

Sap Gateway And Odata 2nd Edition Sap Press

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SAP System Security Guide - Joe

Markgraf 2018-07-26

Aron 2021

"SAP's integration technologies are now combined-but what is the SAP

SAP Integration Suite - Christopher

Integration Suite, and how do you use

it to manage an integrated enterprise landscape? In this book, get the answers to these questions and more as you take a tour of the new suite. Then get step-by-step instructions for using key capabilities such as pre-packaged integrations, open APIs, integration scenarios, the integration advisor, and more. Master the complete integration suite!"--
Practical Data Science with SAP -
Greg Foss 2019-09-18

Learn how to fuse today's data science tools and techniques with your SAP enterprise resource planning (ERP) system. With this practical guide, SAP veterans Greg Foss and Paul Modderman demonstrate how to use several data analysis tools to solve interesting problems with your SAP data. Data engineers and scientists will explore ways to add SAP data to

their analysis processes, while SAP business analysts will learn practical methods for answering questions about the business. By focusing on grounded explanations of both SAP processes and data science tools, this book gives data scientists and business analysts powerful methods for discovering deep data truths. You'll explore: Examples of how data analysis can help you solve several SAP challenges Natural language processing for unlocking the secrets in text Data science techniques for data clustering and segmentation Methods for detecting anomalies in your SAP data Data visualization techniques for making your data come to life
SAP API Management - Carsten Bönnen 2019
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

Sap Fiori Implementation and Development - Anil Bavaraju 2017

SAP S/4HANA Embedded Analytics - Jürgen Butsmann 2021

Meet your BI needs with SAP S/4HANA

embedded analytics! Explore the system architecture and data model and learn how to perform analytics on live transactional data. Business user? Walk step-by-step through SAP Smart Business KPIs, dashboards, and multidimensional reporting. Analytics specialist? Master the virtual data model and report creation. Jack of all trades? Create CDS views, apply custom fields and logic, and learn to integrate SAP S/4HANA with SAP Analytics Cloud. This is your complete guide to SAP S/4HANA embedded analytics! Highlights include: 1) Architecture 2) Virtual data model (VDM) 3) CDS views 4) SAP Fiori apps 5) SAP Smart Business 6) Key performance indicators (KPIs) 7) Dashboards 8) Reporting 9) Data warehousing 10) SAP Analytics Cloud 11) Machine learning

SAP Fiori Launchpad - Steve Guo
2018-12-28

Beginning SAP Fiori - Bince Mathew
2015-11-28

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

Mastering SAP ABAP - Paweł

Grześkowiak 2019-05-31

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 (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.

Core Data Services for ABAP - Renzo Colle 2021

The definitive CDS resource is back and bigger than ever! Begin with the basics: explore CDS syntax and model types. Then learn to define CDS entities and model SAP S/4HANA application data with step-by-step instructions. You'll develop models for analytical and transactional applications, work with the SAP S/4HANA virtual data model, and get to know the ABAP RESTful application programming model. Round out your knowledge with details on extensibility, testing, and troubleshooting. Get on the cutting edge of data modeling! In this book, you'll learn about:

- a. CDS Data

Modeling Get started with the CDS fundamentals. Model your first CDS view and understand how to work with entity types, associations, annotations, access controls, business services, and more. Explore all-new ABAP functionality and syntax.

- b. ABAP RESTful Application Programming Model Develop application models based on SAP S/4HANA's new ABAP RESTful application programming model. Create behavior definitions, add advanced functions, and implement handlers.
- c. Extending, Testing, and Troubleshooting Customize your applications and ensure they're running smoothly. Extend CDS views with CDS entity extensions, test them with the test double framework, and troubleshoot any issues.

Highlights include:

- 1) Data modeling
- 2) Associations
- 3) Annotations
- 4) Access

controls 5) Business services 6) ABAP RESTful application programming model 7) Virtual data model (VDM) 8) Analytical and transactional applications 9) Hierarchies 10) Extensions 11) Automated testing Troubleshooting

Learning SAP Analytics Cloud - Riaz Ahmed 2017-07-10

Start making better business decisions backed by data About This Book Predict new opportunities and risks in a few mouse clicks Eliminate complexity with tools that let you plan, analyze, and collaborate in context—in real time Discover, visualize, plan, and predict in a single product with agile BI tools Who This Book Is For This book targets IT professionals, business analysts, BI developers, managers, newcomers to SAP Analytics Cloud, and

ultimately anyone who wants to learn from self-paced, professional guidance and needs a solid foundation in SAP Analytics Cloud. What You Will Learn A clear understanding of SAP Analytics Cloud platform Create data models using different data sources, including Excel and text files . Present professional analyses using different types of charts, tables, geo maps, and more Using stories, drill up and down instantly to analyze data from various angles Share completed stories with other team members or compile them in SAP Digital Boardroom agendas for presentation to major stakeholders Export the results of a story to a PDF file Save time by planning, analyzing, predicting, and collaborating in context Discover, visualize, plan, and predict in one

product as opposed to separate solutions In Detail The book starts with the basics of SAP Analytics Cloud (formerly known as SAP BusinessObjects Cloud) and exposes almost every significant feature a beginner needs to master. Packed with illustrations and short, essential, to-the-point descriptions, the book provides a unique learning experience. Your journey of exploration starts with a basic introduction to the SAP Analytics Cloud platform. You will then learn about different segments of the product, such as Models, Stories, Digital Boardroom, and so on. Then, you are introduced to the product's interface: the Home screen, the main menu, and more. Then comes the hands-on aspect of the book, which starts with model creation. Next, you learn

how to utilize a model to prepare different types of stories(reports) with the help of charts, tables, Geo Maps, and more. In the final chapters of this book, you will learn about Digital Boardroom, Collaboration, and Administration. Style and approach The easy-to-follow visual instructions provided in this book help business users and report developers create simple and complex stories (reports) quickly

SAP Performance Optimization Guide - Thomas Schneider 2018-01-28

Practical Workflow for SAP - Jocelyn Dart 2014

One resource. All of your SAP Business Workflow needs. Now there's no need to consult online resources or call your workflow friends--this book is your answer Reorganized and

fine-tuned, the third edition of this guide is packed with information and better than ever. Familiar with some aspects of managing Workflow, but not with others? Pick the sections or chapters that are most relevant to you; focus on the provided conceptual explanations, technical instructions, or both. You'll find important topics such as configuration, administration and troubleshooting, design, and enhancement. If you know the basics, you'll find value in the coverage provided for SAP's changing landscape such as SAPUI5, SAP Fiori, Operational Process Intelligence for SAP HANA, and much more. Highlights: Configuration Work item delivery Agents UWL and POWL Administration UI enhancement ABAP classes Custom programs User interfaces SAP Fiori BRF+ SAP GRC SAP HANA SAP Master Data

Governance

SAP Basis Administration Handbook, NetWeaver Edition - Ranjit Mereddy
2011-11-05

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 Gateway and OData - Carsten Bönner 2016

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

in creating SAP Gateway and OData services. 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, ConfigurationGet started Discover the various deployment options for SAP Gateway, and get step-by-step instructions for installation and configuration. b. SAP Gateway and OData ServicesCreate Walk through the specific tools for and steps in creating SAP Gateway and OData services. Then learn how to extend your existing 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 Service creation and deployment Mobile development Social media development Security Lifecycle management SAPUI5 SAP Web IDE SAP Fiori SAP HANA

Implementing and Configuring SAP MII

- Abesh Bhattacharjee 2009-07-26

This is a must-have, comprehensive guide to SAP Manufacturing Integration and Intelligence (SAP MII) that will teach you how to implement and configure SAP MII to fit your different manufacturing tasks and issues. With this book, you learn how to create composite applications that connect your

business processes with your plant systems. And, once you know how to link your plant systems to generate comprehensive and accurate data, the authors show you how to use SAP MII tools to generate accurate reports and dashboards for analysis and real-time monitoring, leading to a more efficient and effective shop floor. 1 Administrating and Configuring SAP MII Learn to how to set up, configure, and use the various components in SAP MII to help you develop general data reports for manufacturing integration and analytics. 2 Developing MII Composite Applications Explore the SAP MII Workbench to develop content and create different types of data queries, business logic, and visualizations to manage and view plant data. 3 Managing Plant Floor Integration Get an in-depth look at

the integration aspects of SAP MII, including how to connect to manufacturing plant floor systems using data servers, and how to synchronize the plant floor with other parts of the enterprise. 4
Implementing SAP MII Composite Applications Find out about the different implementation scenarios, including the solution architectures and best practices to follow for developing and implementing SAP MII. 5
Tips and Tricks Throughout Discover the insider information you need for developing SAP MII composite applications through its model-based interface.

SAPUI5 - Paul Modderman 2020
"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"--

SAP Activate - Sven Denecken 2020
SAP S/4HANA is here, and the stakes are high. Get your project right with this guide to SAP Activate!

Understand the road ahead: What are the phases of SAP Activate? Which activities happen when? Start by setting up a working system, then walk through guided configuration, and learn how to deploy SAP S/4HANA in your landscape: on-premise, cloud, or hybrid. Take advantage of SAP Activate's agile methodology, and get the guidance you need for a smooth

and successful go-live! In this book, you'll learn about:

- a. Foundations Get up to speed with SAP Activate. Learn about key concepts like fit-to-standard and fit/gap analysis, understand the methodology, and walk through the key phases of project management.
- b. Tools and Technologies Open up your SAP Activate toolkit. See how to access SAP Activate content with SAP Best Practices Explorer, SAP Solution Manager, and more. Then, use SAP Best Practices and SAP Model Company to set up a working system for your workshops.
- c. Deployment Deploy SAP S/4HANA, step by step. Follow detailed instructions to plan, prepare for, and execute your on-premise or cloud deployment activities according to SAP Activate. Walk through key scenarios for a hybrid implementation of SAP S/4HANA

in your landscape. Highlights Include: 1) Deployment 2) Guided configuration 3) Agile project delivery 4) SAP Best Practices 5) SAP Model Company 6) Organizational change management 7) SAP S/4HANA 8) SAP S/4HANA Cloud 9) Hybrid landscapes 10) C_ACTIVATE05 certification

SAP Fiori Certification Guide -

Krishna Kishor Kammaje 2018

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

Implementing SAP HANA - Jonathan Haun 2013

Implement SAP HANA as a standalone data warehouse Integrate SAP Data Services and the SAP BusinessObjects BI tools with SAP HANA Benefit from step-by-step instructions, technical

details, and downloadable data for every step In the new SAP HANA era, processes that once took weeks now take days, hours, or even minutes. Truly take advantage of this bold jump forward with this resource for a standalone SAP HANA implementation. Master data loading with SAP Data Services, data modeling in SAP HANA, and then SAP HANA integration with SAP BusinessObjects BI for reporting and analytics. From general concepts to specific implementation steps and a real-world case study, this book offers the practical details about implementing SAP HANA that will shift your system into high gear. Data Storage See how SAP HANA has fundamentally changed data storage with column store tables that improve compression and, consequently, performance. SAP Data Services Avoid

fast trash. Preprovision your data using source system analysis, profiling tools, and mapping to load high-quality data into SAP HANA.SAP HANA Studio Dive into SAP HANA-specific data modelling components like the attribute, analytic, and calculation views that produce quality multidimensional models. Connecting SAP HANA with BI Deliver sophisticated data visualization and analysis by integrating SAP BusinessObjects Design Studio, SAP Lumira, SAP Predictive Analysis, and more with SAP HANA. Hands-On Case Study Take SAP HANA for a test drive. Download the data for the fictitious AdventureWorks Cycle Company s implementation and follow along every step of the way. Highlights Source system analysis SAP Data Services Analytic, attribute, and calculation

views SAP HANA Studio Columnar
database technology Denormalization
Information Design Tool SAP
Information Steward SAP Predictive
Analysis SAP BusinessObjects BI
toolset SAP Lumira

SAP Cloud Platform - Gairik Acharya
2018-12-28

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, 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

OData and SAP NetWeaver Gateway -
Carsten Bönner 2014
Facebook uses OData, Netflix uses OData--and now, with SAP NetWeaver Gateway, so does SAP. In this comprehensive guide, learn everything you need to know about how to use Gateway to make SAP system data accessible from any device, platform, or environment. Familiarize yourself with the concepts of OData and REST, get step-by-step instructions on developing services, and learn how to administer a Gateway system.
Highlights: - OData and REST concepts
- Gateway installation and deployment
- Mobile development - HTML5 development - Social media development - Enterprise application development - Gateway operations - Gateway security
Getting Started with SAPUI5 -

Miroslav Antolovic 2014
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? Learn to develop next-generation UIs for mobile-ready, data source-agnostic, client-side SAP applications. First review basic HTML5 and CSS3, JavaScript, and jQuery concepts as a foundation for working with SAPUI5, and then explore the development and runtime environments, tools, and controls that you'll use throughout the design process. Use step-by-step instructions, sample code listings, and a full-scale model application to develop and customize your own apps with advanced functionality from the SAP system. The future of app

development has arrived--make sure you can speak its language. 1. Basic Concepts Learn the standards of SAPUI5--HTML5, CSS3, JavaScript, and the jQuery library--so you don't have to reinvent the wheel every time 2. SAPUI5 Runtime Environment Use bootstrapping, data binding, and theming elements to ensure that your applications run smoothly on operating systems and that the software modules can be reused. 3. SAPUI5 in SAP HANA Develop your own application on the XS Engine in SAP HANA. Then construct a calculation view and use it as an OData service. 4. UI Components and Controls Implement the SAPUI5 controls and elements you've learned in a detailed employee portal example. 5. Mobile Development Explore the mobile capabilities of SAPUI5 and SAP Fiori

by developing your own cross-platform Hybrid Web Container applications for multiple devices. Highlights: HTML5 and CSS3 JavaScript and jQuery SAP Gateway and OData SAPUI5 IDE SAPUI5 libraries Model, view, and layout types Application architecture SAPUI5 file optimization Model-view-controller paradigm Customization SAP HANA views SAPUI5 for mobile devices Eclipse

SAP Process Orchestration - John Mutumba Bilay 2015

Are you ready for the next generation of SAP Process Integration? Meet SAP Process Orchestration! This is your complete guide to the tools and components of SAP PO. Learn how to build and configure interfaces, and then use SAP BPM to manage your business processes. Thanks to both a practical and comprehensive approach,

you'll find out how to configure the System Landscape Directory, create an iFlow, monitor message processing, create BPM processes, and so much more. Advanced Adapter Engine Extended (AEX) Learn how to configure and work with the System Landscape Directory, Enterprise Service Repository, the Integration Directory, and message processing. SAP Business Process Management Here's your guide to everything SAP BPM: perform administration tasks, learn how to automate business processes, and build human-centric and system-centric processes from scratch. Migration If you haven't switched from SAP Process Integration to SAP Process Orchestration, chances are you will soon. Get ahead by learning what changes are coming, and benefit from practical information about

migrating business processes. Highlights: Administration and development tools System Landscape Directory Enterprise Service Repository Integration Directory iFlow Advanced Adapter Engine Extended (AEX) Business Process Model and Notation (BPMN) SAP Business Rule Management Java proxies Monitor business processes [SAP Cloud Platform Integration](#) - John Mutumba Bilay 2020 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

ABAP Development for SAP HANA - Hermann Gahm 2016

See how SAP HANA has changed ABAP Whether you're studying for certification or just want to see what's new, you can learn to design simple and advanced SAP HANA applications with ABAP by using this comprehensive guide. Learn to enable code pushdown, use new Open SQL

enhancements and CDS views, and integrate native SAP HANA objects. Use detailed programming examples to develop database procedures and optimize your applications. You'll be programming for SAP HANA in no time

Basic Principles Explore essential SAP HANA principles like in-memory technology and architecture, the SAP Web IDE, and AS ABAP database programming. Advanced Techniques Learn to use tools like InfoProviders, EasyQuery Interface, and the Application Function Modeler for SAP HANA. Discover how to integrate geographical data from SAP HANA in ABAP programs. Optimizing Existing Applications Get step-by-step instructions to help you optimize existing ABAP applications, and learn how to speed up applications with SAP HANA.

Highlights: Code pushdown SAP Web IDE Eclipse CDS views SQLScript Native SAP HANA object integration Open SQL enhancements Geo-information Text searches Error analysis

ABAP Objects - Thorsten Franz 2009

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.

SAP Project Management Pitfalls - Jayaraman Kalaimani 2015-12-30
Master the SAP product ecosystem, the client environment, and the feasibility of implementing critical business process with the required technical and functional

configuration. SAP Project Management Pitfalls is the first book to provide you with real examples of the pitfalls that you can avoid, providing you with a road-map to a successful implementation. Jay Kay, a SAP Program Manager for Capgemini, first takes a deep dive into common pitfalls in implementing SAP ERP projects in a complex IT landscape. You will learn about the potential causes of failures, study a selection of relevant project implementation case studies in the area, and see a range of possible countermeasures. Jay Kay also provides background on each - the significance of each implementation area, its relevance to a service company that implements SAP projects, and the current state of research. Key highlights of the book: Tools and techniques for project

planning and templates for allocating resources Industry standards and innovations in SAP implementation projects in the form of standard solutions aimed at successful implementation Managing SAP system ECC upgrades, EHP updates and project patches Learn effective ways to implement robust SAP release management practices (change management, BAU) Wearing a practitioner's insight, Jay Kay explores the relevance of each failed implementation scenario and how to support your company or clients to succeed in a SAP implementation. There are many considerations when implementing SAP, but as you will learn, knowledge, insight, and effective tools to mitigate risks can take you to a successful implementation project.

SAP ABAP Advanced Cookbook - Rehan Zaidi 2012-01-01

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.

ABAP RESTful Programming Model - Stefan Haas 2019

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.

From IT Pro to Cloud Pro Microsoft Office 365 and SharePoint Online - Ben Curry 2016-10-17

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Modernize your IT skills for the new world of cloud computing! Whether you are an IT

administrator, developer, or architect, cloud technologies are transforming your role. This guide brings together the knowledge you need to transition smoothly to Microsoft Office 365 cloud-only and hybrid environments. Microsoft MVP Ben Curry and leading cloud architect Brian Laws present specific, up-to-date guidance on administering key cloud technologies, including Microsoft Office 365, SharePoint Online, Azure AD, and OneDrive for Business. Microsoft cloud technology experts Ben Curry and Brian Laws show you how to: Anticipate and respond to the ways cloud technologies change your responsibilities, such as scripting key management tasks via Windows PowerShell Understand today's new mix of essential "Cloud Pro" skills related to infrastructure,

scripting, security, and networking Master modern cloud administration for Office 365 cloud and hybrid environments to deliver content and services, any time, on any device, from anywhere, and across organizational boundaries Administer and configure SharePoint Online, including services, site collections, and hybrid features Help secure client devices via Mobile Device Management for Office 365 Centrally manage user profiles, groups, apps, and social features Bridge Office 365 and on-premises environments to share identities and data Enforce governance, security, and compliance [ABAP to the Future](#) - Paul Hardy 2021 ABAP to the Future is back, and better than ever! Looking for the latest in ABAP syntax? The code examples are fully rewritten. Need to

start working in the cloud with the ABAP RESTful application programming model? We've got you covered. Got a new IDE like SAP Business Application Studio? We'll show you the ins and outs of your environment. From abapGit and ABAP2XLSX to SAPUI5 and Web Dynpro ABAP, this new edition has everything you need to be on the cutting edge!

Inventory Management with SAP S/4HANA

- Bernd Roedel 2019-09-26

Jump-start your inventory operations in SAP S/4HANA! Review basic inventory practices and consult step-by-step instructions to configure SAP S/4HANA for your organization's requirements. Then put the system to work! Run the SAP Fiori applications that guide your core inventory workflows: inventory planning, goods receipt, core inventory, production

planning, and inventory analysis. This hands-on guide to inventory has the details you need! In this book, you'll learn about: a. Inventory Planning Set up a successful inventory management system. Understand how to implement key planning strategies like make-to-order, make-to-stock, MRP Live, and Kanban in your SAP S/4HANA system. b. Inventory Execution Ensure your system runs smoothly. Tap into the potential of SAP Fiori applications and execute core inventory processes such as exception handling, physical inventory, transfers, and more. c. Inventory Analysis Make the most of your inventory analytics tools. See what's offered with SAP S/4HANA, such as real-time data and role-based design; then dive in to CDS views, KPI monitoring, custom queries, and

more. Highlights Include: 1) Inventory optimization 2) Inventory planning 3) Goods receipt 4) Core inventory 5) Production planning 6) Inventory analysis 7) Configuration 8) Deployment 9) SAP Fiori applications

ABAP in the Cloud - Gairik Acharya 2021

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

Migrating to SAP S/4HANA - Frank Densborn 2017

IBM Software for SAP Solutions - Yaro Dunchych 2015-09-29

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.

Integrating IBM Security and SAP Solutions - Axel Buecker 2012-03-19

Many large and medium-sized organizations have made strategic investments in the SAP NetWeaver technology platform as their primary application platform. In fact, SAP software is used to manage many core business processes and data. As a result, it is critical for all

organizations to manage the life cycle of user access to the SAP applications while adhering to security and risk compliance requirements. In this IBM® Redbooks® publication, we discuss the integration points into SAP solutions that are supported by the IBM Security access and identity management product capabilities. IBM Security software offers a range of identity management (IdM) adapters and access management components for SAP solutions that are available with IBM Tivoli® Identity Manager, IBM Tivoli Directory Integrator, IBM Tivoli Directory Server, IBM Access Manager for e-business, IBM Tivoli Access Manager for Enterprise Single Sign-On, and IBM Tivoli Federated Identity Manager. This book is a valuable resource for security

officers, consultants, administrators, and architects who want to understand and implement an identity management solution for an SAP environment.

S-BPM in the Wild - Albert Fleischmann 2015-05-27

This is the first book to present field studies on the application of subject-oriented business process management (S-BPM). Each case presents a specific story and focuses on an essential modeling or implementation issue, and most end with implications or suggestions for further studies. Significant variables and success factors are identified that were discovered during the respective study and lead to suggesting S-BPM novelties. For each case, the authors explain step-by-step how the story develops, and

provide readers guidance by detailing the respective rationale. The studies covered are clustered according to three main S-BPM themes: Part I "Business Operation Support" documents approaches to the practical development of S-BPM solutions in various application domains and organizational settings, while Part II "Consultancy and Education Support" highlights cases that can help to train readers in S-BPM modeling and knowledge acquisition for S-BPM lifecycle iterations. It also refers to architecting S-BPM solutions for application cases based on hands-on experience. Part III "Technical Execution Support" focuses on concepts for utilizing specific theories and technologies to execute S-BPM models. It also addresses how to create reference models for

certain settings in the field. Lastly, the appendix covers all relevant aspects needed to grasp S-BPM modeling and apply it based on fundamental examples. Its format reconciles semantic precision with syntactic rigor.>Addressing the needs of developers, educators and practitioners, this book will help companies to learn from the experiences of first-time users and to develop systems that fit their business processes, explaining the latest key methodological and technological S-BPM developments in the fields of training, research and application.

Beginning PowerApps - Tim Leung

2017-11-27

Build mobile apps that specifically target your company's unique business needs, with the same ease of writing

a simple spreadsheet! With this book, you will build business apps designed to work with your company's systems and databases, without having to enlist the expertise of costly, professionally trained software developers. In *Beginning PowerApps*, author and business applications expert Tim Leung guides you step-by-step through the process of building your own mobile app. He assumes no technical background, although if you have worked with Excel, you are one step closer. He guides you through scenarios, such as what to do if you have existing databases with complex data structures and how to write screens that can connect to those data. You will come away with an understanding of how to set up screen navigation, manipulate data from within apps, and write solutions to

perform specific tasks. What You'll
Learn Connect with data Write
formulas Visualize your data through
charts Work with global positioning
systems (GPS) Build flows Import and
export data Manage offline scenarios
Develop custom application
programming interfaces (API) Who This
Book Is For Beginners and non-
developers, and assumes no prior
knowledge of PowerApps

SAP S/4HANA - Axel Baumgartl 2021

"Interested in what SAP S/4HANA has

to offer? Find out with this big-
picture guide! Take a tour of SAP
S/4HANA functionality for your key
lines of business: finance,
manufacturing, supply chain, sales,
and more. Preview SAP S/4HANA's
architecture, and discover your
options for reporting, extensions,
and adoption. With insights into the
latest intelligent technologies, this
is your all-in-one SAP S/4HANA
starting point!"--