

Sap Businessobjects Bi 4 0 The Complete Reference 3 E

Delve into the SAP Data Services environment to efficiently prepare, implement, and develop ETL processes About This Book Install and configure the SAP Data Services environment Develop ETL techniques in the Data Services environment Implement real-life examples of Data Services uses through step-by-step instructions to perform specific ETL development tasks Who This Book Is For This book is for IT technical engineers who want to get familiar with the EIM solutions provided by SAP for ETL development and data quality management. The book requires familiarity with basic programming concepts and basic knowledge of the SQL language. What You Will Learn Install, configure, and administer the SAP Data Services components Run through the ETL design basics Maximize the performance of your ETL with the advanced patterns in Data Services Extract methods from various databases and systems Get familiar with the transformation methods available in SAP Data Services Load methods into various databases and systems Code with the Data Services scripting language Validate and cleanse your data, applying the Data quality methods of the Information Steward In Detail Want to cost effectively deliver trusted information to all of your crucial business functions? SAP Data Services delivers one enterprise-class solution for data integration, data quality, data profiling, and text data processing. It boosts productivity with a single solution for data quality and data integration. SAP Data Services also enables you to move, improve, govern, and unlock big data. This book will lead you through the SAP Data Services environment to efficiently develop ETL processes. To begin with, you'll learn to install, configure, and prepare the ETL development environment. You will get familiarized with the concepts of developing ETL processes with SAP Data Services. Starting from smallest unit of work- the data flow, the chapters will lead you to the highest organizational unit—the Data Services job, revealing the advanced techniques of ETL design. You will learn to import XML files by creating and implementing real-time jobs. It will then guide you through the ETL development patterns that enable the most effective performance when extracting, transforming, and loading data. You will also find out how to create validation functions and transforms. Finally, the book will show you the benefits of data quality management with the help of another SAP solution—Information Steward. Style and approach This book is an easy-to-follow guide with step-by-step instructions to perform specific ETL development tasks.

SAP BusinessObjects Dashboards is a leading Business Intelligence and reporting tool that provides you with a real-time understanding of your business with agile visualizations. Starting with an introduction to Dashboards and its benefits, the book slowly moves on to explain the dashboard creation process. After this, you will learn how to add charts, single-value components, maps, selectors, and other third-party plugins to the existing dashboards. Furthermore, it shares many best practices and will also help you to connect your dashboard to real data by establishing a data connection to a data source. You can also explore more about mobile BI and learn how to create dashboards for mobile devices. By the end of the book, you will be able to prepare, plan, and design interactive dashboards based on your business requirements using this cutting-edge BI tool.

SAP BusinessObjects BI 4.0 The Complete Reference 3/EMcGraw Hill Professional

A guide to SAP BusinessObjects Web Intelligence that can sharpen your data presentations. From creating a report, to displaying data via charts, to sharing reports with others, it covers everything from the basics to the actionable details that inform your work. It also includes expanded coverage of new topics like SAP HANA and mobility.

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

As a system administrator, you know that users like to keep you on your toes. Don't worry This guide to BOBJ administration helps you stay one step ahead. From sizing to troubleshooting, it offers you the background you need to administer a system that does what it's supposed to do.

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

Preparing consolidated financial statements for an enterprise with a parent and one or more subsidiaries requires a detailed review of underlying transactions in order to properly reflect results and financial position. For large, integrated, and multinational organizations, likely with millions of transactions, it is imperative that the financial accounting software

facilitate this process. This expertly written guide focuses on leveraging SAP S/4HANA Finance for group reporting. Explore key functionality and how the universal journal has led to the evolution of the group reporting solution. Using a detailed case study, the author discusses configuration and master data and walks the reader through the period-end process for consolidation and explores reports using financial transactions that have already been entered into SAP S/4HANA Finance for group reporting. Explore reports delivered with SAP S/4HANA Finance for group reporting. This book is targeted at both finance professionals and the functional consultants who perform the configuration and execution of processes for preparing consolidated financial statements. By using practical examples, tips, and screenshots, this book covers:

- SAP S/4HANA Finance for group reporting and the universal journal
- Configuration and master data
- Period-end process for consolidation
- Reporting and analysis

A complete step-by-step practical guide to using SAP BusinessObjects Web Intelligence 4.1 for creating queries and reports for data analysis

The SAP BusinessObjects Business Intelligence platform is a powerful reporting and analysis tool. This book is the ideal introduction to the SAP BusinessObjects Business Intelligence platform, introducing you to its data visualization, visual analytics, reporting, and dashboarding capabilities.

Bring your data presentations into focus with this comprehensive guide to SAP BusinessObjects Web Intelligence.

Updated for Webi 4.2, this book will teach you to create, design, and share your reports, while exploring the fundamentals of Webi and its extended capabilities. This fourth edition includes information on data source options for building new documents and queries, and a new HTML5-based viewing interface. Punch up your reporting and analysis!

- a. SAP BI 4.2 SP4 Dive into Web Intelligence 4.2 enhancements and platform improvements, including a new HTML5 user interface, support for geomaps, and access to additional data sources
- b. Webi from A to Z Get the complete picture of working with Web Intelligence, from creation to publication. From the first step to the last, learn how to design reports that make an impact with this comprehensive guide
- c. Web Intelligence Interactive Viewer Discover the HTML5-based Web Intelligence Interactive Viewer and BI launchpad, a fully integrated interface for organizing, viewing, analyzing, and sharing business intelligence content.

This training manual is meant for self-study in SAP® BusinessObjects Web Intelligence. It can also be used as a support for a guided introductory training. The reader will be systematically and successively learn how to use the software based on examples and exercises. Starting with elementary functionalities, he will get an ever-increasing insight into the possibilities of reporting. It does not aim at explaining each and every single menu item, but focuses on the most commonly used range of functions. The chapters each begin with a practical question from everyday reporting, the solution to which is explained by detailed and well-illustrated click-through instructions. Following the click-through instructions, short summaries as well as further in-depth background knowledge are offered, to facilitate the conceptual classification of the topics.

An easy-to-understand guide, covering topics using practical scenarios and live examples, and answering all possible questions. If you are a solution architect, developer, modeler, sales leader, business transformation managers, directors, COO, or CIO; this book is perfect for you. If you are interested in other technologies and want to jump-start into SAP, this book gives you the chance to learn SAP HANA. Basic knowledge of RDBMS concepts enough is to get you started.

Become an expert on SAP BusinessObjects Advanced Analysis for Microsoft Office (formerly known as Pioneer) and be the go-to person when it comes to installing, deploying, and using this software. Explore how Advanced Analysis greatly reduces the need for specialized design work, but allows users to make simple design and UI changes with ease, elegant visualization control, and personalization features. Additionally, this book provides targeted guidance on installation, deployment, and data connectivity. The author helps you familiarize yourself with both basic and advanced usage scenarios as you learn to customize the software to benefit your business the most. This unique book also delivers a side-by-side comparison of Advanced Analysis Office with SAP BEx Analyzer, which will prove to be invaluable as Advanced Analysis is positioned to replace the BEx tools. An additional section outlines the main topics in the SAP BI roadmap for the Advanced Analysis Office version and the Web version, and also touches upon migration. Whether you are a consultant, IT manager, business analyst, or a key user, you will find this book to be an indispensable companion in your daily work with the software.

* The complete guide to business intelligence with SAP * Learn everything you need to know about data warehousing and reporting with SAP * Covers data modeling, data collection, administration, and more Finally--the entire world of business intelligence in SAP comes in one volume! This comprehensive guide covers the full spectrum of SAP solutions for BI: both SAP NetWeaver 7.3 and SAP BusinessObjects 4.x. In this book, you'll learn everything you need to know regarding data modeling and retrieval, optimal use of reporting tools from SAP (BEx and BusinessObjects), and the essential updates in the new SAP NetWeaver release. BI in the Enterprise Learn how to plan your BI strategy and which special features you should keep in mind for your BI project. Backend Find everything you need to know about essential topics in data warehousing: data modeling, extraction, administration, and authorization. Frontend Explore the entire portfolio of reporting: SAP Business Explorer (BEx), SAP Crystal Reports, SAP BusinessObjects Dashboards, SAP BusinessObjects Web Intelligence, SAP BusinessObjects Explorer, and SAP BusinessObjects Analysis.Consolidation and Planning Discover the most important tools based on SAP NetWeaver BW, such as BW Integrated Planning and the consolidation solution, SEM-BCS. Practical Information Examine the most important administration issues in a way that's both understandable and practical (based on the current releases: SAP NetWeaver BW 7.3 and SAP BusinessObjects 4.x). Highlights

- * BI in the enterprise
- * Data modeling
- * ETL
- * Administration
- * Permissions
- * SAP Business Explorer
- * SAP BusinessObjects Analysis
- * SAP Crystal Reports
- * SAP BusinessObjects Dashboards (formerly Xcelsius)
- * SAP BusinessObjects Web Intelligence
- * SAP BusinessObjects Explorer
- * SAP BusinessObjects BI platform
- * BW integrated planning
- * SAP SEM-BCS

Analysis, edition for Microsoft Office * SAP BusinessObjects Analysis, edition for OLAP * SAP NetWeaver Portal * Security and troubleshooting

Introduce yourself: installation and configuration, the IDE, usage scenarios Acquaint yourself: the design process, components and properties, scripting Advance yourself: design principles, visualization methods, full application examples If SAP business intelligence is your game, SAP BusinessObjects Design Studio is your next challenge. Are you an expert in SAP BusinessObjects Dashboards? A wizard with BEx Web Application Designer? Or maybe you re a newbie to both? Whatever your answer, this book has the information you need to get to the next level. Installation and Configuration You can t paint a picture without the proper supplies. Find the information you need to download the right files, install the right pieces, and configure the right parts. The Application Design Process Although application design is a creative endeavor, there are some general steps you have to follow. From assigning your data sources to testing your application, get the big picture. Components, Properties, and Methods Get a comprehensive description of all the building blocks of Design Studio. Choose your palette, and then make your canvas come alive.End-to-End Application Examples Start with a simple calculator and end with a complex sales dashboard. Follow along with step-by-step instructions and code to build your first complete Design Studio applications. Downloadable Files Let the book's downloadable files serve as your sketchbook use the sample code to start building your own work. Highlights Design Studio vs. Dashboards and BEx WAD Installation and configuration Usage scenarios Data sources Script Editor Layout Editor Content Assistance Components Properties Methods Chart types DuPont analysis application Sales dashboard application If you are a business analyst, BI developer, or an IT professional who wants to learn the A to Z of how to work with Web Intelligence reporting tools and different types of data, then this book is for you. The only thing you need is a basic understanding of what Business Intelligence is and data concepts.

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

SAP Analytics Cloud is overflowing with visualization options. Charts, tables, drilldowns, geomaps--if you can dream it, you can design and build it. Learn how to create a dashboard for any use case, from acquired data dashboards and responsive mobile dashboards to HR dashboards using SAP SuccessFactors data. Follow step-by-step instructions to structure your data, choose the relevant features, and then implement them. Contains custom-designed dashboards for each chapter! Highlights include: 1) Dashboard design 2) Live data connections 3) Acquired data dashboards 4) Planning dashboards 5) Responsive mobile dashboards 6) SAP SuccessFactors dashboards 7) Qualtrics dashboards 8) R visualizations 9) Analytics designer 10) SAP Digital Boardroom

Create a universe on a hypothetical stock trading company that trades for one year. During this year, the company buys and sells stocks, calls companies, and saves daily stock prices. This book teaches you how to build a Basic Universe and create a one-table universe; create a Connection, a Data Foundation, and a Business Layer; develop dimensions and measures that allow for creation of analytical reports; and focus on object creation and behaviour independent of the complexities that additional tables add to a universe. You will also explore Query Filters and Business Filters, and simple filters are introduced. Subqueries in both Query and Business Filters. Ranking Business Filters that return top or bottom values.

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

Over 90 simple and incredibly effective recipes for transforming your business data into exciting dashboards with SAP BusinessObjects Dashboards 4.0 Xcelsius with this book and eBook.

The definitive reference for building actionable business intelligence—completely revised for SAP BusinessObjects BI 4.0. Unleash the full potential of business intelligence with fact-based decisions, aligned to business goals, using reports and dashboards that lead from insight to action. SAP BusinessObjects BI 4.0: The Complete Reference offers completely updated coverage of the latest BI platform. Find out how to work with the new Information Design Tool to create universes that access multiple data sources and SAP BW. See how to translate complex business questions into highly efficient Web Intelligence queries and publish your results to the BI Launchpad. Learn how to create dashboards from data sourced through a universe or spreadsheet. The most important concepts for universe designers, report and dashboard authors, and business analysts are fully explained and illustrated by screenshots, diagrams, and step-by-step instructions. Establish and evolve BI goals Maximize your BI investments by offering the right module to the right user Create robust universes with the Information Design Tool, leveraging multiple data sources, derived tables, aggregate awareness, and parameters Develop a security plan that is scalable and flexible Design Web Intelligence reports from basic to advanced Create sophisticated calculations and advanced formatting to highlight critical business trends Build powerful dashboards to embed in PowerPoint or the BI Launchpad Use Explorer to visually navigate large data sets and uncover patterns

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.

The "HPI Future SOC Lab" is a cooperation of the Hasso-Plattner-Institut (HPI) and industrial partners. Its mission is to enable and promote exchange and interaction between the research community and the industrial partners. The HPI Future SOC Lab provides researchers with free of charge access to a complete infrastructure of state of the art hard- and software. This infrastructure includes components, which might be too expensive for an ordinary research environment, such as servers with up to 64 cores. The offerings address researchers particularly from but not limited to the areas of computer science and business information systems. Main areas of research include cloud computing, parallelization, and In-Memory technologies. This technical report presents results of research projects executed in 2013. Selected projects have presented their results on April 10th and September 24th 2013 at the Future SOC Lab Day events.

* Everything you need to know about the new Information Design Tool and UNX universes * Explore step-by-step universe design, from connecting to different data sources, to creating data foundations, to building business layers * Compare and convert UNV to UNX universes Bend the cosmos to your will! For SAP data and non-SAP data alike, this comprehensive resource spans universe creation to universe publication. Learn to build single- and multisource data foundations and business layers and to convert UNV to UNX using the new Information Design Tool. Using step-by-step instructions and guiding screenshots, explore the important Information Design Tool features and functionalities that will put intelligent design within your grasp. Information Design Tool Explore its interface and find tips to design and manage universes that fit your needs. Not Just Semantics Begin with a conversation on the fundamental role of the semantic layer and then move into the pillars of universe design: the data foundation and the business layer. Connecting to any Data Source and to SAP Systems Connect to any relational data source or OLAP cube with your universe, and make sure you're using the right parameters and access methods to retrieve enterprise data from SAP systems. Publishing and Sharing Universes Learn how to make universes available for consumption by SAP BusinessObjects BI tools and for collaboration with other designers. Comparing the Old with the New Differentiate between universes created with the Universe Design Tool and Information Design Tool, and learn how to convert UNV to UNX. This book is a must read for anyone deploying BusinessObjects. It covers everything from planning your upgrade to the latest release, to best practices in universe design, and powerful report creation that maximizes business insight. This book covers the most frequently used features for the full BI suite, in one comprehensive book. There's in depth coverage of Designer, security via the Central Management Console, InfoView, Web Intelligence, and Desktop Intelligence. It goes beyond step-by-step instructions to cover how and why in a business context. Transition notes are interspersed for version 5 and 6 customers to understand the biggest changes in XI Release 2. If you drive BI requirements in your company or are a data warehouse program manager, Business Objects administrator, report author or consumer, this book is for you.

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