

Javascript Essentials For Sap Abap Developers

Describes the features and capabilities of the Web search engine.

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,

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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
New to SAP S/4HANA Cloud? This is the book for you! Get detailed descriptions and screenshots to see what is possible in SAP S/4HANA Cloud, from core functionality like finance and logistics to reporting with embedded analytics and KPIs. 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 to experience the complete solution scope. Discover what SAP S/4HANA Cloud means for your business! Highlights include: 1) User experience 2) Analytics 3) Business processes 4) Extensibility 5) Integration 6) Adoption 7) Lifecycle management 8) Intelligent enterprise 9) Intelligent technologies

Summary Third-Party JavaScript guides web

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developers through the complete development of a full-featured third-party JavaScript application. You'll learn dozens of techniques for developing widgets that collect data for analytics, provide helpful overlays and dialogs, or implement features like chat or commenting. The concepts and examples throughout this book represent the best practices for this emerging field, based on thousands of real-world dev hours and results from millions of users. About this Book There's an art to writing third-party JavaScript—embeddable scripts that can plug into any website. They must adapt easily to unknown host environments, coexist with other applications, and manage the tricky security vulnerabilities you get when code and asset files are served from remote web addresses. Get it right and you have unlimited options for distributing your apps. This unique book shows you how. Third-Party JavaScript guides you through the ins and outs of building full-featured third-party JavaScript applications. You'll learn techniques for developing widgets that collect data for analytics, provide helpful overlays and dialogs, or implement features like chat and commenting. The concepts and examples throughout the book represent the best practices for this emerging field, based on thousands of real-world dev hours and results from millions of users. Written for web developers who know JavaScript, this book requires no prior knowledge of third-party apps. What's Inside Writing

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conflict-free JavaScript, HTML, and CSS Making cross-domain requests from the browser How to overcome third-party cookie limitations Security vulnerabilities of third-party applications Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Authors Ben Vinegar is an engineer at Disqus, a third-party JavaScript commenting platform. Anton Kovalyov is a software engineer at Mozilla. They are third-party applications experts whose work has been distributed on millions of websites Table of Contents Introduction to third-party JavaScript Distributing and loading your application Rendering HTML and CSS Communicating with the server Cross-domain iframe messaging Authentication and sessions Security Developing a third-party JavaScript SDK Performance Debugging and testing If you are a web developer working with geospatial concepts and mapping APIs, and you want to learn Leaflet to create mapping solutions, this book is for you. You need to have a basic knowledge of working with JavaScript and performing web application development.

SAPUI5 has quickly become the open-source programming language with the best options for responsive and versatile SAP app development. So how well do you speak SAPUI5, and what can you do with it? This book can help you learn to develop next-generation UIs for mobile-ready, data source-

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agnostic, client-side SAP applications.

Portable, powerful, and a breeze to use, Python is the popular open source object-oriented programming language used for both standalone programs and scripting applications. It is now being used by an increasing number of major organizations, including NASA and Google. Updated for Python 2.4, *The Python Cookbook, 2nd Edition* offers a wealth of useful code for all Python programmers, not just advanced practitioners. Like its predecessor, the new edition provides solutions to problems that Python programmers face everyday. It now includes over 200 recipes that range from simple tasks, such as working with dictionaries and list comprehensions, to complex tasks, such as monitoring a network and building a templating system. This revised version also includes new chapters on topics such as time, money, and metaprogramming. Here's a list of additional topics covered:

- Manipulating text
- Searching and sorting
- Working with files and the filesystem
- Object-oriented programming
- Dealing with threads and processes
- System administration
- Interacting with databases
- Creating user interfaces
- Network and web programming
- Processing XML
- Distributed programming
- Debugging and testing

Another advantage of *The Python Cookbook, 2nd Edition* is its trio of authors--three well-known Python programming experts, who are highly visible on

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email lists and in newsgroups, and speak often at Python conferences. With scores of practical examples and pertinent background information, *The Python Cookbook, 2nd Edition* is the one source you need if you're looking to build efficient, flexible, scalable, and well-integrated systems.

Learn how to build dynamic web applications with Express, a key component of the Node/JavaScript development stack. In this hands-on guide, author Ethan Brown teaches you the fundamentals through the development of a fictional application that exposes a public website and a RESTful API. You'll also learn web architecture best practices to help you build single-page, multi-page, and hybrid web apps with Express. Express strikes a balance between a robust framework and no framework at all, allowing you a free hand in your architecture choices. With this book, frontend and backend engineers familiar with JavaScript will discover new ways of looking at web development. Create webpage templating system for rendering dynamic data Dive into request and response objects, middleware, and URL routing Simulate a production environment for testing and development Focus on persistence with document databases, particularly MongoDB Make your resources available to other programs with RESTful APIs Build secure apps with authentication, authorization, and HTTPS Integrate with social media, geolocation, and other third-party

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services Implement a plan for launching and maintaining your app Learn critical debugging skills This book covers Express 4.0.

SAPUI5 / OpenUI5 is the top trend in the SAP Technical marketplace and almost all the major projects now require this skill-set. The development with SAP UI5 / Open UI5 involves new and cutting edge technologies, responsible for bringing a lot of aspects related to web app development, which makes it difficult to learn. This book is the final result of months of preparation and planning to compile all the details in making the learning process easy, complete and fast. What are benefits of this book: If you want to learn SAPUI5 / Open UI5 then this book will be for you: it comes with rich content that takes you from writing a simple "Hello World" app to building your own responsive SAP UI5 complex app. The majority of the content is hands-on, which involves a lot of challenges and exercises and makes the book interesting and engaging. The book covers not only individual topics but also describes real world scenarios where the concepts are used. It shares SAPUI5 best practices of implementing a concept to a real SAP global project. The examples were carefully selected to make the book fun and interesting to learn. The development scenarios include simulating common mistakes that UI5 developers frequently make, so they can learn exactly how to fix fast. The book gives importance to all aspects of SAPUI5 / OpenUI5 development, may it be wire-framing, design and analysis, development or styling and theming. And finally, it shares information about lots of tools and plugins, which will boost the developers'

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productivity and efficiency. /li>

- Find everything you need to know in this comprehensive guide to creating forms in SAP• Learn how to solve real-life problems that occur when working with interactive forms• Expand your knowledge with new information on ABAP Offline Infrastructure, XDC Editor, JobProfiles Editor, parallelization of print jobs, and much moreIf you've ever had any questions about working with SAP's interactive forms, this book will be a valuable addition to your library. Whether you are a beginning or advanced technical consultant, developer, or form designer, you will learn everything you need to know about working with SAP Interactive Forms by Adobe. The book offers a comprehensive discussion of the topic, explaining what interactive forms are, how they are created and used, and how to solve common problems associated with them. This expanded second edition is updated for SAP NetWeaver 7.20, and includes new coverage of ABAP Offline Infrastructure, XDC Editor, JobProfiles Editor, parallelization of print jobs, and more. This book offers a comprehensive guide to implementing SAP and HANA on private, public and hybrid clouds. Cloud computing has transformed the way organizations run their IT infrastructures: the shift from legacy monolithic mainframes and UNIX platforms to cloud based infrastructures offering ubiquitous access to critical information, elastic provisioning and drastic cost savings has made cloud an essential part of every organization's business strategy. Cloud based services have evolved from simple file sharing, email and messaging utilities in the past, to the current situation,

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where their improved technical capabilities and SLAs make running mission-critical applications such as SAP possible. However, IT professionals must take due care when deploying SAP in a public, private or hybrid cloud environment. As a foundation for core business operations, SAP cloud deployments must satisfy stringent requirements concerning their performance, scale and security, while delivering measurable improvements in IT efficiency and cost savings. The 2nd edition of “SAP on the Cloud” continues the work of its successful predecessor released in 2013, providing updated guidance for deploying SAP in public, private and hybrid clouds. To do so, it discusses the technical requirements and considerations necessary for IT professionals to successfully implement SAP software in a cloud environment, including best-practice architectures for IaaS, PaaS and SaaS deployments. The section on SAP’s in-memory database HANA has been significantly extended to cover Suite on HANA (SoH) and the different incarnations of HANA Enterprise Cloud (HEC) and Tailored Datacenter Integration (TDI). As cyber threats are a significant concern, it also explores appropriate security models for defending SAP cloud deployments against modern and sophisticated attacks. The reader will gain the insights needed to understand the respective benefits and drawbacks of various deployment models and how SAP on the cloud can be used to deliver IT efficiency and cost-savings in a secure and agile manner.

Streamline and personalize the business process screens your users see every day with SAP Screen

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Personas! In this book, you'll get step-by-step instructions for using templates and adaptive design to edit screens and merge tabs. For advanced requirements, learn how to use the scripting engine to combine transactions on one screen, automate keystrokes, hide pop-up windows, and more! With an example scenario and information on deployment options, you'll be cleaning up your UI in no time! Take your SAP ABAP skills to the next level by mastering ABAP programming techniques with the help of real-world examples Key Features Become adept at building interfaces and explore ABAP tools and techniques Discover the modern functionalities available in the latest version of ABAP Learn the process of creating stunning HTML5 applications using SAPUI5

Book Description Advanced Business Application Programming (ABAP) is an established and complex programming language in the IT industry. This book is designed to help you use the latest ABAP techniques and apply legacy constructions using practical examples. You'll start with a quick refresher on language and database concepts, followed by agile techniques for adding custom code to a modern ABAP system. After this, you will get up to speed with the complete ABAP toolset for importing data to and from different environments. Next, you'll learn how to print forms and work with the different ABAP tools for Extensible Markup Language (XML) manipulation. While covering further chapters, you'll gain insights into building stunning UI5 interfaces, in addition to learning how to develop simple apps using the Business Object Processing Framework

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(BOPF). You will also pick up the technique of handling exceptions and performing testing in ABAP. In the concluding chapters, you can look forward to grasping various techniques for optimizing the performance of programs using a variety of performance analysis tools. By the end of this book, you will have the expertise you need to confidently build maintainable programs in Systems, Applications, and Products (SAP). What you will learn

- Create stable and error-free ABAP programs
- Leverage new ABAP concepts including object-oriented programming(OOP) and Model-View-Controller (MVC)
- Learn to add custom code to your existing SAP program
- Speed up your ABAP programs by spotting bottlenecks
- Understand techniques such as performance tuning and optimization
- Develop modern and beautiful user interfaces (UIs) in an ABAP environment
- Build multiple classes with any nesting level

Who this book is for This book is for developers who want to learn and use ABAP skills to become an industry expert. Familiarity with object-oriented programming concepts is expected. 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

Since Mathew, a SAP mobility expert working for an MNC in

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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

We all know that one size doesn't really fit all. As a developer or consultant, you know that in a similar way, the SAP standard doesn't always fit a business the way you need it to. This book teaches you when to develop custom enhancements, how to decide which custom enhancements are appropriate for specific situations, and more.

The Ultimate SAP ® User Guide is the essential handbook for all aspiring SAP professionals. SAP master and experienced author Rehan Zaidi has put out an easy-to-follow, illustrated guide that will help you take your SAP skills to the next level. At a time when SAP jobs are competitive, it's important to exceed expectations. This book will help you to do just that - with up-to-date content on the latest ERP 6.0 screens across modules. Whether you need help getting started on SAP, personalizing your SAP system, or creating your own reports, this book will guide you. Polished by a review panel of SAP experts,

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The Ultimate SAP User Guide is an affordable alternative to costly training. You can use the book as step-by-step training, or simply use it as a reference when your job calls for a new task or SAP skills. With The Ultimate SAP User Guide, you are on the way to SAP mastery.

Tailor your SAP S/4HANA system to your business needs with SAP Cloud Platform and the SAP S/4HANA Cloud SDK. In this comprehensive guide to side-by-side extensibility, you'll learn to build, secure, and maintain applications that extend the functional scope and reach of SAP S/4HANA. Once the apps are up and running, integrate them with SAP S/4HANA and customize them further with in-app extensions. Optimize SAP S/4HANA for your business!--

Learn ES6 best practices for code optimization and organization and walk through practical, common examples of how to implement complete components of your applications. While this book covers the basic concepts of modern JavaScript, it primarily focuses on the new syntax, data-types, functionalities, and everything else that's new in ES6, the latest standard of JavaScript. You'll examine how to use ES6 in functional programming and explore the new more modular and object-oriented approach to JavaScript. This book will help you sharpen and upgrade your JavaScript language skills so you to easily explore modern ES6 based frameworks or libraries such as ReactJS, ReactNative, Angular4 and Vue.js. ES6 for Humans is a complete guide to writing ES6 and will enable you to start taking advantage of this exciting new version of JavaScript. What You'll Learn Use all the new features added to

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JavaScript Compare ES5 and ES6 in varied situations
Refresh your core JavaScript fundamentals Understand the modular and object-oriented approach to JavaScript
Who this Book Is For Any Javascript developer who wants to fully understand and dive into the new features of ES6/ES2015. Developers with some background in programming, preferably in JavaScript. A basic understanding of coding concepts and exposure to object-oriented programming is expected.

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

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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.

If you are a developer with a good command and knowledge of creating dashboards, but are not yet an advanced user of SAP BusinessObjects Dashboards, then this is the perfect book for you. Prerequisites include a good working knowledge of Microsoft Excel as well as knowledge of basic dashboard practices.

"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.

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Your best apps are yet to come"--

This book is for both developer and decision makers of R/3 implementation teams who need to understand in-depth and practically the benefits, financial risks and technical backgrounds of IDocs and ALE in interface development. It describes the implementation of interfaces in an R/3 roll-out, important technologies such as RFC, OLE and Workflow and common standards like EDIFACT, ANSI X.12 or XML. A large number of recipes deliver templates as a starting point for own enhancements. It is for everybody who depends on fast and cost-effective solutions for EDI and it also discusses why many EDI projects are ten times as expensive as they could be. Preparing the reader with the essential knowledge to survive the outrageously fast growing world of data communication and ecommerce via internet and intranet, the book shows in a distilled manner how enterprises using R/3 can efficiently implement Electronic Data Interchange (EDI) both with external partner and with inhouse satellite systems. This book in the tradition of IT-cookbooks, where the reader will find quick recipes and reliable information to cover all aspects of SAP Interfacing and quickly became a standard work for the R/3 world.

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

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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

Learn to build cloud applications from the ground up using SAP Cloud Platform. Explore the Neo and Cloud Foundry development environments; pick your backend language from a selection including Java, Node.js, and ABAP; and create a frontend with SAPUI5 and SAP Fiori, and more. Once your app is ready to run, secure, test, and monitor it before delivery and implementation. Then find out how to integrate essential SAP Cloud Platform services like the SAP Leonardo toolset. Take your apps to the next level

- a. Application Development Learn the ins and outs of application development, from Java, Node.js, Python, SAP HANA XS, SAP HANA XSA,

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and ABAP in the backend. For the frontend, explore SAPUI5, SAP Fiori, and SAP Web IDE. b. Lifecycle Management Secure and monitor applications, set up a continuous delivery and continuous integration pipeline, and implement DevOps best practices. c. Microservices Integrate your applications with SAP Cloud Platform microservices like Internet of Things 4.0, machine learning, and blockchain from the SAP Leonardo toolset. 1) SAP Cloud Platform 2) Neo Environment 3) Cloud Foundry 4) Microservices 5) Frontend and backend development 6) Application lifecycle management 7) SAP Leonardo 8) Java 9) SAPUI5 10) CI/CD 11) DevOps

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

A guide to ActionScript programming covers such topics as conditionals and loops, functions, datatypes, interfaces, event handling, namespaces, XML, Flash, programmic animation, and bitmap programming.

This book offers a comprehensive practical guide to SAP ABAP for ABAP professionals. Part I of this two-part series

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lays the groundwork with ABAP basics. Readers will learn fundamental methods and procedures for everyday ABAP use— for example, how to download files from SAP directories to workstations. Dive into the SAP Data Dictionary and how it works. Get detailed information on effective debugging techniques and how to use the SAP Debugger. Clarify when it is best to use standard SAP tables vs. Z-tables. Get expert developer tips and tricks including how to navigate ALV grid lists. Understand the documentation programs available to you and how to use them. Obtain useful reference lists of SAP transactions and SAP database tables. By using practical examples, tips, and screenshots, the author brings readers up to speed on the fundamentals of SAP ABAP. -

How to get the most out of SAP ABAP - Guide for understanding and using the SAP Data Dictionary - Beginner and advanced debugging techniques - Expert ABAP development techniques

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

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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

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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.

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

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students learning ABAP and JavaScript

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.

- a. 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.
- b. 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.
- c. 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

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

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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

Getting ready to take your ABAP C_TAW12_740 certification exam? Find everything you need to ace the 7.4 test in this SAP-endorsed resource! Practice makes perfect, and you'll have practice aplenty with sample questions and answers on every topic covered on the exam. In addition, you can revisit key terminology and learn exactly what to expect from the test. Soothe your pre-exam jitters and make the grade!

A guide to SAP R/3 programming covers such topics as data modeling, systems architecture, and systems installation.

- * 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

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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.

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