and connect MySQL and VFP, as well as build a variety of client-server user interfaces with VFP. Together with dozens of discussions of real world problems and potential solutions, you won't find a better guide to MySQL and VFP client-server development.

Bei der Fusion von Unternehmen oder Unternehmensbereichen mit ähnlichen Geschäftsfeldern, aber unterschiedlichen Datenbasen, stellt sich die wichtige Aufgabe, zersplitterte und oft widersprüchliche Datenbestände zu einer unternehmensweit einheitlichen, vertrauenswürdigen Datenbasis zu konsolidieren. Dieses Lehrbuch stellt typische Ansätze für die Informationsintegration vor und beschreibt an einem durchgängigen Beispiel ein in der Praxis häufig vorkommendes Szenario mithilfe des Open-Source-Datenintegrationswerkzeugs Talend Open Studio, mit dem die Integration der bisher autonomen Datenbasen Schritt für Schritt bis zur einheitlichen Datenbasis realisiert wird. Dabei werden die im Prozess typischen Probleme aufgegriffen und behandelt. Die wichtigsten Komponenten von Talend Open Studio werden vorgestellt und deren Funktionsweise jeweils am Beispiel erklärt. Zusätzliche Übungsaufgaben am Ende jeden Abschnitts dienen der Vertiefung. Das Buch führt theoretisch in die Problemstellung der Datenintegration ein und bietet eine systematische praktische Anleitung zur Lösung der Probleme mit einer gut etablierten Open-Source-Software. Your roadmap to Microsoft Azure Azure is Microsoft's flagship cloud computing platform. With over 600 services available to over 44 geographic regions, it would take a library of books to cover the entire Azure ecosystem. Microsoft Azure For Dummies offers a shortcut to getting familiar with Azure's core product offerings used by the majority of its subscribers. It's a perfect choice for those looking to gain a quick, basic understanding of this ever-evolving public cloud platform. Written by a Microsoft MVP and Microsoft Certified Azure Solutions Architect, Microsoft Azure For Dummies covers building virtual networks, configuring cloud-based virtual machines, launching and scaling web applications, migrating on-premises services to Azure, and keeping your Azure resources secure and compliant. Migrate your applications and services to Azure with confidence Manage virtual machines smarter than you've done on premises Deploy web applications that scale dynamically to save you money and effort Apply Microsoft's latest security technologies to ensure

compliance to maintain data privacy With more and more businesses making the leap to run their applications and services on Microsoft Azure, basic understanding of the technology is becoming essential. Microsoft Azure For Dummies offers a fast and easy first step into the Microsoft public cloud. Explore the engine that drives the internet It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, MySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks. Helps you grasp the technologies that power web applications Covers PHP version 7.2 Includes coverage of the latest updates in web development Perfect for developers to use to solve problems This book is ideal for the inexperienced programmer interested in adding these skills to their toolbox. New coders who've made it through an online course or boot camp will also find great value in how this book builds on what you already know. Easily get your head in the Cloud with Amazon Web Services With Amazon Web Services (AWS), you can do everything from backing up your personal hard drive to creating a full-fledged IT department in the Cloud. And while major corporations like Adobe and Netflix have turned to AWS for their Cloud computing needs, it isn't just for private companies. Amazon Web Services For Dummies is the singular resource that shows real people with real businesses how to use on-demand IT resources to help their companies grow. If you're like most people just getting their feet wet with this service, your first question is likely to be, "How do I get started with AWS?" This book answers that question—and a multitude more—in language you can understand and shows you how to put this Cloud computing service to work for you right away. AWS is immense and, naturally, intimidating, but with the help of this book, you'll peel back its many layers in no time!

Provides overviews that explain what tasks the services perform and how they relate to each other Offers specific paths to follow in order to obtain a particular installation result Gets you started without making a huge investment Reduces the risk of failure by ensuring you understand available options as part of the configuration and usage process Stop wasting time and resources on hardware and software that's quickly outdated. Get started with AWS today! This IBM® Redbooks® publication provides information about the concepts, planning, and design of IBM WebSphere® Application Server V8.5 environments. The target audience of this book is IT architects and consultants who want more information about the planning and design of application-serving environments, from small to large, and complex implementations. This book addresses the packaging and features in WebSphere Application Server, and highlights the most common implementation topologies. It provides information about planning for specific tasks and components that conform to the WebSphere Application Server environment. Also in this book are planning guidelines for Websphere Application Server and Websphere Application Server Network Deployment on distributed platforms. It also includes guidelines for WebSphere Application Server for IBM z/OS®. This book contains information about migration considerations when moving from previous releases. This book has been updated with the new features introduced with WebSphere Application Server V8.5.5. Get a comprehensive overview on how to set up and design an effective database with MySQL. This thoroughly updated edition covers MySQL's latest version, including its most important aspects. Whether you're deploying an environment, troubleshooting an issue, or engaging in disaster recovery, this practical guide provides the insights and tools necessary to take full advantage of this powerful RDBMS. Authors Vinicius Grippa and Sergey Kuzmichev from Percona show developers and DBAs methods for minimizing costs and maximizing availability and performance. You'll learn how to perform basic and advanced querying, monitoring and troubleshooting, database management and security, backup and recovery, and tuning for

improved efficiency. This edition includes new chapters on high availability, load balancing, and using MySQL in the cloud. Get started with MySQL and learn how to use it in production Deploy MySQL databases on bare metal, on virtual machines, and in the cloud Design database infrastructures Code highly efficient queries Monitor and troubleshoot MySQL databases Execute efficient backup and restore operations Optimize database costs in the cloud Understand database concepts, especially those pertaining to MySQL Docker is rapidly changing the way organizations deploy software at scale. However, understanding how Linux containers fit into your workflow—and getting the integration details right—is not a trivial task. With the updated edition of this practical guide, you'll learn how to use Docker to package your applications with all of their dependencies and then test, ship, scale, and support your containers in production. This edition includes significant updates to the examples and explanations that reflect the substantial changes that have occurred over the past couple of years. Sean Kane and Karl Matthias have added a complete chapter on Docker Compose, deeper coverage of Docker Swarm mode, introductions to both Kubernetes and AWS Fargate, examples on how to optimize your Docker images, and much more. Learn how Docker simplifies dependency management and deployment workflow for your applications Start working with Docker images, containers, and command line tools Use practical techniques to deploy and test Docker containers in production Debug containers by understanding their composition and internal processes Deploy production containers at scale inside your data center or cloud environment Explore advanced Docker topics, including deployment tools, networking, orchestration, security, and configuration Demonstrates the remarkable similarities between Node.js and PHP, and teaches readers how to port an entire PHP web application to Node.js. WildFly is the most popular open-source Java application server. This book is the an in-depth guide, (updated December 2022) to the administration and management of the of the application server. Covers all the latest architectural and management changes such as:

- Jakarta EE 10 updates to the server

configuration - How to achieve High Availability of your Domain Configuration - Best tips to supercharge the Command Line Interface - Using the Undertow Web server as front-end for mod_cluster and as Reverse Proxy Server - Provision standard and custom server distributions using the Galleon tool - Configuring the Apache Artemis MQ Messaging system - Advanced security configuration using Elytron - How to manage the Secure Socket Layer - Running WildFly on the cloud on the top of Openshift - Learn how to leverage the Eclipse MicroProfiles configurations ...and much more!

Who this book is for: This book is especially suited for Java system administrators that are going to manage the new release of the application server. Developers and application testers will be as well more productive after learning this book. Prior knowledge of the earlier version of the application server is not required, although that could make easier to understand some core concepts contained in this book. A guide to PHP 6 Web development includes instructions to create a simple database and sample table, a basic PHP language reference, and a MySQL language primer. In a traditional deployment model, software is installed on a physical server, and it is configured for the particular data center environment. The cloud deployment model requires that the dependency on a specific hardware configuration is severed. This IBM® Redbooks® publication guides you through the transition from the traditional application deployment model to the cloud-friendly deployment model. It explains how to achieve these goals by packaging the software stacks into industry standard virtual appliances. A key part of this transition involves using the IBM Image Construction and Composition Tool. This tool is the IBM tool for creating virtualized workloads that target several private cloud deployment platforms, including platforms from IBM and not from IBM. In fact, this tool is unique in its ability to support such a wide range of cloud offerings. It is also the only tool in the marketplace that can create virtual appliances for both x86 and IBM Power hardware architectures. This book provides an in-depth look at the capabilities and internal workings of Image Construction and Composition Tool. It

focuses on the capabilities of this tool, which target the virtualization and cloud offerings of IBM Systems and Technology Group. These offerings include IBM Systems Director VMControl™, IBM SmartCloud® Entry, and IBM PureFlex™ System with IBM Flex System Manager™ appliance. The Image Construction and Composition Tool also has a much richer set of capabilities. Specifically, it supports IBM Workload Deployer, IBM PureApplication™ Systems, and IBM SmartCloud Provisioning. This publication targets software architects, cloud solutions architects, and cloud administrators. Its goal is to provide you with the expert-level skills required to package the existing and newly created applications into self-configurable, smart virtual appliances. Related publication: Smart Virtual Appliances Made Easy with IBM Image Construction and Composition Tool, TIPS1037 - Docker-Images und -Container verwenden - Container deployen und debuggen - Einsatz von Tools: Docker Swarm, Kubernetes, Amazon EC2 Container Services Linux-Container besitzen das Potenzial, das Deployment von Applikationen für verschiedene Umgebungen stark zu verändern. Dieses Buch weist Ihnen den Weg zu einer funktionierenden Docker-Umgebung. Die Autoren zeigen Ihnen, wie Sie Docker-Images Ihrer Anwendungen inklusive aller Abhängigkeiten erstellen, wie Sie diese testen, deployen und skalieren können, und wie Sie die Container in der Produktivumgebung pflegen und warten. Dabei kommen Themen wie die Einrichtung, das Testen und das Deployment von Docker-Anwendungen ebenso zur Sprache wie das Debugging eines laufenden Systems. Mit diesem Buch werden Sie verstehen, was Docker wirklich leistet, welche Relevanz es hat, wie Sie es zum Laufen bekommen, wie Sie damit Ihre Anwendungen deployen können und was erforderlich ist, um es in einer Produktivumgebung einzusetzen. Die Autoren dieses Buches sind in dem Unternehmen New Relic für die Sicherstellung der Stabilität der dort entwickelten Anwendungen zuständig und lassen Sie an ihren im praktischen Umgang mit Docker gesammelten Erfahrungen teilhaben. Ihre Zielsetzung lautet, Sie von ihren Erkenntnissen profitieren zu lassen und davor zu bewahren, dieselben Rückschläge hinnehmen zu müssen, die den Autoren in diesem Kontext

widerfahren sind. Human Capital Systems, Analytics, and Data Mining provides human capital professionals, researchers, and students with a comprehensive and portable guide to human capital systems, analytics and data mining. The main purpose of this book is to provide a rich tool set of methods and tutorials for Human Capital Management Systems (HCMS) database modeling, analytics, interactive dashboards, and data mining that is independent of any human capital software vendor offerings and is equally usable and portable among both commercial and internally developed HCMS. The book begins with an overview of HCMS, including coverage of human resource systems history and current HCMS Computing Environments. It next explores relational and dimensional database management concepts and principles. HCMS Instructional databases developed by the Author for use in Graduate Level HCMS and Compensation Courses are used for database modeling and dashboard design exercises. Exciting knowledge discovery and research Tutorials and Exercises using Online Analytical Processing (OLAP) and data mining tools through replication of actual original pay equity research by the author are included. New findings concerning Gender Based Pay Equity Research through the lens Comparable Worth and Occupational Mobility are covered extensively in Human Capital Metrics, Analytics and Data Mining Chapters. SQL Server 2016 und die kostenlose Version SQL Server 2016 Express sind ideal, um in die professionelle Datenbankentwicklung einzusteigen. Sie können mit ihnen komplexe Datenbankprojekte verwirklichen, die die Funktionalität einer Desktop-Datenbank wie Microsoft Access deutlich übersteigen. Wenn Sie tiefer in die Datenbankentwicklung mit einem professionellen Datenbankserver einsteigen wollen, ist dieses Buch genau das Richtige für Sie. Es vermittelt leicht verständlich sowohl die Datenbankgrundlagen als auch das Programmierwissen, das Sie benötigen, um die umfangreichen Möglichkeiten von SQL Server 2016 zu nutzen. Aufgrund des didaktisch durchdachten Konzepts mit vielen Übungen und Praxistipps ermöglicht dieses Buch Ihnen eine fundierte Einarbeitung in die Entwicklung von

Datenbanken. Das Buch basiert auf der kostenfrei erhältlichen Version SQL Server 2016 Express, eignet sich aber auch für größere SQL-Server-Editionen. Aus dem Inhalt: - Neuerungen bei SQL Server 2016 - Installation und erste Schritte - Datenbanken und Tabellen erstellen und bearbeiten - Daten anzeigen und ändern - Sichten erstellen und verwenden - erweiterte SQL-Features (CTEs, Sequenzen, Temporal Tables etc.) - komplexe Datentypen (XML und JSON) - Debugging und Fehlerbehandlung - Sperren, Transaktionen und Deadlocks - gespeicherte Prozeduren, Funktionen, Trigger und Cursor - Datenbankadministration mit SQL, Benutzer, Rollen und Rechte - Daten sichern und bewegen, Reporting - Zusammenarbeit mit anderen SQL Server-Instanzen und -Editionen - Datenebenen Anwendungen - SQL Server Data Tools - SQL Server und .NET

Understand the steps necessary to host your website using the Amazon Web Services (AWS) platform. You will be able to set up your website for the first time or migrate your existing website. Explore scenarios, considerations, and steps for three types of websites, including hosting a static website, a content management system (CMS) based website, and a full-featured enterprise level website. Topic areas such as content storage in S3, compute resources in EC2, Route53 DNS Management, email services setup using Simple Email Service as well as strategies for high availability, fault tolerance, and website maintenance are covered. Website Hosting and Migration with Amazon Web Services is organized in a way that allows you to start with simple concepts using AWS core services that allow you to build knowledge and confidence using AWS services while exploring the latest technology on this ever-updating platform. Using AWS to host your website offers you more control over your infrastructure, content delivery, and ability to scale to fit your website needs. It's time to take control and take your website to the next level. This engaging resource: Explains how to use the Amazon Web Services Free Tier to evaluate the platform for hosting your website Walks you through the setup and migration steps for three unique and popular web hosting scenarios Delivers hands-on experience with base concepts that can be built upon to grow and improve your website

infrastructure Provides sample resources to test and understand the setup process fully What You'll Learn Evaluate Amazon Web Services (AWS) offered on the platform that may benefit your website Set up and maintain three unique types of websites using AWS core services, enabling you to gain a deeper understanding of what is capable for your website or future projects Select AWS services that can improve performance and control of your website Use AWS RDS to deliver a redundant database solution for your website Manage DNS, domain registration, and transfers in AWS Use CloudFront to deliver content efficiently on a global scale Who This Book Is For Small business owners, webmasters, freelance web designers, and others looking to have more control over their web content, save money by using a platform that charges for just the services you use, or grow the stability of their website by making it highly available, fault tolerant, and easily deployed; those looking to learn more about AWS Web Hosting options in general. Summary Go from zero to production readiness with Docker in 22 bite-sized lessons! Learn Docker in a Month of Lunches is an accessible task-focused guide to Docker on Linux, Windows, or Mac systems. In it, you'll learn practical Docker skills to help you tackle the challenges of modern IT, from cloud migration and microservices to handling legacy systems. There's no excessive theory or niche-use cases—just a quick-and-easy guide to the essentials of Docker you'll use every day. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology The idea behind Docker is simple: package applications in lightweight virtual containers that can be easily installed. The results of this simple idea are huge! Docker makes it possible to manage applications without creating custom infrastructures. Free, open source, and battle-tested, Docker has quickly become must-know technology for developers and administrators. About the book Learn Docker in a Month of Lunches introduces Docker concepts through a series of brief hands-on lessons. Following a learning path perfected by author Elton Stoneman, you'll run containers by chapter 2 and package applications by chapter 3. Each

lesson teaches a practical skill you can practice on Windows, macOS, and Linux systems. By the end of the month you'll know how to containerize and run any kind of application with Docker. What's inside Package applications to run in containers Put containers into production Build optimized Docker images Run containerized apps at scale About the reader For IT professionals. No previous Docker experience required. About the author Elton Stoneman is a consultant, a former architect at Docker, a Microsoft MVP, and a Pluralsight author. Table of Contents PART 1 - UNDERSTANDING DOCKER CONTAINERS AND IMAGES 1. Before you begin 2. Understanding Docker and running Hello World 3. Building your own Docker images 4. Packaging applications from source code into Docker Images 5. Sharing images with Docker Hub and other registries 6. Using Docker volumes for persistent storage PART 2 - RUNNING DISTRIBUTED APPLICATIONS IN CONTAINERS 7. Running multi-container apps with Docker Compose 8. Supporting reliability with health checks and dependency checks 9. Adding observability with containerized monitoring 10. Running multiple environments with Docker Compose 11. Building and testing applications with Docker and Docker Compose PART 3 - RUNNING AT SCALE WITH A CONTAINER ORCHESTRATOR 12. Understanding orchestration: Docker Swarm and Kubernetes 13. Deploying distributed applications as stacks in Docker Swarm 14. Automating releases with upgrades and rollbacks 15. Configuring Docker for secure remote access and CI/CD 16. Building Docker images that run anywhere: Linux, Windows, Intel, and Arm PART 4 - GETTING YOUR CONTAINERS READY FOR PRODUCTION 17. Optimizing your Docker images for size, speed, and security 18. Application configuration management in containers 19. Writing and managing application logs with Docker 20. Controlling HTTP traffic to containers with a reverse proxy 21. Asynchronous communication with a message queue 22. Never the end DAS ARBEITSBUCH FÜR JAVA-WEBENTWICKLER // - Steigen Sie mit diesem fundierten Arbeitsbuch in die Entwicklung von Benutzerschnittstellen mit JavaServer™ Faces und Jakarta Server Faces 2.3 ein. - Anhand einer

Beispielanwendung werden alle wichtigen Aspekte von JSF erläutert. - Vertiefen und erweitern Sie Ihre Fertigkeiten mit den zahlreichen Übungen. - Verwendet werden ausschließlich Open-Source-Systeme, so dass Sie alle Übungen und Beispiele ohne weitere Lizenzkosten nachvollziehen können. - Im Internet: Quell-Code zu den Beispielen und Lösungen der Übungen auf der Autorenwebsite zum Buch und GitHub - Ihr exklusiver Vorteil: E-Book inside beim Kauf des gedruckten Buches JavaServer™ Faces und Jakarta Server Faces 2.3 sind ein Framework für die Entwicklung von Benutzerschnittstellen für bzw. als Teil einer Java-Web-Anwendung. Dieses Arbeitsbuch führt Sie Schritt für Schritt in die Programmierung mit JSF ein. Sie erfahren, wie Sie damit moderne Benutzerschnittstellen für die Praxis entwickeln. Und natürlich geht es auch darum, wie JSF in eine Java-Web-Anwendung zu integrieren sind. Behandelt werden auch Themen wie die Anbindung an eine Datenbank mit JPA, die Verwendung von CDI sowie Authentifizierung und Autorisierung. Verfolgen Sie Schritt für Schritt die Entwicklung einer betrieblichen Anwendung und lernen Sie so anhand realer Aufgabenstellungen alle wichtigen Aspekte von JSF 2.3 kennen. Mit Hilfe der Übungen, deren Lösungen sich von der Website zum Buch und von GitHub herunterladen lassen, können Sie das Gelernte selbst ausprobieren und umsetzen. AUS DEM INHALT // Einleitung/JSF im Detail/Context und Dependency Injection/Weiterführende Themen/Classic Models/Spezialthemen/Verwendete Systeme/Ausblick/Anhang: Die Tags der Standardbibliotheken This book discusses the advanced databases for the cloud-based application known as NoSQL. It will explore the recent advancements in NoSQL database technology. Chapters on structured, unstructured and hybrid databases will be included to explore bigdata analytics, bigdata storage and processing. The book is likely to cover a wide range of topics such as cloud computing, social computing, bigdata and advanced databases processing techniques. Der schnelle Einstieg in SQL Server 2017 für Administratoren und Entwickler Das Standardwerk und ideale Praxisbuch für Ein- und Umsteiger, die schnell und effizient mit SQL

Server 2017 arbeiten wollen. Aufeinander aufbauende Beispiele helfen Ihnen, die zugrunde liegenden Konzepte und Techniken zu verstehen. Auf das Wesentliche konzentriert Klemens Konopasek stellt neben den neuen Features von SQL Server 2017 wie der Linux-Unterstützung all jene Themen und Funktionen vor, die für den Einsatz, die Programmierung und Administration von Client-Server-Applikationen besonders wichtig sind und in der Praxis am häufigsten gebraucht werden wie z. B.:

- Installation und Konfiguration
- Grundlegende Werkzeuge wie

- grafische Tools und SQL
- Automatisierungslösungen
- Power-Tools für Entwickler
- Sicherheit
- Verwaltung von Berechtigungen
- Backup und Recovery

Dieses Arbeitsbuch bietet Ihnen einen kompakten und zugleich umfassenden Einstieg in die Arbeit mit SQL Server 2017. Alle Beispiele aus dem Buch, u.a. Datenbanken, SQL-Skripte und Visual Studio-Projekte finden Sie auf der Website zum Buch.

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