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 Design, Develop, and Deploy Fiori Applications for the Enterprise

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Development and Extensibility SAP PRESS

Overwhelmed with the options for building mobile apps with SAP UI5? This guide offers a comprehensive introduction to SAP UI5 mobile apps in Eclipse, SAP Cloud Platform, and Microsoft Visual Studio. Explore how to build business and data-driven applications using different platforms to deploy hybrid applications to multiple devices. Walk through the different environments that can be used with SAP UI5. Review best practices for leveraging the Model View Controller (MVC). Examine the advantages of development in an Eclipse environment, along with how to leverage SAP Mobile SDK and the SAP Gateway. By using detailed examples, tips, and screenshots, the author brings readers quickly up to speed on the fundamentals of building mobile apps: - Introduction to mobile and SAP UI5 development - Steps for building mobile apps in Eclipse, SAP Cloud Platform, and Microsoft Visual Studio - How to deploy apps to multiple devices - Advantages and disadvantages of using different environments

Practical Guide to SAP OpenUI5 Apress

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 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

An Introduction Rheinwerk Publishing

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

Practical Data Science with SAP SAP PRESS

SAPUI5The Comprehensive GuideSAP PRESS

SAP HANA SAP Press

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 to create an OData service. 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, Configuration Get started! Discover the various deployment options for SAP Gateway, and get step-by-step instructions for installation and configuration. b. OData Services Create! Walk through the specific tools for and steps in creating OData services. Then learn how to extend your existing OData 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 OData service creation and deployment Mobile development Social media development Security Lifecycle management SAPUI5 SAP Web IDE SAP Fiori SAP HANA Galileo Press heißt jetzt Rheinwerk Verlag.

Beginning SAP Fiori SAP PRESS

This book offers a comprehensive introduction to SAP Open UI5. The authors expertly bring readers up to speed on SAP UI5 technology utilizing Java Script, HTML, and CSS, and they explain, step by step, how to transition from traditional systems to handheld and mobile devices. Learn more about key OpenUI5 concepts including bootstrapping, controls, views, models, and data binding. Review your library options including JavaScript and CSS, and learn how to use them to increase available functionality. Walk through how to install the UI development toolkit library and set up the development environment. Learn how to leverage controls and evaluate when to use native JavaScript or the OpenUI5 library. Dive into SAP Fiori for SAP applications and walk through five key design principles. See practical examples of how to create applications using UI5. By using practical examples, tips, and screenshots, the author brings readers who are new to SAP Open UI5 up to speed on the fundamentals. - Fundamental OpenUI5 concepts - How to define controls for an application - SAP Fiori applications and design principles - Real-world examples of how to create applications using UI5

SAPUI5 SAP Press

"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"--

First Steps for Building SAP UI5 Mobile Apps "O'Reilly Media, Inc."

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 **Native Development for SAP HANA** SAP Press

*** 2020 UPDATE - SAP Gateway 2.0 features! - Become an Expert Fast in a Hot Demanded Market and Reap the Rewards! *** ♣ Do you know that OData/REST integration is one of the most hot demanded areas in system connections? ♣ Do you know that this area is not only demanded but also a market that lacks expert resources? ♣ Do you know that by exposing SAP Business Suite functionality as REST-based OData services, SAP Gateway enables SAP applications to share data with a wide range of devices, technologies, and platforms in a way that is easy to understand and consume? ♣ Your practical guide ♣ This step-by-step practical guide will give you the version 1 and version 2 of the SAP Gateway features. ♣ In an easy way, this book will save you time in your development, design and troubleshooting with SAP Gateway. ♣ In addition, it will also help you on the mobile application development side with SAPUI5 / SAP Fiori. ♣ You will learn ♣ Main Concepts. ♣ Getting Familiarized with the SAP Gateway Environment. ♣ CRUDQ operations and Service Implementation. ♣ Integrating SAP Gateway with SAPUI5 and Deploying SAPUI5 Apps. ♣ SAP Gateway 2.0 Features - Advanced Implementation of Services. ♣ So, get into the water and start splashing around, it could only make you better. Start on the journey to this technology today. ♣ Are you ready to be proficient in a demanded integration area and reap the rewards in your job/contract? * ♣ Scroll to the top of the page and press the "BUY NOW" button to get started right away! ♣

Testing SAPUI5 Applications Apress

SAP Hana is popular due to its large main memories and massive parallel job processing capabilities. It makes SAP Hana real fast. The motive of this book is to develop a good understanding of how SAP Hana is used. The book doesn't need any experience with SAP HANA or software development. It's a self-learning guide that even beginners can use. Everything about SAP HANA is

explained like architecture, modeling, reporting, SQL script, and so on. This book is full of information, hands-on and real life project experience learning. In this edition, you will identify various components of SAP HANA and its working process. Though the book size is small, it tried to justify almost all important topics of SAP HANA with examples and images. These includes SLT, the connection between SAP system and HANA, Data services, etc. You will also learn how to use SQL script in HANA. By the end of this book, you will be able to integrate SAP HANA pretty much with any platform. Over a time you can use this edition as a handbook and harness your SAP Hana skills. So all and above this edition will save a lot of your expenses spend behind other courses and learning resources.

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Methodologies and Techniques SAP PRESS

Seminar paper from the year 2017 in the subject Computer Science - Commercial Information Technology, grade: 1.7, Heilbronn University, language: English, abstract: Today almost every software and websites has a mobile compatible version and everyone can check anything on his mobile or tablet. This wasn't the case 7-8 years ago. For SAP, Graphical User Interface as known as GUI was very powerful at the time when SAP launched its ERP software. With time, many other software exists with the fleet of HTML5 based powerful and more appealing modern UI-technology. For this, the old GUI was not able to stand with it. As everyone knows, today are smartphones and tablets more powerful than pc's. So, it was very important for SAP to find a solution and its was SAP Fiori - "One UX for all SAP Products". Fiori is based on a framework known as SAPUI5 which is built on top of HTML5 and is compatible with any device and any screen size. The first announcement from SAP about Fiori was in May 2013 with the first release of 25 transactional Fiori apps for the most common business functions, such as self-services tasks which known as ESS/MSS. Today, there are more than 1140 true Fiori apps available in Fiori library. The number of apps can partially supplement the previous GUI transactions. SAP offers three types of Fiori apps with different database requirements. A distinction is made between Transactional apps, Analytical apps

and factsheets. Only Transactional apps can run on any database that supports SAP ERP. The other 2 types require SAP HANA as database. Since 2013, Fiori has made great progress and will continue in the coming years.

Development and Operations with SAP BTP, ABAP Environment IBM Redbooks

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

An Introduction SAP Press

Want to create applications that run faster and perform better on SAP HANA? Learn how to design, test, and deploy native SAP HANA applications with SAP HANA XSA! Get started by exploring your development environment, tools, and the SAP HANA XSA architecture. Then define your data model with Core Data Services and HDB, add your application layer--Node.js, Java, or custom--and develop your presentation layer. Finish up by securing, troubleshooting, and deploying your app!--

Development Associate Exam SAP Press

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

Espresso Tutorials GmbH

"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!--"

SAP Fiori Implementation and Development SAP PRESS

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

Getting Started with SAPUI5 GRIN Verlag

Leverage the flexibility and power of SAP MII to integrate your business operations with your manufacturing processes. You'll explore important new features of the product and see how to apply best practices to connect all the stakeholders in your business. This book starts with an overview of SAP's manufacturing integration and intelligence application and explains why it is so important. You'll then see how it is applied in various manufacturing sectors. The biggest challenge in manufacturing industries is to reduce the manual work and human intervention so that the process becomes automatic. SAP MII explains how to bridge the gap between management and production and bring sound vital information to the shop floor in real time. With this book you'll see how to ensure existing manufacturing and information systems share a common interface for all users in your enterprise. What You'll Learn Understand the functional aspects of SAP MII Implement SAP MII in different Manufacturing sectors Explore new technical features of SAP MII 12.x Integrate scenarios with SAP MII Discover practice guidelines Who This Book is for All levels of SAP manufacturing professionals.

SAP Tools Espresso Tutorials GmbH

Familiar with some aspects of managing Workflow, but not with others? This title lets you pick the sections or chapters that are most relevant to you; focus on the provided conceptual explanations, technical instructions, or both. It includes topics such as configuration, administration and troubleshooting, design, and enhancement.

SAP Cloud Platform Certification Guide Springer Nature

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.

SAP HANA XSA SAP PRESS

Take a deep dive into application testing for SAPUI5! Learn how to use QUnit for unit testing and build one-page acceptance tests (OPA) for your components. --

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