

Sap Crm Developer Guide

This book comprises of 115 top consulting scenarios which you should know when you start to work in any procurement module but specifically in SRM Module in SAP. I have added these easy to understand in the one-page format which makes it easy to refer back, Keep as a side note and should be a guide for you to help you in handling most of the scenarios in SRM As per what happens in any consulting environment the issues you actually get from your client may not be included in here but after you have read through this guide, it would give you a very good base in the terms of helping you to experiment and try things out in the system directly to come closer to a resolution. These are prepared based on my notes from hundreds of meetings, being part of multiple projects, brainstorming with my colleagues and lastly to be able to provide ongoing support to my clients to manage their procurement landscape. Please note that this book focuses on building basic concepts for both Technical as well as functional people, so I recommended you go through all the pages to have a good understanding of the SRM system. If you have basic ABAP knowledge, it would be easier if not, it can be a good learning which can also be applied to other SAP modules. Although this book is geared more towards SRM as a product having worked in other modules as well, I also include some general SAP concepts which help you to apply the same knowledge in multiple other modules like MM, PM, HR and other areas. SRM has a tight integration with all the above modules, and hence it is important to have a good understanding, so you can work effectively in a collaborative environment with other team members by knowing how the other module work rather than just passing the buck. Below are the details of what the book contains - Understand the basics and best practices of procurement - Understand basics of SAP system in general for troubleshooting and support - Added scenarios from real time case studies and client specific issues - Each section is concluded with additional blog and reference links which help to understand the problem in detail - Includes ABAP technical and Functional details - Includes consulting scenarios - Includes Audit specific information - Include any relevant notes and other material - Includes some of my previously written blogs - Some code snippets which you can reuse if you implement the same scenarios In the last 2 chapters, I also try to talk about the next step for SRM and how you can transition to Ariba or other S/4 Modules in the cloud. There is also a detailed blog which I posted on SDN to help you prepare for Ariba certification.

Imagine that it's the 1950s, and you are in charge of developing the U. S. interstate system. There are countless roads already in use. The system can go in numerous different directions. Where do you begin? Starting to transform your business with SAP NetWeaver is that daunting. NetWeaver is both an application platform and an integration platform. It integrates your current IT systems to enable portals, collaboration, data management, and development environments.

To grasp the complexities and possibilities of SAP ASAP, dig in with SAP NetWeaver For Dummies and explore: MySAP Business Suite SAP Enterprise Planning Resource (ERP), Customer Relationship Management (CRM), Supply Chain Management (SCM), Human Capital Management (HCM), Product Lifecycle Management (PLM), Supplier Relationship Management (SRM), and more Mobile Infrastructure that performs like a universal translator for mobile interfaces, including laptops, wireless phones, and PDAs Master Data Management, including using the content consolidation technique to “clean up” data, master data harmonization to distribute it, and central master data management to maintain a data repository Web Application Service and NetWeaver Developer Studio—tools that let you integrate and create your own customized applications Written by Dan Woods, former CTO of The Street.com and CapitalThinking, and Jeffrey Word, the Director of Technology Strategy for SAP, this guide features real-life stories from businesses and examples of typical uses to help you cut through the complexities and get up and running. It includes a CD-ROM with: Detailed white papers and product overviews Stores from customers using SAP NetWeaver today Demos that show SAP NetWeaver in action A directory of resources for additional information Like that interstate system, SAP NetWeaver doesn't have to be integrated all at once. You choose the applications that have the most potential to benefit your company's operations and bottom line. SAP NetWeaver For Dummies even gives you recommendations for rolling it out and suggests practical ways to get started and get quick returns on your SAP investment. Then you're going full-speed ahead on the road to success!

This book addresses the web services arena with a specific agenda of providing information right from covering the fundamental aspects to its deployment and implementation issues. The content is introductory in nature, and covers not only the technology aspects, but also highlights the application scenarios across the industry. In order to illustrate the potential of web services, a case study exemplifying the Financial and Banking Services industry has been chosen for presentation the book.

Are you an SAP Business One user who wants to make your life easier? Tune out the wide world of SAP and zone in on the SAP B1 tasks and transactions that support all of your critical processes from financials to production and beyond. With step-by-step instructions and tips from members of the SAP Business One North American Partner Advisory Council, including Carl Britton Lewis, this book is what you've been waiting for: The key to doing your job better in SAP B1.

The objective of this tutorial is to make you understand - what is SAP Process Integration? We will not go into the nitty-gritty of the subject but we will discuss the architecture and different features of SAP PI. We will cover the basic features only and will avoid discussing all features in this tutorial. Next there are a set of case studies which will give you an idea

about the industry level utilization of SAP PI. Once you get more acquainted with the subject, you should try to solve them. The test cases are prepared in a manner so that it will take you down into the subject from simple to more complexes with each lesson and will give you an overall idea of the subject.

Combine your skills in ABAP, SAP Fiori, core data services, and more to master the end-to-end development process for SAP S/4HANA applications. Learn to use the ABAP programming model for SAP Fiori to build applications from scratch, or use SAP Fiori elements to get a head start! Then, deploy your applications to SAP Fiori launchpad and get the best practices you need to operate applications post-development, including Git version control, application tests, and setting up an integration pipeline.

- Getting Started** Get the development foundation you need and master SAP S/4HANA architecture, SAP Fiori, design-led development strategies, and the ABAP programming model for SAP Fiori.
- End-to-End Development** Use step-by-step instructions to develop in SAP S/4HANA using core data services, SAP Gateway, OData, service adaptation description language, and BOPF. Create list reports and object pages, overview pages, analytical list pages, freestyle applications, and more.
- Operating Applications** Once your applications are developed and exported, get the best practices you need to operate them: Git version control, automated backend and frontend testing, and continuous integration for SAPUI5 and ABAP.

- 1) ABAP programming model for SAP Fiori
- 2) SAP Fiori
- 3) Git
- 4) SAP Web IDE
- 5) ABAP Test Cockpit
- 6) Core data services (CDS)
- 7) Business Object Processing Framework (BOPF)
- 8) Service Adaptation Description Language (SADL)
- 9) OData services
- 10) SAP S/4HANA Cloud SDK

Whether you're upgrading an existing billing system or moving to a subscription- or consumption-based model, SAP BRIM is ready--and here's is your guide! From subscription order management and charging to invoicing and contract accounting, get step-by-step instructions for each piece of the billing puzzle. For setup, execution, or analytics, follow a continuous case study through each billing process. With this book, join the future of billing!

- End-to-End Billing** Learn the what and the why of SAP BRIM, and then master the how! Charging, invoicing, contract accounts receivable and payable, and subscription order management--see how to streamline billing with the SAP BRIM solutions.
- Configuration and Functionality** Set up and use SAP BRIM tools: Subscription Order Management, SAP Convergent Charging, SAP Convergent Invoicing, FI-CA, and more. Implement them individually or as part of an integrated landscape.
- SAP BRIM in Action** Meet Martex Corp., a fictional telecommunications case study and your guide through the SAP BRIM suite. Follow its path to subscription-based billing and learn from billing industry best practices!

- 1) SAP Billing and Revenue Innovation Management
- 2) Subscription order management
- 3) SAP Convergent Charging
- 4) SAP Convergent Invoicing
- 5) Contracts accounting (FI-CA)
- 6) SAP Convergent Mediation
- 7) Reporting and analytics
- 8) Implementation
- 9) Project management

Enter the fast-paced world of SAP HANA 2.0 with this introductory guide. Begin with an exploration of the technological backbone of SAP HANA as a database and platform. Then, step into key SAP HANA user roles and discover core capabilities for administration, application development, advanced analytics, security, data integration, and more. No matter how SAP HANA 2.0 fits into your business, this book is your starting point. In this book, you'll learn about:

- Technology** Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements.
- Tools** Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration.
- Key Roles** Understand how to use SAP HANA as a developer, administrator, data scientist, data center architect, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more.

Highlights include:

- 1) Architecture
- 2) Administration
- 3) Application development
- 4) Analytics
- 5) Security
- 6) Data integration
- 7) Data architecture
- 8) Data center

Developers! Make the grade with this SAP Cloud Platform certification study guide. From application development and integration to mobile services and the Internet of Things, this guide will review the key technical and functional knowledge you need to pass with flying colors. Explore test methodology, key concepts for each topic area, and practice questions and answers to solidify your knowledge. Your path to SAP Cloud Platform certification begins here!

- Test Structure** Prepare with up-to-date information on each topic covered in the C_CP_13 exam, including application development, extension, and integration.
- Core Content** Review major subject areas like architecture, the Cloud Foundry and Neo development environments, SAP Cloud Platform Internet of Things, and SAP Cloud Platform Mobile Services. Then dial in with important terminology, and key takeaways for each subject.
- Q&A** After reviewing chapters, test your skills with in-depth questions and answers for each section and improve your test-taking skills.

- 1) C_CP_13
- 2) Architecture
- 3) Development, extension, and integration
- 4) SAP Cloud Platform Mobile Services
- 5) SAP Cloud Platform Internet of Things
- 6) SAP Cloud Platform SDK
- 7) SAP Cloud Platform SDK for the Neo environment
- 8) Cloud Foundry
- 9) Java
- 10) SAP HANA XS
- 11) SAPUI5

Learn how to migrate your SAP data to Azure simply and successfully. **Key Features** Learn why Azure is suitable for business-critical systems Understand how to migrate your SAP infrastructure to Azure Use Lift & shift migration, Lift & migrate, Lift & migrate to HANA, or Lift & transform to S/4HANA **Book Description** Cloud technologies have now reached a level where even the most critical business systems can run on them. For most organizations SAP is the key business system. If SAP is unavailable for any reason then potentially your business stops. Because of this, it is understandable that you will be concerned whether such a critical system can run in the public cloud. However, the days when you truly ran your IT system on-premises have long since gone. Most organizations have been getting rid of their own data centers and increasingly moving to co-location facilities. In this context the public cloud is nothing more than an additional virtual data center connected to your existing network. There are typically two main reasons why you may consider migrating SAP to Azure: You need to replace the infrastructure that is currently running SAP, or you want to migrate SAP to a new database. Depending on your goal SAP offers different migration paths. You can decide either to migrate the current workload to Azure as-is, or to combine it with changing the database and execute both activities as a single step. **SAP on Azure Implementation Guide** covers the main migration options to lead you through migrating your SAP data to Azure simply and successfully. What you will learn **Successfully migrate your SAP infrastructure to Azure** Understand the security benefits of Azure See how Azure can scale to meet the most demanding of business needs Ensure your SAP infrastructure maintains high availability Increase business agility through cloud capabilities Leverage cloud-native capabilities to enhance SAP Who this

book is for SAP on Azure Implementation Guide is designed to benefit existing SAP architects looking to migrate their SAP infrastructure to Azure. Whether you are an architect implementing the migration or an IT decision maker evaluating the benefits of migration, this book is for you.

Connect your SAP system and the world of OData with this comprehensive guide to SAP Gateway! Begin with the basics, then walk through the steps to create an OData service. Expand your skills further, with how-tos on developing SAPUI5 apps with the SAP Web IDE; building SAP Fiori, mobile, and enterprise applications; and performing administrative tasks for lifecycle management and security. Explore the latest trends and technologies, and map out your OData future! a. Deployment, Installation, Configuration Get started! Discover the various deployment options for SAP Gateway, and get step-by-step instructions for installation and configuration. b. OData Services Create! Walk through the specific tools for and steps in creating OData services. Then learn how to extend your existing OData services, including redefining services and customizing SAP Fiori apps. c. Application Development Develop! Learn how OData and SAP Gateway are used in SAPUI5, SAP Fiori, mobile, social media, and enterprise applications. Highlights: SAP Gateway installation and deployment OData service creation and deployment Mobile development Social media development Security Lifecycle management SAPUI5 SAP Web IDE SAP Fiori SAP HANA Galileo Press heißt jetzt Rheinwerk Verlag.

Unpack your API toolkit with this guide to SAP API Management. Learn how to use the API Designer to create enterprise APIs and discover how to manage their lifecycle. Walk through key processes that optimize your APIs and keep them running smoothly: traffic management, mediation, security, and monetization. Get expert guidance on building applications, generating integration flows, and running analytics. Master API management from end to end In this book, you'll learn about: a. API Lifecycle Walk through API management from end to end: design, management, consumption, and more. Understand how components such as the Developer Portal and API Gateway support the API lifecycle. b. Key Processes Make the most of your APIs. See how to monitor traffic; perform message transformation, parsing, and validation; handle API security threats; and monetize API products. c. Consumption and Analytics Get your APIs working for you. Learn how to consume APIs in SAP Fiori apps, mobile apps built with SAP Mobile Services, and more. Then, analyze API consumption to gain insight into usage trends and performance. Highlights Include: 1) Architecture 2) End-to-end lifecycle 3) Design and development 4) Traffic management 5) Mediation 6) Security 7) Monetization 8) Consumption 9) Enterprise integration 10) Analytics 11) SAP API Business Hub

Introduction to SAP Fiori -- Installation and configuration -- SAP Fiori security -- Implementing transactional apps -- Implementing fact sheet apps -- Implementing analytical apps -- Creating OData services with SAP gateway -- Introduction to SAP web IDE -- Creating and extending transactional apps -- Creating and extending fact sheet apps -- Creating and extending analytical apps -- Workflow and SAP Fiori -- Integration with other SAP products -- Introduction to SAP screen personas

* Understand SAP CRM's technical landscape and how it differs from the rest of the SAP Business Suite * Learn about the SAP CRM data model and how to load and extract data * Explore the most useful enhancements in SAP CRM If you've ever had to work on the SAP CRM backend, this book is the resource you've been waiting for. You'll establish a working knowledge of SAP CRM architecture, and then learn how to use the development tools and options that SAP provides to tailor the system. You'll also follow a simple development example throughout the book that will help you apply the programming logic you've learned to real-world situations. SAP CRM Basics Build an essential SAP CRM foundation: learn about technical design, data modeling and BADIs, and development tools and techniques. Data Modeling Tools Once you understand the SAP CRM data model, discover how to use the Application Enhancement Tool, marketing

attributes, and more to extend and enhance the data model to meet business requirements without coding. Code Logic Find the code you need to effectively work with SAP CRM, and also learn detailed coding logic to be able to create your own code. Configuration and Enhancements Learn how to input business logic with the BTE framework, enhance the open channel for Campaign Management, and much more. Common Enhancement Requests Understand the requests that businesses commonly make in sales, service, marketing, and analytic processes, and learn how to modify the SAP CRM system with the right tools to fix these gaps.

Bring your cloud and on-premise applications together with SAP Cloud Platform Integration! Learn how to integrate processes and data in your system, step-by-step, by developing and configuring integration flows in the Cloud Foundry and Neo environments.

Explore prepackaged integration content in the integration content catalog, debug and secure integration projects, enable B2B integration, develop custom adapters, and more. With this guide, master SAP Cloud Platform Integration! a. Fundamentals Find out how SAP Cloud Platform Integration fits into SAP's cloud strategy. Whether you're in the Cloud Foundry or Neo environment, explore its architecture and tools, and learn how to run your first integration flow. b. Integration Development Using prepackaged integration content? Developing custom integrations? Either way, this guide has you covered with step-by-step instructions and screenshots. Master the SAP Cloud Platform Integration runtime, including processes like debugging and error handling. c.

Updated and Expanded Revised to include new SAP Cloud Platform Integration features including open connectors, ELSTER integration, AMQP and JMS adapters, integration flow processing simulation, and how to use the service on both Cloud Foundry and Neo. 1) Integration flows 2) Integration content catalog 3) Modeling synchronous and asynchronous scenarios 4) Debugging 5) Security 6) B2B integration 7) Root cause analysis 8) Web UI 9) Message mappings 10) SAP API Management

"General Rules : Learn the general principles that you should take into account when you create new programs and classes.

Structure and Style : Find the answers to your questions on style, including naming, commentation, and structure of programs and procedures. Architecture : Explore guidelines on individual aspects of architecture, such as object orientation, error handling, user interfaces, data storage, and much more. Secure and Robust ABAP : Ensure your ABAP programs run predictably with no surprises by gaining in-depth knowledge on data types and data objects, calculations and accesses, internal tables, and more.

Tips and Hints : Explore tips and hints throughout the book, as well as examples of good and bad ABAP programming, to help you adopt effective working techniques and principles."--Editor.

Master the advanced concepts of PL/SQL for professional-level certification and learn the new capabilities of Oracle Database 12c

About This Book Learn advanced application development features of Oracle Database 12c and prepare for the 1Z0-146

examination Build robust and secure applications in Oracle PL/SQL using the best practices Packed with feature demonstrations and illustrations that will help you learn and understand the enhanced capabilities of Oracle Database 12c Who This Book Is For

This book is for Oracle developers responsible for database management. Readers are expected to have basic knowledge of Oracle Database and the fundamentals of PL/SQL programming. Certification aspirants can use this book to prepare for 1Z0-146 examination in order to be an Oracle Certified Professional in Advanced PL/SQL. What You Will Learn Learn and understand the

key SQL and PL/SQL features of Oracle Database 12c Understand the new Multitenant architecture and Database In-Memory option of Oracle Database 12c Know more about the advanced concepts of the Oracle PL/SQL language such as external procedures, securing data using Virtual Private Database (VPD), SecureFiles, and PL/SQL code tracing and profiling Implement Virtual Private Databases to prevent unauthorized data access Trace, analyze, profile, and debug PL/SQL code while developing database applications Integrate the new application development features of Oracle Database 12c with the current concepts Discover techniques to analyze and maintain PL/SQL code Get acquainted with the best practices of writing PL/SQL code and develop secure applications In Detail Oracle Database is one of the most popular databases and allows users to make efficient use of their resources and to enhance service levels while reducing the IT costs incurred. Oracle Database is sometimes compared with Microsoft SQL Server, however, Oracle Database clearly supersedes SQL server in terms of high availability and addressing planned and unplanned downtime. Oracle PL/SQL provides a rich platform for application developers to code and build scalable database applications and introduces multiple new features and enhancements to improve development experience. Advanced Oracle PL/SQL Developer's Guide, Second Edition is a handy technical reference for seasoned professionals in the database development space. This book starts with a refresher of fundamental concepts of PL/SQL, such as anonymous block, subprograms, and exceptions, and prepares you for the upcoming advanced concepts. The next chapter introduces you to the new features of Oracle Database 12c, not limited to PL/SQL. In this chapter, you will understand some of the most talked about features such as Multitenant and Database In-Memory. Moving forward, each chapter introduces advanced concepts with the help of demonstrations, and provides you with the latest update from Oracle Database 12c context. This helps you to visualize the pre- and post-applications of a feature over the database releases. By the end of this book, you will have become an expert in PL/SQL programming and will be able to implement advanced concepts of PL/SQL for efficient management of Oracle Database. Style and approach The book follows the structure of the Oracle Certification examination but doesn't restrict itself to the exam objectives. Advanced concepts have been explained in an easy-to-understand style, supported with feature demonstrations and case illustrations.

This step-by-step developer's guide has everything you need to build SAP HANA-optimized ABAP applications. Explore the environment and tools you'll be using and master development techniques that govern the code-to-data paradigm in SAP HANA. Then jump into backend programming using ABAP Database Connectivity, SQLScript, ABAP-managed database procedures, core data services, and more. Once you've coded your apps, maintain them with runtime statistics, traces, and code analysis. Build it your way! a) Getting Started Begin by exploring the architecture and features of SAP HANA, and setting up your development environments, including SAP HANA Studio and ABAP Development Tools. Understand the code pushdown techniques that govern ABAP development on SAP HANA. b) Database Programming Create, execute, and manage SAP HANA database procedures using native SQL, ABAP Database Connectivity, SQLScript, ABAP-managed database procedures, and more. c) Modeling Use calculation views and CDS views to model SAP HANA data. Create business objects with the Business Object

Processing Framework (BOPF). d) Optimizing Applications Use runtime statistics, ABAP and SQL traces, ABAP code analysis, and system-wide analysis tools to make sure your ABAP applications are performing efficiently. 1) SAP HANA 2) ABAP database connectivity (ADBC) 3) ABAP-managed database procedures (AMDP) 4) SQL and SQLScript 5) Data modeling 6) Core data services (CDS) 7) Native SQL and ABAP SQL 8) Business object processing framework (BOPF) 9) ABAP Test Cockpit 10) Runtime statistics and analysis 11) SAP BTP, ABAP Environment

• Build a full-fledged, enterprise-ready application using SAP Web Client • Explore practical examples that demonstrate SAP Web Client development concepts in a clear, easy-to-follow manner • Learn about BSP programming, GenIL programming, and UI configuration and personalization This is your comprehensive guide to developing and enhancing applications with SAP Web Client. Focusing on development tasks and practical examples, this book will take you on a journey through the Web Client framework, discussing different programming layers and development activities via the use of practical examples, screenshots, and code. With the perfect balance between theory and practical guidance, this book will teach you everything you need to know about building a full-fledged, enterprise-ready application using Web Client.

The data locked in your organization's systems and databases is a precious -- and sometimes untapped -- resource. The SharePoint Business Data Catalog makes it easy to gather, analyze, and report on data from multiple sources, through SharePoint. Using standard web parts, an efficient management console, and a simple programming model, you can build sites, dashboards, and applications that maximize this business asset. SharePoint 2007 Developer's Guide to Business Data Catalog is a practical, example-rich guide to the features of the BDC and the techniques you need to build solutions for end users. The book starts with the basics -- what the BDC is, what you can do with it, and how to pull together a BDC solution. With the fundamentals in hand, it explores the techniques and ideas you need to put BDC into use effectively in your organization. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Knowledge of SharePoint Server and WSS is required. "This book is an absolute must-have!"-Christina Wheeler, SharePoint Consultant, Summit 7 Systems " from experts who know the BDC inside and out."-Monty Grusendorf, Senior Web Developer, Bantrel "An excellent guide for working with the BDC."-Darren Neimke, Author of ASP.NET 2.0 Web Parts in Action "A one-stop guide for SharePoint BDC developers."-Prajwal Khanal, Senior Software Engineer, D2HawkeyeServices Pvt. Ltd.

Whether you're entering data, using SAP software on a daily basis, or need a foundational knowledge of navigating the SAP system, this book offers detailed steps and screenshots that walk you through the processes you need to do your job: logging on to the system, navigation and maintenance, creating reports, printing, and more.

SAP Fiori strategy, standards, and guidelines -- SAP cloud platform and web IDE basics -- Extensibility in SAPUI5 -- Deployment

Familiar with some aspects of managing Workflow, but not with others? This title lets you pick the sections or chapters that are most relevant to you; focus on the provided conceptual explanations, technical instructions, or both. It includes

topics such as configuration, administration and troubleshooting, design, and enhancement.

ABAP's object-oriented concepts let you develop flexible, self-contained software, completely independent of standard SAP applications. But doing so is challenging, even for experienced software architects. This book addresses this issue by showing you, in a hands-on, step-by-step manner, how to successfully navigate the development process with ABAP Objects. First, uncover the requirements critical for designing application systems, and how to model the application object. Then, you'll benefit from expert guidance on the application system in general, including how to split an application into packages, define dependencies, and develop interfaces. Finally, with the authors' help, you'll tackle the greatest challenge of them all: implementing the application layer. GUI programming, SAP Business Partner, and special application programming techniques are also carefully explained in detail. Complete with chapters on information acquisition and managing development projects, this comprehensive programming guide is a must for every serious ABAP developer.

K2 blackpearl and the K2 platform is a large, powerful, "game-changing" application platform built on Microsoft technologies. Understanding it from top to bottom would be a great task for a single person, which is why we have gathered more than a dozen authors to supply you with the information to successfully transform your company into a process-oriented, efficient business that can grow with the K2 platform. Since this is the first book on K2 blackpearl, you will find a broad range of topics in this book, from the market in which K2 blackpearl is aimed to the architecture of the platform, from how to approach process design to developing your own custom user manager. The first part of the book is meant for everyone and provides an understanding of K2 blackpearl and where it fits in the marketplace. It is included to provide a framework for thinking about various aspects of process-driven applications, including how they differ from business process management techniques; identifying processes in your company to automate, the different pieces that make up a process; measuring the success of your efforts; and finally shifting your company's culture in the direction of process efficiency. This section may be the only section you need to read if you are sponsoring a process improvement effort in your company. If you are responsible for leading the effort, make sure to read Chapters 3 and 4. The other parts are meant to provide details on how to effectively deploy and use K2 blackpearl and include a broad range of topics. Read what you are most interested in, but also make sure to read Chapter 8, which will give you a great foundation to start designing processes with K2 blackpearl. Chapter 14 is also recommended for everyone because it provides an overview of the available K2 Designers and how you can share projects among them. K2 blackpearl is the main subject of this book, although we devote an entire chapter, Chapter 23, to the add-on product K2 connect to give you an understanding of how to bring SAP data into your processes. We also talk a bit about K2 blackpoint, particularly in the

SharePoint chapters. Since K2 blackpoint is built on the K2 blackpearl foundation, many of the same concepts apply to that product as well, but we do not point out the differences between K2 blackpearl and K2 blackpoint. For that information browse to www.k2.com.

Enterprise mobility is a key element of successful business today, and demand for mobile integration of SAP enterprise systems is booming. MOBILITY FOR SAP will guide you, step-by-step, through the creation of mobile apps that interface with the SAP system (ERP and CRM). App creation is divided into three steps, all of which are covered in this book: app integration, app development, and app deployment. App integration with SAP requires specific middleware or a web service, and this book covers creation/configuration/setup of both technologies. After a channel is created to the data on SAP, the actual app must be developed. Finally, app deployment covers how to let the app securely access your SAP system from outside a company's firewall. Each chapter of this practical how-to guide includes a review section, questions, and exercises (with solutions). Whether you're an SAP expert hoping to make the jump to the mobile market, or an app developer looking to penetrate the enterprise market, MOBILITY FOR SAP will give you the tools you need to succeed.

SAP is a market leader in enterprise business application software. SAP solutions provide a rich set of composable application modules, and configurable functional capabilities that are expected from a comprehensive enterprise business application software suite. In most cases, companies that adopt SAP software remain heterogeneous enterprises running both SAP and non-SAP systems to support their business processes. Regardless of the specific scenario, in heterogeneous enterprises most SAP implementations must be integrated with a variety of non-SAP enterprise systems: Portals Messaging infrastructure Business process management (BPM) tools Enterprise Content Management (ECM) methods and tools Business analytics (BA) and business intelligence (BI) technologies Security Systems of record Systems of engagement The tooling included with SAP software addresses many needs for creating SAP-centric environments. However, the classic approach to implementing SAP functionality generally leaves the business with a rigid solution that is difficult and expensive to change and enhance. When SAP software is used in a large, heterogeneous enterprise environment, SAP clients face the dilemma of selecting the correct set of tools and platforms to implement SAP functionality, and to integrate the SAP solutions with non-SAP systems. This IBM® Redbooks® publication explains the value of integrating IBM software with SAP solutions. It describes how to enhance and extend pre-built capabilities in SAP software with best-in-class IBM enterprise software, enabling clients to maximize return on investment (ROI) in their SAP investment and achieve a balanced enterprise architecture approach. This book describes IBM Reference Architecture for SAP, a prescriptive blueprint for using IBM software in SAP solutions. The

reference architecture is focused on defining the use of IBM software with SAP, and is not intended to address the internal aspects of SAP components. The chapters of this book provide a specific reference architecture for many of the architectural domains that are each important for a large enterprise to establish common strategy, efficiency, and balance. The majority of the most important architectural domain topics, such as integration, process optimization, master data management, mobile access, Enterprise Content Management, business intelligence, DevOps, security, systems monitoring, and so on, are covered in the book. However, there are several other architectural domains which are not included in the book. This is not to imply that these other architectural domains are not important or are less important, or that IBM does not offer a solution to address them. It is only reflective of time constraints, available resources, and the complexity of assembling a book on an extremely broad topic. Although more content could have been added, the authors feel confident that the scope of architectural material that has been included should provide organizations with a fantastic head start in defining their own enterprise reference architecture for many of the important architectural domains, and it is hoped that this book provides great value to those reading it. This IBM Redbooks publication is targeted to the following audiences: Client decision makers and solution architects leading enterprise transformation projects and wanting to gain further insight so that they can benefit from the integration of IBM software in large-scale SAP projects. IT architects and consultants integrating IBM technology with SAP solutions.

* Learn how to develop your own add-ons and custom-specific solutions to SAP Business ByDesign * Work with the Scripting Language to implement new business objects, and design your own UIs * Discover how to sell and distribute your custom applications Get ready for a new era of SAP programming! This book is your first and ultimate guide to developing for SAP Business ByDesign. See the new development environment and the Scripting Language in action, understand how to model and implement business objects, and design your own UIs. Begin a journey deep into the inner workings of SAP's new business solution! Studio and Scripting Language Explore all features and functions of the new development environment. Learn how to implement new business objects using the SAP Business ByDesign Scripting Language. Business Objects and UIs Extend existing business objects and UIs, design new UIs, and define your own business objects with nodes, associations, actions, queries, and messages. Full-Fledged Applications Integrate your business objects and UIs to create new applications. Enrich them with analytical functions, and integrate them with output and web services as well as workflows. Architecture and Platform Fundamentals Understand the architecture building blocks and fundamental business concepts of SAP Business ByDesign, and learn how to work with built-in reuse services. Tutorials, Tutorials, Tutorials Find over 70 hands-on tutorials, which ensure that you won't just understand the theory, but also learn by doing everything yourself. Highlights * SAP Business ByDesign studio and Scripting Language *

Business object modeling, implementation, and extension * User interface extension and creation * Business configuration * Business analytics * Service integration * Business object engine, user interface engine, and extensibility framework * Business Partner, Organizational Unit, Party, and Identity * Lifecycle management and SAP Store
SAP BTP, ABAP environment requires specialized knowledge of language limits and development environment--let this book be your guide!
Begin by provisioning a trial instance and setting up ABAP Development Tools in Eclipse. Then, walk step-by-step through building an app using the ABAP RESTful application programming model, developing backend services, and creating SAP Fiori apps. Connect your cloud-based ABAP applications to on-premise and cloud systems and learn how to manage and maintain those applications. ABAP's not dead, it's in the cloud! Highlights include: 1) ABAP Development Tools in Eclipse 2) SAP BTP, Cloud Foundry environment 3) ABAP RESTful application programming model 4) Application development 5) Backend services 6) SAP Fiori 7) Consuming APIs 8) Identity and access management 9) Application lifecycle management 10) Monitoring and security

Do you want to utilize the new CRM user interface in the best possible way? This comprehensive guide, suitable for SAP CRM 2007 and SAP CRM 7.0, explains everything that you need to know about the CRM Web Client: the architecture of the UI framework, the Customizing options (roles, navigation, portal integration, and much more), as well as all options that are available for customer-specific extensions through programming. Readers quickly discover the critical modeling tools, such as the Easy Enhancement Workbench (EEWB) and the UI Configuration Tool. Then, explore all options for adapting the header, navigation, and work area without any development effort. The authors provide an in-depth look at the individual components of views, windows, and controllers, and deliver priceless tips on context binding, model integration, navigation and more. You'll learn about development and extension of UI components, the usage of the Business Object Layer (BOL), and the extension of the GenIL object model, as well as the modeling and usage of web services for the integration of Office applications. What's more, you'll also find comprehensive real-life examples to provide you with additional support for your daily project tasks. For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

"Stay on the cutting edge of ABAP technology! Learn what's new with the latest ABAP releases--7.52 and 7.53--and see what other SAP technologies are now bringing to the table. Learn about abapGit and transporting objects between systems, designing exception classes, and new test tools for core data services, SAPUI5, and Web Dynpro ABAP. Take your ABAP coding to the next level!"--

"Your comprehensive guide to SAPUI5! From get the know-how to develop MVC apps, use OData, create data bindings, debug and test code, and deploy apps. Learn the dos and don'ts of SAPUI5 and everything in between, whether you're implementing CRUD operations or writing your own controls. See what's new with SAP Cloud Platform, SAPUI5 support assistant, and more. Your best apps are yet to come"--
IDoc integration flows are only efficient if they are well designed. But to design them well, you have to know how to address the difficulties that can arise in various scenarios. So, to solve these problems, you have two possibilities: trial and error, or reading this book. The new edition of this best-selling guide has been completely updated and extended. It not only thoroughly explains the concepts behind IDocs, but also teaches you how to process IDocs via SAP NetWeaver Process Integration in different business scenarios. 1 Expert Advice Learn about the usage, configuration, and administration of IDocs, and familiarize yourself quickly with all monitoring and error handling aspects. 2 Easy-

to-Follow Examples Discover how to use the best possible techniques through easy-to-follow examples based on MM (Materials Management) and SD (Sales & Distribution). 3 Technical Details and Business Background Find out about the comprehensive technical details of IDocs, as well as the business background of their implementation — step by step and with the numerous code samples provided. 4 Key Integration Processes Get to know central processes like IDoc monitoring within SAP NetWeaver landscapes and all aspects of exchange development (tunneling, packaging, serialization, mapping). 5 All-New Topics in this 2nd Edition Explore the ALE distribution model, and two of the latest functionalities for IDoc monitoring: SAP Solution Manager and IDoc packaging.

Do you want to design and develop enterprise services yourself? Do you wish you understood the services provided by SAP and could use them in your applications? If you answered yes to either of these questions, then this book is the right choice for you. Going well beyond the basics, this comprehensive resource guides you through the entire process of modeling and developing enterprise services, from A to Z. Screenshots and detailed, commented code ensure that you quickly master all of the essential details, while avoiding time-consuming trial and error. 1 Development Learn best practices for developing enterprise services in ABAP and also in Java and how you can ensure that the services behave consistently. 2 Modeling Gain the skills needed to identify the appropriate set of services and model the interfaces in such a way that they are consistent and coherent with each other. 3 Technical Principles and Standards Familiarize yourself with the technical principles of services and learn which rules you must adhere to in order to ensure a smooth implementation. 4 Implementation Understand general steps that you should consider in the implementation to ensure that the enterprise services behave in the desired manner. 5 Sample Implementations Benefit from concrete examples of implementations for both service providers and consumers.

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