

## Sap Screen Personas Configuration Guide

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

Oracle Database 12c running on Linux is available for deployment on IBM® LinuxONE. The enterprise-grade Linux on LinuxONE solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how Oracle Database benefits from LinuxONE. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. Additionally, we discuss encryption for Oracle using Oracle Transparent Data Encryption (TDE) on Oracle 12c Release 2. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

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:

- 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.
- 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.
- 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

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

- Technology** Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements.
- Tools** Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration.
- Key Roles** Understand how to use SAP HANA as a developer, administrator, data scientist, data center architect, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more. Highlights include: 1) Architecture 2) Administration 3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center

SAP master data governance - overview -- Data modeling -- Overview -- Data migration

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

This handbook is a guide for researchers in plurilingual education. It introduces notions of collaborative research, action-research, ethnography, conversation analysis and mediated discourse analysis. It also discusses ethics, how to collect and organize plurilingual and multimodal corpora, and write up research papers. Aquest manual és una guia per a la recerca en educació plurilingüe. S'hi introdueixen conceptes de recerca col·laborativa, recerca-acció, etnografia, anàlisi de la conversa i anàlisi del discurs mediat. També s'hi discuteixen qüestions d'ètica, maneres de recopilar i organitzar corpus plurilingües i multimodals, i d'escriure textos de recerca. Este manual es una guía para la investigación en educación plurilingüe. Se introducen conceptos de investigación colaborativa, investigación-acción, etnografía, análisis de la conversación y análisis del discurso mediado. También se discuten cuestiones de ética, maneras de recopilar y organizar corpus plurilingües y multimodales, y de redactar textos de investigación.

Your company is now on SAP S/4HANA--so how do you run your plant maintenance operations on this new system? Between these pages, you'll find the detailed, step-by-step instructions you need for your routine (and non-routine) functions. Ample screenshots walk you through scheduling repairs, planning maintenance cycles, completing inspections, and all the tasks you perform to keep your assets in shape. With information on new UIs and mobile apps, this guide is the only one you need! Highlights include: 1) Asset management 2) Organizational structures 3) Work orders 4) Notifications 5) Preventive maintenance 6) Repairs 7) Inter-department integration 8) Plant maintenance controlling 9) User interfaces 10) Mobile apps

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

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.

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

Preparing for your SAP Activate project management exam? Make the grade with this certification study guide to C\_ACTIVATE12! From agile project planning and delivery to new implementations and system conversions, this guide will review the technical and functional knowledge you need to pass with flying colors. Explore test methodology, key concepts for each topic area, and practice questions and answers. Your path to SAP Activate certification begins here! In this book, you'll learn about: a. The Test Know what to expect on exam day so you can take your test with confidence. This guide follows the exact structure of the exam, so align your study of SAP Activate with the test objectives and walk through topics covered in C\_ACTIVATE12. b. Core Content Review major subject areas like SAP Activate elements, workstreams, new implementation, and system conversion. Then master important terminology and key takeaways for each subject. c. Q&A After reviewing each chapter, solidify your knowledge with questions and answers for each section and improve your test-taking skills. Highlights include: Explain the important product characteristics in list form. 1) Exam C\_ACTIVATE12 2) SAP Activate methodology 3) SAP Best Practices 4) Agile project planning and delivery 5) Workstreams 6) New implementation 7) System conversion 8) Selective data transition 9) SAP S/4HANA (on-premise) 10) SAP S/4HANA Cloud, essentials edition 11) SAP S/4HANA Cloud, extended edition Helps you smooth out the bumps in your employee tracking and project monitoring

processes. This title explores the different core functions of CATS, such as approval and transfer processes. It shows you how to configure CATS to make it unique to your business requirements, like time entry approval.

"Start your CFin project! Learn how Central Finance fits in to your IT landscape, and how it will impact your finance processes, reporting, and master data. Get step-by-step instructions for implementation and tips for project management from this one-stop shop for everything Central Finance!"--

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

This is the eBook version of the print title. Note that the eBook may not provide access to the practice test software that accompanies the print book. Access to the companion files are available through product registration at Pearson IT Certification, or see the instructions in the back pages of your eBook. Learn, prepare, and practice for CompTIA Security+ SY0-501 exam success with this CompTIA approved Cert Guide from Pearson IT Certification, a leader in IT certification learning and a CompTIA Authorized Platinum Partner. · Master CompTIA Security+ SY0-501 exam topics · Assess your knowledge with chapter-ending quizzes · Review key concepts with exam preparation tasks · Practice with realistic exam questions CompTIA Security+ SY0-501 Cert Guide is a best-of-breed exam study guide. Best-selling author and expert instructor David L. Prowse shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending chapter review activities help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this CompTIA approved study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The CompTIA approved study guide helps you master all the topics on the Security+ exam, including · Core computer system security · OS hardening and virtualization · Application security · Network design elements · Networking ports, protocols, and threats · Network perimeter security · Physical security and authentication models · Access control · Vulnerability and risk assessment · Monitoring and auditing · Cryptography, including PKI · Redundancy and disaster recovery · Social Engineering · Policies and procedures

SAP Global Trade Services (GTS) helps companies maximize supply chain performance and reduces the overall cost and risk of global trade by ensuring regulatory compliance, accelerating trade activity, and enabling trade compliance automation. The Practical Guide to SAP GTS Part II dives into customs management

and preference processing. Explore how to leverage self-filing, using a broker model, and adopting a free trade agreement to improve ROI. The book is current to version 10.1 and explores version 11.0 and its new features including Fiori apps and UX. - Best practices for leveraging SAP GTS for trade compliance - Fundamentals of preference implementation and system set up - How self-filing, broker models and free trade agreements can improve ROI - Review of Version 11.0 with screenshots

Learn how to configure, implement, enhance, and customize SAP OEE to address manufacturing performance management. Manufacturing Performance Management using SAP OEE will show you how to connect your business processes with your plant systems and how to integrate SAP OEE with ERP through standard workflows and shop floor systems for automated data collection. Manufacturing Performance Management using SAP OEE is a must-have comprehensive guide to implementing SAP OEE. It will ensure that SAP consultants and users understand how SAP OEE can offer solutions for manufacturing performance management in process industries. With this book in hand, managing shop floor execution effectively will become easier than ever. Authors Dipankar Saha and Mahalakshmi Symsunder, both SAP manufacturing solution experts, and Sumanta Chakraborty, product owner of SAP OEE, will explain execution and processing related concepts, manual and automatic data collection through the OEE Worker UI, and how to enhance and customize interfaces and dashboards for your specific purposes. You'll learn how to capture and categorize production and loss data and use it effectively for root-cause analysis. In addition, this book will show you: Various down-time handling scenarios. How to monitor, calculate, and define standard as well as industry-specific KPIs. How to carry out standard operational analytics for continuous improvement on the shop floor, at local plant level using MII and SAP Lumira, and also global consolidated analytics at corporation level using SAP HANA. Steps to benchmark manufacturing performance to compare similar manufacturing plants' performance, leading to a more efficient and effective shop floor. Manufacturing Performance Management using SAP OEE will provide you with in-depth coverage of SAP OEE and how to effectively leverage its features. This will allow you to efficiently manage the manufacturing process and to enhance the shop floor's overall performance, making you the sought-after SAP OEE expert in the organization.

What You Will Learn Configure your ERP OEE add-on to build your plant and global hierarchy and relevant master data and KPIs Use the SAP OEE standard integration (SAP OEEINT) to integrate your ECC and OEE system to establish bi-directional integration between the enterprise and the shop floor Enable your shop floor operator on the OEE Worker UI to handle shop floor production execution Use SAP OEE as a tool for measuring manufacturing performance Enhance and customize SAP OEE to suit your specific requirements Create local plant-based reporting using SAP Lumira and MII Use standard SAP OEE HANA analytics Who This Book Is For SAP MII, ME, and OEE consultants and users who will implement and use the solution.

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 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 Practical Guide to SAP GTS Part 2: Preference and Customs ManagementEspresso Tutorials GmbH

Este libro permite adentrarse paso a paso en el mundo de la programación en ABAP, desde la descripción de los distintos componentes del lenguaje SAP ABAP hasta la elaboración de programas. Primeramente, se describen detalladamente los elementos del diccionario de datos y cómo navegar fácilmente por ellos. Mediante numerosos ejercicios prácticos y ejemplos concretos, aprenderemos a utilizar tablas y vistas, así como a visualizar y actualizar los datos. A continuación, una vez podamos empezar a programar, crearemos varios programas que incluirán: la declaración de los datos, su selección de la base de datos y su tratamiento mediante instrucciones básicas. En la parte central del libro, se muestra el manejo de tablas internas y de su contenido: cómo seleccionar los datos que se deseen, mostrarlos, actualizarlos, etc. Las instrucciones y subrutinas utilizadas en los ejemplos muestran también cómo estructurar un programa. Con un poco de práctica, el dominio de la base de la programación en ABAP estará a nuestro alcance. - Creación de un programa SAP ABAP de la A a la Z. - Instrucciones y transacciones SAP más útiles. - Una veintena de ejercicios con sus soluciones. - Incluye las novedades introducidas en SAP ABAP 7.4.

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.

\_ Provides tutorials for the custom development of your SAP system \_ Covers validations and substitutions, user exits, BTEs, BAdIs, and implicit enhancements \_ Includes discussions on report development, accounting document processing, workflows, and more With this book, you learn how to create custom enhancements to standard ABAP code in Financial Accounting for SAP, which will allow you to address all corporate and/or country-specific business rules. The author takes a systematic approach to the topic, introducing general information about the subject of enhancements, and then offering specific coding tutorials consisting of step-by-step instructions and screenshots. Thanks to clear and concise instructions as well as numerous tips and tricks, you'll quickly learn how to find the appropriate enhancement for a particular problem, use all available data, and avoid common programming errors. Enhancing the Standard System Learn what functionalities are available for enhancing the standard system, and how to choose the right one. Corporate and/or Country-Specific Business Rules Explore the process of creating enhancements that will enable you to adhere to specific corporate and/or country-specific business rules. Interfacing with Third Parties Understand your options for custom enhancements that relate to exchanging data with external systems (banks, vendors, and customers). BTEs and BAdIs Learn how business transaction events and business add-ins can be used to enhance standard Financial Accounting functionality. Practical, Systematic Approach Benefit from detailed explanations and a systematic approach that will teach you how to develop custom ABAP programs to modify the SAP standard. 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

Are you wondering what SAP Fiori is all about? Dive into SAP's new user interface and gain an understanding of core SAP Fiori concepts and get quickly up to speed on SAP Fiori functionality, architecture, prerequisites, and technical components. Walk through key configuration and get examples of what has gone well (and not so well) on real SAP Fiori implementation projects. Take a technical deep dive into the types of Fiori apps including transactional apps, analytics apps, and fact sheets and walk through custom development and enhancements. By using practical examples, tips, and screenshots, the author brings technical and non-technical readers alike up to speed on SAP Fiori. - SAP Fiori fundamentals and core components - Instructions on how to create and enhance an SAP Fiori app - Installation and configuration best practices - Similarities and differences between SAP Fiori and Screen Personas

Helps you learn how to configure SAP's plant maintenance module, Enterprise Asset Management (EAM) in the best way possible. This guide provides you all the details necessary to bring your system to life, whether you are working on an implementation, upgrade, or optimization project.

Build a flexible and sustainable environment for SAP S/4HANA development with this guide to SAP Cloud Platform services! Walk through the steps involved in designing your enterprise architecture, from evaluating your existing landscape to extending and enhancing SAP S/4HANA without disrupting the core. You'll get a detailed look at how to use SAP Cloud Platform services for master data, data integration, business process automation, UX, and security. Future-proof your system! Highlights include: 1) Enterprise architecture design 2) Master data distribution 3) Data integration 4) Business process automation 5) User experience 6) Security 7) Extensions 8) Cloud-native applications 9) DevOps 10) Continuous monitoring

Rely on this robust and thorough guide to build and maintain successful test automation. As the software industry shifts from traditional waterfall paradigms into more agile ones, test automation becomes a highly important tool that allows your development teams to deliver software at an ever-increasing pace without compromising quality. Even though it may seem trivial to automate the repetitive tester's work, using test automation efficiently and properly is not trivial. Many test automation endeavors end up in the "graveyard" of software projects. There are many things that affect the value of test automation, and also its costs. This book aims to cover all of these aspects in great detail so you can make decisions to create the best test automation solution that will not only help your test automation project to succeed, but also allow the entire software project to thrive. One of the most important details that affects the success of the test automation is how easy it is to maintain the automated tests. Complete Guide to Test Automation provides a detailed hands-on guide for writing highly maintainable test code. What You'll Learn Know the real value to be expected from test automation Discover the key traits that will make your test automation project succeed Be aware of the different considerations to take into account when planning automated tests vs. manual tests Determine who should implement the tests and the implications of this decision Architect the test project and fit

it to the architecture of the tested application Design and implement highly reliable automated tests Begin gaining value from test automation earlier Integrate test automation into the business processes of the development team Leverage test automation to improve your organization's performance and quality, even without formal authority Understand how different types of automated tests will fit into your testing strategy, including unit testing, load and performance testing, visual testing, and more Who This Book Is For Those involved with software development such as test automation leads, QA managers, test automation developers, and development managers. Some parts of the book assume hands-on experience in writing code in an object-oriented language (mainly C# or Java), although most of the content is also relevant for nonprogrammers.

Take an in-depth look at how basic financial accounting processes work in SAP S/4HANA in this practical guide. Learn about the SAP Fiori launchpad and how to find your way around the many apps available for finance with the help of screenshots and examples. Understand the finance organizational structure and master data and discover some of the SAP Best Practices for finance such as accounts payable and receivable, credit management, asset accounting, cash and bank management, and closings. Explore different ways to enter and upload G/L journal entries and what is meant by the Universal Journal. Run through the bank postings and different options for the bank statements. Go deeper into the structure of asset accounting, including the chart of depreciation, depreciation areas, asset classes, and depreciation methods. Learn about multidimensional reporting, KPIs, and the various analytical apps supplied with SAP S/4HANA.

- Financial accounting processes in SAP S/4HANA
- Finance organizational structure, key financial master data
- Daily transactions using SAP Fiori apps
- SAP Fiori apps for displaying and reporting financial data

Whether you know it as plant maintenance or asset management, this is the only guide you need to set it up in SAP S/4HANA! Start by planning your plant maintenance implementation, and then jump into configuring the organizational structure and system-wide functions. Use step-by-step instructions to set up your technical systems, from your equipment and fleet to your materials and assemblies. If you're looking to configure breakdown maintenance, corrective maintenance, preventive maintenance, predictive maintenance, or all four, this is the book for you! Highlights include: 1) Organizational structures 2) Notifications 3) Work orders 4) Equipment management 5) Preventive maintenance 6) Predictive maintenance 7) Breakdown maintenance 8) Corrective maintenance 9) SAP Fiori launchpad 10) Project plan

- \* Master the SAP ERP HCM data model, authorizations, infotype framework, interface architecture, and more
- \* Develop custom reports, apply enhancement techniques, and explore performance programming in SAP ERP HCM
- \* Get an introduction to integration with SuccessFactors

With this detailed resource, learn how to make an SAP ERP HCM system stay in perfect harmony. Get to know SAP ERP HCM data structures, perform custom developments and enhancements, and master authorizations and performance optimization. Within

these pages, you'll learn how to fine-tune SAP ERP HCM to address functional gaps and fit any company's needs. Data Structures Examine technical data structures and technologies used to implement the SAP ERP HCM modules, such as infotypes, objects, cluster tables, and crucial SAP transactions. Programming and Customization Apply proper programming methods to meet company requirements by strategically using standard tools for process enhancement. Authorizations Learn about SAP ERP HCM-specific authorization concepts, which technical objects are behind them, and how and when to customize them. Web-Based Applications Spend less time on routine tasks and minimize error by taking advantage of the latest advances in web-based applications: ESS and MSS using Web Dynpro for ABAP. Recent Innovations Learn about new functionality delivered through enhancement packages and add-on solutions, such as integrating SAP ERP HCM with SuccessFactors BizX. Transform your logistics operations with SAP S/4HANA! With this introduction, see what SAP has in store for each supply chain line of business: sales order management, manufacturing, inventory management, warehousing, and more. Discover how SAP Fiori apps and embedded analytics improve reporting, and explore the intersection between your supply chain processes and new SAP Leonardo technologies. Take your first look at SAP S/4HANA logistics, and see where it will take your business! a. Key Processes Advances in SAP S/4HANA are changing your supply chain. Explore planning and scheduling, transportation management, inventory management, manufacturing, warehousing, sourcing and procurement, plant maintenance, and more! b. The Future of Logistics Uncover what's new and improved in SAP S/4HANA for your logistics LOBs, such as centralized procurement to demand-driven MRP. See how technologies like IoT and machine learning can accelerate your core supply chain processes. c. Migration Once you see the logistics big picture, you can plan your next steps. Learn how to design your roadmap, evaluate your technical and functional conversion steps, and prepare your system for your desired migration path. 1) Sourcing and procurement 2) Inventory management 3) Warehouse management 4) Production planning 5) Manufacturing operations 6) Plant maintenance 7) Quality management 8) SAP Fiori applications 9) SAP Leonardo technologies 10) Implementation and migration 11) SAP S/4HANA 1809 User story mapping is a valuable tool for software development, once you understand why and how to use it. This insightful book examines how this often misunderstood technique can help your team stay focused on users and their needs without getting lost in the enthusiasm for individual product features. Author Jeff Patton shows you how changeable story maps enable your team to hold better conversations about the project throughout the development process. Your team will learn to come away with a shared understanding of what you're attempting to build and why. Get a high-level view of story mapping, with an exercise to learn key concepts quickly Understand how stories really work, and how they come to life in Agile and Lean projects Dive into a story's lifecycle,

starting with opportunities and moving deeper into discovery Prepare your stories, pay attention while they're built, and learn from those you convert to working software

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