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Take a deep dive into SAP Fiori and discover Fiori architecture, Fiori landscape installation, Fiori standard applications, Fiori Launchpad configuration, tools for developing Fiori applications and extending standard Fiori applications. You will learn: Fiori architecture and its applications Setting up a Fiori landscape and Fiori Launchpad Configuring, customizing and enhancing standard Fiori applications Developing Fiori native applications for mobile Internet of Things-based custom Fiori applications with the HANA cloud platform Bince Mathew, a SAP mobility expert working for an MNC in Germany, shows you how SAP Fiori, based on HTML5 technology, addresses the most widely and frequently used SAP transactions like purchase order approvals, sales order creation, information lookup, and self-service tasks. This set of HTML5 apps provides a very simple and accessible experience across desktops, tablets, and smartphones. Prerequisites and steps for setting up a Fiori landscape and Launchpad Fiori standard application configuration Extending and customizing standard Fiori applications Developing custom Fiori applications from scratch Building custom Fiori applications for Internet Of Things using HANA cloud Fiori apps with cordova and kapsel plugins Written by SAP consultants, this title provides the stepping stone for individuals waiting to break into the SAP arena. It serves as a reference guide to the seasoned consultant, a

tutorial to the individual trying to learn ABAP/4, and as an explanation of the new functionality, including SAP's integration into the Web. Sample applications are provided on the CD-ROM. ABAP (Advanced Business Application Programming) is a powerful programming language created specifically for developing SAP applications. "ABAP Objects" is the new object-oriented generation of this language, designed to respond to the needs of SAP's future strategies and environments. Written by two leading experts and approved by SAP's ABAP Language Group, "ABAP Objects" provides an in-depth and comprehensive introduction to SAP application programming for Release 4.6. The focus is on ABAP Objects, which is treated here not as an add-on, but as an integral part of the ABAP language. An indispensable guide for novice and experienced programmers alike, " ABAP Objects " includes coverage of these essential topics: The new ABAP Workbench and the most important features of the ABAP language.The fundamentals of ABAP programming, including the ABAP runtime environment. The core ABAP language elements. The two ABAP programming models - classical and object-oriented - and their relevant statements. Advanced concepts of OO programming with ABAP Objects.Programming the SAP user interface. Database access with OpenSQL.ABAP glossary and a complete list of system fields. The book also includes two CDs carrying a fully operational SAP Basis System, and containing all the example programs from the book.

0201750805B04022002 \* Includes a comprehensive description of all important ABAP commands \* Provides an introduction to the concepts of object orientation \* Offers step-by-step techniques to develop your first working ABAP application In its newly revised and updated second edition, ABAP Basics is an ideal companion on your journey towards your first working ABAP applications. Whether you are already familiar with another programming language or ABAP is your first, this book provides you with comprehensive and structured basics on programming business-critical software. Get to know all relevant programming concepts and methods from scratch and implement them based on a holistic, real-life example. Procedural and object-oriented language elements are presented with step-by-step instructions, screenshots, and

tried-and-tested tips. With every chapter, this book extends the sample application so that you are able to reproduce a comprehensive ABAP application with all its details. Introduction to ABAP Programming Get to know the most important ABAP statements and concepts of object orientation in order to write your first functional applications. Language Requirements Learn the programming language of SAP, while understanding the connections between ABAP programming and other programs. Standard Solutions Read about typical problems and their solutions, while referencing solution screenshots and step-by-step instructions. Latest Updates Explore updated content, such as a new overview to SAP software and architecture, as well as updated references to terminology, source references, and programming errors. Practice Scenario Use the practice scenario provided in this book to embark on a real-life programming project. Highlights Include \* Object Navigator \* Procedural Language Elements \* Database Access \* User Interface and Screen Input/Output \* Object-Oriented Language Elements \* Software Architecture and Software Design \* SAP Programming Guidelines and Tools SAP is the world leader in Enterprise Resource Planning (ERP) software; of the software's modules, the FI (Finance) and CO (Controlling) are by far the most popular and are widely implemented. This book has no competition?it is the only book on the market on how to configure and implement SAP's FI and CO modules to maximize functionality and features hands-on, step-by-step instructions and real-world examples that provide immediate and practical solutions. Updated for SAP's ECC 6.0, the book covers FI enterprise structure, general ledger, substitutions and validations, automatic account assignments, accounts payable and receivable, asset accounting, accrual engine, closing entries, credit management, lockbox, CO enterprise structure, profitability analysis (CO-PA), and more. 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. You've worked with ABAP, SAP Fiori, and OData--now see how these technologies and more come together in the ABAP RESTful programming model! Build on your expertise to create cloud-ready applications for SAP S/4HANA and deploy applications to the SAP Fiori launchpad. Manage applications with Git version control, automated testing, and continuous integration. Make the new model work for you! 1) ABAP RESTful programming model 2) End-to-end development 3) SAP S/4HANA 4) SAP Fiori Elements 5) Business objects 6) Deployment 7) Core data services (CDS) 8) OData services 9) Automated testing 10) Continuous integration 11) SAP Cloud Platform a. ABAP RESTful Programming Model Develop web-based SAP HANA-optimized ABAP applications for SAP S/4HANA. Master the new ABAP RESTful programming model, from queries, business objects, and business services, to its relationship to SAP Fiori and SAP Gateway. b. SAP Fiori Elements and Freestyle Applications Get the step-by-step instructions you need to create list reports, overview pages, analytical list pages, and freestyle applications. See how the ABAP RESTful programming model incorporates core data services, business object behaviors, OData, and more. c. Deployment and Operations Once your applications are developed, deploy them to the SAP Fiori launchpad. Implement Git version control, automated backend and frontend testing, and continuous integration. This book is written in simple, easy to understand format with lots of screenshots and step-by-step explanations. If you are an ABAP developer and consultant looking

forward to build advanced SAP programming applications with ABAP, then this is the best guide for you. Basic knowledge of ABAP programming would be required. Step into ABAP with this beginner's guide. First understand ABAP syntax and find out how to add data and logic to your applications. Then delve into backend programming: learn to work with the ABAP data dictionary, create database objects, and process and store data. Round out your skill set by practicing error handling, modularization, string manipulation, and more. With guided examples, step-by-step instructions, and detailed code you'll become an ABAP developer in no time

Highlights: Procedural programming Object-oriented programming Flow control Arithmetic operations Data dictionary Defining variables and constants Creating tables Database read/write Modularization Debugging SAP List Viewer (ALV) Revised edition of the authors' SuccessFactors with SAP ERP HCM, [2015] \*

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. 'ABAP Objects' comprehensively covers the new object oriented generation of SAP's programming language ABAP. Implement a powerful end-to-end SAP administration solution Get peak performance from your SAP ERP infrastructure using the detailed implementation, maintenance, and support information in this comprehensive resource. SAP Basis Administration Handbook, NetWeaver Edition delivers integrated management strategies covering both ABAP and Java stacks. Discover how to deploy components, accurately size throughout, configure Oracle databases, back up your system, and repair performance problems. Career trends, certification requirements, and marketable SAP Basis skills are also discussed in this practical guide. Essential Skills for SAP Professionals: Plan, prepare, and install SAP NetWeaver Application Server Set up, configure, and troubleshoot Java and ABAP stacks Establish server infrastructure and efficiently balance workloads Incorporate transport management and software logistics Resolve performance issues and startup problems Access SAP support infrastructure through SAP Service Marketplace Manage and back up Oracle databases using BR\*TOOLS Perform system copies, stack upgrades, and OS/DB migrations SAP ABAP (Advanced Business Application Programming) offers a detailed tutorial on the numerous features of the core programming platform, used for development for the entire SAP software suite. SAP ABAP uses hands on business oriented use cases and a valuable dedicated e-resource to demonstrate the underlying advanced concepts of the OO ABAP environment and the SAP UI. SAP ABAP covers the latest version (NetWeaver 7.3 and SAP application programming release 6.0) of the platform for demonstrating the customization and implementation phases of the SAP software implementation. Void of theoretical treatments and preoccupation with language syntax, SAP ABAP is a comprehensive, practical one stop solution, which demonstrates and conveys the language's commands and features through hands on examples. The accompanying e-resource is a

take off point to the book. SAP ABAP works in tandem with the accompanying e-resource to create an interactive learning environment where the book provides a brief description and an overview of a specified feature/command, showing and discussing the corresponding code. At the reader's option, the user can utilize the accompanying e-resource, where a step-by-step guide to creating and running the feature's object is available. The presentation of the features is scenario oriented, i.e. most of the features are demonstrated in terms of small business scenarios. The e-resource contains the scenario descriptions, screen shots, detailed screen cams and ABAP program source to enable the reader to create all objects related to the scenario and run/execute them. The underlying concepts of a feature/command are conveyed through execution of these hands-on programs. Further exercises to be performed independently by the reader are also proposed. The demonstration/illustration objects including the programs rely on some of the SAP application tables being populated, for example an IDES system which is now a de facto system for all SAP training related activities. Enrich your skill set with Open SQL and CD5 views

**DESCRIPTION** The book has been written in such a way that the concepts are explained in detail, giving adequate emphasis on examples. To provide clarity on the programming examples, logic is properly explained and discussed by using comments in program itself. The topics covered in this book include starting the software using snapshots of the same and writing programs. Simple to complex SAP/ ABAP HANA examples are provided in detail, considering the requirement of IT consultants the basic idea of developing projects in it. The examples provided in this book are user-focused and are provided through sections, figures and examples.

**KEY FEATURES** Comprehensive coverage of SAP / ABAP HANA with emphasis on real-time case studies. Practical examples along with Screen personas, SAP Fiori cloud, OPEN SQL, Native SQL & ADBC, CDS support in SAP NW ABAP 7.4 SP5, SAP HANA Studio, performance enabler Rules & guidelines. Simple language, crystal clear approach, straight forward comprehensible presentation. Concepts are duly supported with examples. Topic coverage with the aim

to fill the skill gap among industry and academia. SAP Business Suite powered by SAP HANA are helpful for developing projects for IT consultants

**WHAT WILL YOU LEARN** Gaining Customers by adopting and implementing SAP HANA in organisations / projects / programs Facilitating to maintain Customer Relationships as the core of all successful working relationships are two essential characteristics: trust and commitment. To demonstrate their trustworthiness and commitment to customers, progressive suppliers periodically provide evidence to customers of their accomplishments. Help in delivering "Superior Value and Getting an Equitable Return" as understanding value in business markets and doing business based on value delivered gives suppliers the means to get an equitable return for their efforts. This document is a compilation of SAP ABAP/4 coding and efficiency standards and will provide guidance in creating readable, maintainable code. It is intended for all developers in the SAP R/3 system. This document is based primarily on ABAP/4.

**WHO THIS BOOK IS FOR** Person from IT domain having software background, preferably with SAP technical or techno functional or functional or domain knowledge.

**Table of Contents**

1. Introduction
2. General Programming Standards
3. ABAP Internal Names
4. ABAP/4 Dictionary
5. Security Authorisations considerations
6. ABAP/4 Coding Techniques

Looking to innovate, transform processes, or just get more from your data? This guide to SAP Leonardo shows you how new technologies--from machine learning to blockchain--intersect with existing processes to transform your business. You'll walk through practical examples of SAP Leonardo tools at work in manufacturing, product management, logistics, finance, and more. From using machine learning for smart manufacturing to leveraging IoT and big data for a connected fleet, you'll get the hands-on introduction to SAP Leonardo you've been looking for

**Highlights include:** -SAP Leonardo Analytics -SAP Leonardo Big Data -SAP Leonardo Blockchain -SAP Leonardo Internet of Things -SAP Leonardo Machine Learning -Data intelligence - Manufacturing and assets -Products and inventory -Logistics -Finance

Austin Sincock provides step-by-step real-world examples for developing Enterprise Java applications on SAP. His is the first title that uses open-

source software to help developers learn and use Java for SAP. Bridges the gap between SAP's language ABAP and object-oriented Java Provides a complete look at SAP's Java connector, JCo Demonstrates graphical application development for SAP using Java's Swing libraries Shows how to deploy and build Java applications on the Tomcat Java application server Teaches how to deploy the Java-based HypersonicSQL database, use SQL to populate the database, and tie the external database into an SAP system with Java The SAP R/3 System: An Introduction to ERP and Business Software Technology by R, diger Buck-Emden SAP's R/3 System sets the standard for the development of modern enterprise requirements applications n a multilingual, multinational client/server technology that meets all business requirements for scalability, portability, openness and high performance. This book provides essential background reading for anyone considering implementing any ERP package, and particularly the SAP R/3 System. The SAP R/3 System: An introduction to ERP technology describes the basic features of client/server computing and the technical structure of ERP systems, and then goes on to introduce the technical architecture of the R/3 system, application development with ABAP/4, R/3 business applications and implementation of an R/3 system within a business. This new edition of the best-selling introduction to the R/3 system has been comprehensively updated to reflect the changes and advances introduced with v4 of the system, and includes new coverage in areas such as Internet capability, SAP's Business Framework, Object Technology and R/3, and implementation and customization of an R/3 system. Features: Complete introduction to SAP R/3 technology Comprehensively updated to cover SAP R/3 v4 Based on wide experience from real R/3 implementations New to this edition: NEW chapter on SAP Business Framework NEW chapter on Object Technology and SAP R/3 NEW chapter on Business Processes on the Internet NEW chapter on R/3 Implementation and customization 0201596172B04062001 What is SAP BW/4HANA? More importantly, what can it do for you? Between these pages, you'll explore the answers to these questions, from simplified data models and SAP BW/4HANA Analytics to automated data lifecycle management. You'll

find step-by-step instructions for installation and setup, a guide to administrative tasks to keep your SAP BW/4HANA system in tip-top shape, and the low-down on security in your new system. Explore the data warehouse of the future! Highlights: -SAP HANA -SAP BW/4HANA Analytics -Installation and deployment -Data modeling -Reporting and analytics -Data lifecycle management -Administration -Security -Data warehousing solution 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 A lot of SAP professionals start their careers as programmers and focus on turning functional specifications into technical specifications and writing code. First Steps in SAP ABAP (Advanced Business Application Programming) is the resource that every beginner needs to have. You will learn how to write your own ABAP code step by step and progressively build your own ABAP application. - Step-by-Step instructions for beginners - Comprehensive descriptions and code examples - A guide to create your first ABAP application - Tutorials that provide answers to the most commonly asked programming questions Get a head start on SAP ABAP! This book provides you with the tools you need to get started with a job as an SAP ABAP programmer For the executive: what SAP HANA is and how it can help you For the practitioner: details on data modeling, data provisioning, and the SAP HANA client tools For everyone: the latest and greatest developments Suite on SAP HANA, advanced applications for SAP HANA, and more 2nd

edition updated and expanded HANA is shifting SAP into high gear don't get left in the dust. In this updated edition of our best-selling book, explore the what, why, when, and how of SAP HANA. From building a business strategy to administering a system (and all the pit stops in between), you'll have the big picture you need to get started. Buckle up, because this is one car that doesn't travel in the slow lane. Business Strategy Learn how big data, in-memory computing, and SAP HANA come together to influence your business strategies, from trend reporting to predictive analysis. Implementation Options Which type of SAP HANA implementation is right for you? Learn what you need to know about your different options, and get started planning an implementation: technical requirements, sizing, and migration considerations. Data Modeling and Provisioning Introduce yourself to Studio and Information Composer, SAP HANA's data modeling tools. Then get information about data provisioning in SAP HANA, including step-by-step instructions for SAP Data Services. SAP BusinessObjects BI Understand how the SAP BusinessObjects BI platform hooks up to SAP HANA, including information on SAP BusinessObjects Design Studio and SAP Visual Intelligence. Administration Take a look into the SAP HANA Administration Console and understand the most important administrative tasks in an SAP HANA system. ABAP workshops to help you learn quickly Task-oriented presentation of the most important ABAP statements Commented code examples and many screenshots 2nd edition, updated and expanded Are you an ABAP novice? Not for long! With this book, you're well on your way to becoming fluent in the language of ABAP. Begin at the beginning with a quick introduction to the SAP system, and then gain an instant sense of achievement with self-written source code. Based on a simple example, you'll be able to create your own programming solutions before you know it. Discover the world of ABAP development in more and more detail, from single-line reports to program flow control and data transfer. With commented code examples, numerous screenshots, and valuable tips and tricks, you'll soon feel like you were born to speak ABAP. The Whole Picture Learn everything you need to explore the world of ABAP programming: the architecture of the

SAP system, the most essential development tools, and the structure of ABAP reports. Getting Started Write your very first ABAP program! It only takes a few steps to create your first report, maintain its properties, and write the source code. Follow Along with a Comprehensive Example Create database tables and lists, work with fields and calculations, and detect errors. Thanks to the hands-on examples, you'll quickly understand the application purpose of your code lines. Sample Code Benefit from detailed and fully commented sample code that will take you to the next level of ABAP understanding. Advanced Topics Move beyond the basics to master logical expressions, modularize programs, and deal with forbidden code. Highlights Getting started in the SAP system ABAP Dictionary and ABAP Editor Fields and calculations Modifying character strings Debugging programs Modifying transparent database tables Calculating dates, times, quantities, and currencies Using data in a database table Program flow control and logical expressions Selection screens Internal tables Modularizing programs 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 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: a. 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. b. 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. c. 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

ABAP developers, are you looking to clean up your code? Then pick up this official companion to the Clean ABAP GitHub repository. This book is brimming with best practices, straight from the experts, to help you write effective ABAP code. Start by learning when to apply each clean ABAP practice. Then, dive into detailed code examples and explanations for using classes, methods, names, variables, internal tables, and more. From writing code to troubleshooting and testing, this is your complete style guide! In this book, you'll learn about: a. Clean ABAP Concepts What is clean ABAP and

why is it important to write clean code? Understand clean ABAP concepts with insight from the experts, including special considerations for legacy code and performance. b. Best Practices Walk through the what, why, and how behind clean ABAP best practices. Learn to improve your code, including using classes and interfaces appropriately, handling method design and control flow, designing and running unit tests, and much more. c. Practical Examples See clean ABAP practices in action! Improve your understanding of how to write effective code. Use detailed examples for each best practice that demonstrate the difference between clean and messy code. Highlights include: 1) Classes and interfaces 2) Methods 3) Names 4) Variables and literals 5) Internal tables 6) Control flow 7) Comments 8) Formatting 9) Error handling 10) Unit testing 11) Packages

Do you need to learn SAP for your day-to-day work? Get the detailed steps and screenshots that walk you through the processes you need to do your job. Get comfortable with logging on to and navigating the system, maintaining your data, creating reports, printing, and so much more. Whether you're entering data, automating tasks, or building your foundational knowledge of the SAP system, this book has your back. SAP S/4HANA Cloud has a lot to offer-see what's possible! Explore core functionality like finance, logistics, and reporting with embedded analytics. Learn how SAP S/4HANA Cloud impacts your users and how it can be extended, integrated, and adopted by your organization. Get information on the latest intelligent technologies and see how SAP S/4HANA Cloud can help unify and streamline your business. A bold new world awaits in the cloud! Highlights include: 1) User experience 2) Analytics 3) Business functionality 4) Global business processes 5) Extensibility 6) Integration 7) Adoption 8) Lifecycle management 9) Intelligent enterprise

Easily master JavaScript (JS) with this quick guide and develop mobile and desktop applications for SAP Fiori. This book equips ABAP/SAP developers with the essential topics to get started with JS. The focus of JavaScript Essentials for SAP ABAP Developers is on the parts of the JS language that are useful from the perspective of an ABAP developer. The book starts with a brief intro to HTML, the basics of JS, and how to create and run a simple JS program. It then dives into the



details of the language, showing how to make simple programs. It covers loops in detail, mathematical operations, and string and regular expressions in JS, as well as a taste of functions, followed by objects and object-oriented programming in JavaScript. The book provides: Sample code and screenshots to help you fully understand JS A chapter on JS best practices and recommendations Differences and comparisons of the elements and data structures of ABAP and JavaScript to help you quickly master the material What You'll Learn Create and run a simple JavaScript program Understand loops, operations, and expressions Master the Create and Use functions Use objects and object-oriented programming in JS Apply the best practices of JS programming Who This Book Is For SAP programmers and developers, ABAP users and developers, and university students learning ABAP and JavaScript • Master everything you need to know about the central repository of information for ABAP data • Learn both general information and specific technical details about ABAP Data Dictionary components • Explore practical examples and problem-solving tips to improve your programming skills If you regularly work with the ABAP Data Dictionary, this is the reference you need. Whether you're a beginner or an advanced user, this book will answer your questions about the central repository of information for ABAP data. You'll learn basic background information as well as details about the specific functionality of Data Dictionary elements (domains, tables, views, etc.). The book also provides coverage of more complex topics, such as lock objects, search helps, and the database utility. Comprehensive Overview Benefit from a comprehensive overview that offers valuable information for beginning and advanced users of the ABAP Data Dictionary. Data Dictionary Elements Learn both basic information and specific details about elements such as domains, tables, and views. Programming Skills Enhance your programming skills by learning from example listings that demonstrate beginning and advanced concepts. Standard and Complex Tasks Find helpful tips and tricks for accomplishing the various tasks related to the ABAP Data Dictionary. Practical Approach Explore the many step-by-step instructions and detailed screenshots that elaborate upon important concepts. What

is SAP Business Technology Platform, and what does it offer your organization? Answer these questions and more with this introduction! See how SAP BTP serves as your complete technical foundation and learn about its capabilities for application development, integration, data management, analytics, and more. Identify business use cases and follow practical examples that show how to use SAP BTP's portfolio to its full potential. Envision how SAP BTP enhances your business! 1. In this book, you'll learn about: a. Architecture Learn about enterprise architecture design. Build your IT strategy with SAP BTP by walking through design patterns and planning your development approach. b. Technologies and Services Explore the complete SAP BTP portfolio. See how SAP BTP supports database management, system and process integration, analytics, DevOps, and more as your unified technology platform. c. Use Cases See what's possible with SAP BTP. Learn how to identify business gaps and follow concrete implementation examples to understand how SAP BTP could fulfill your organization's specific needs. 1. Highlights include: 1) Application architecture 2) Administration 3) User interface 4) Application business logic 5) System and process integration 6) Data integration 7) Analytics 8) Security 9) Application development 10) Use cases Discover what SAP CRM is and whether it's right for your business Learn from practical customer examples and real world insight New coverage of mobility, incident management, partner channel management, and more 2nd edition: Fully updated and expanded It's a fact: companies that lose their customer undivided attention and sight of their customers' needs will lose those customers. SAP CRM provides you with the tools you need to attract and retain quality customers. Whether you're new to SAP or need to brush up on SAP CRM, this book will explain the core areas of CRM in an easy-to-understand manner. Perfect for managers and consultants, this book comprehensively explains what SAP CRM is, how it can improve your relationship with your customers, and how it can enhance cost effectiveness while improving profitability. Achieve customer-driven growth and explore the different ways SAP CRM can be integrated into your business. Supported by customer examples and practical insight, learn how SAP CRM works in

the real world. Highlights- Marketing, sales, and service- Interaction centers- Web channels- Mobile applications- Partner channel management- Master data- Industry verticals This book helps newcomers to ABAP gain an instant sense of achievement, while hurtling up the learning curve towards the development their own source code. The author's practical "on the job" approach ensures that you'll quickly familiarize yourself with all of the most important aspects of ABAP programming. Using straightforward examples, you'll begin learning how to build your own programming solutions starting right on the first page. From the single-line ABAP report to modularized flow control and complex data transfer structure, step-by-step instructions with volumes of commented code samples and screenshots serve to ensure your rapid progress in the world of ABAP programming. Getting started with ABAP Learn everything you'll need to get started: Architecture of the SAP system, development tools, and structure of ABAP reports Your first ABAP report Create your first report, maintain its properties, create its source code, and execute it Follow along with an extended real-life example Starting on the first page, a simple, ongoing example guides you through the book as you create database tables and lists, calculate with numbers, and find program errors with the ABAP Debugger Take your skills to the next level Make case distinctions, implement control structures and branches, and learn about logical expressions, selection screens, and the modularization of programs Learn ABAP the easy way Benefit from concise learning units, helpful tips and tricks, numerous screenshots, and comprehensive sample code Highlights Include: \* Data Dictionary and ABAP Editor \* Fields and Calculations \* Calculating with Date and Time, Quantities, and Currencies \* Transparent Database Tables, Internal Tables \* Flow Control and Logical Expressions \* Selection Screens What will your financial transformation look like? This introduction to SAP S/4HANA Finance shows you next-generation finance in the new suite: financial accounting, management accounting, risk management, financial planning, and more. Consider how each process works in SAP S/4HANA, and explore the SAP Fiori apps that help you meet today's business user and reporting requirements. From previewing

project planning to navigating deployment options, take your first steps toward financial transformation! a. The Basics Explore financial transformation with SAP's new platform. Discover the system, the database, the UI, and more--all from a business perspective. Then, understand how an SAP S/4HANA Finance implementation would impact your organization. b. Core Processes Financial transformation affects every process. See what SAP S/4HANA does for management accounting, treasury and risk management, financial close, consolidation, reporting, and more. c. From Planning to Go-Live Get a head start on project preparation! See how SAP S/4HANA Finance fits into your IT landscape, and explore your deployment options: on-premise, hybrid, or cloud. Highlights Include: 1) Universal Journal 2) SAP HANA 3) Management accounting 4) Financial close and consolidation 5) Reporting and analytics 6) Treasury and Risk Management 7) SAP Fiori applications 8) Deployment and adoption 9) Financial transformation 10) SAP S/4HANA Whether you're new to ABAP, or you've been developing for years, this is the resource for you. Build your foundation with basic programming concepts and tools, then take it to the next level with modifications and enhancements for your ABAP code. Design reports and screens, develop applications using dialog programming, create interfaces, and more. Your ultimate reference guide to the world of ABAP is here! a. Everything ABAP Learn everything there is to know about ABAP. Start with keywords, syntax, tools, data types, and events. Then level up and master user interaction, exception handling, dialog and dynamic programming, and more. b. Programming Techniques Get to know techniques like object-oriented and procedural programming and how they relate to ABAP. Master modularization, inheritance, data encapsulation, and leverage existing features and functionality without having to reinvent the wheel! c. Debugging and Testing Writing code is one thing, making it work is another! Learn how to debug code using the classic and new debuggers, and put your programs to the test using tools like ABAP Unit and the code inspector. 1) Architecture and environment 2) Syntax, keywords, structures, and tables 3) User interaction 4) Modularization 5) Persistent data 6) Dialog and dynamic programming 7)

Reports and forms 8) Interface development 9) Modifications and enhancements 10) Debugging and testing

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