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Customizing SAP S/4HANA with SAP Cloud Platform
PC Mag
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Intel Galileo and Intel Galileo Gen 2 Apress
Master powerful new approaches to web architecture, design, and user experience This book presents a pragmatic, problem-driven, user-focused approach to planning, designing, and building dynamic web solutions. You'll learn how to gain maximum value from Domain-Driven Design (DDD), define optimal supporting architecture, and succeed with modern UX-first design approaches. The author guides you through choosing and implementing specific technologies and addresses key user-experience topics, including mobile-friendly and responsive design. You'll learn how to gain more value from existing Microsoft technologies such as ASP.NET MVC and SignalR by using them alongside other technologies such as Bootstrap, AJAX, JSON, and JQuery. By using these techniques and understanding the new ASP.NET Core 1.0, you can quickly build advanced web solutions that solve today's problems and deliver an outstanding user experience. Microsoft MVP Dino Esposito shows you how to: Plan websites and web apps to mirror real-world social and business processes Use DDD to dissect and master the complexity of business domains Use UX-Driven Design to reduce costs and give customers what they want Realistically compare server-side and client-side web paradigms Get started with the new ASP.NET Core 1.0 Simplify modern visual webpage construction with Bootstrap Master practical, efficient techniques for running ASP.NET MVC projects Consider new options for implementing persistence and working with data models Understand Responsive Web Design's pros, cons, and tradeoffs Build truly mobile-friendly, mobile-optimized websites About This Book For experienced developers and solution architects who want to plan and develop web solutions more effectively Assumes basic familiarity with the Microsoft web development stack *Windows 10 for the Internet of Things* "O'Reilly Media, Inc."

Calling all developers and consultants: build the best SAP CRM system you can with this essential, one-stop guide!
Test-Driven Development with ABAP Objects Microsoft Press ABAP developers, are you looking to clean up your code? Then pick up this official companion to the Clean ABAP GitHub repository. This book is brimming with best practices, straight from the experts, to help you write effective ABAP code. Start by learning when to apply each clean ABAP practice. Then, dive into detailed code examples and explanations for using classes, methods, names, variables, internal tables, and more. From writing code to troubleshooting and testing, this is your complete style guide! In this book, you'll learn about: a. Clean ABAP Concepts What is clean ABAP and why is it important to write clean code? Understand clean ABAP concepts with insight from the experts, including special considerations for legacy code and performance. b. Best Practices Walk through the what, why, and how behind clean ABAP best practices. Learn to improve your code, including using classes and interfaces appropriately, handling method design and control flow, designing and running unit tests, and much more. c. Practical Examples See clean ABAP practices in action! Improve your understanding of how to write effective code. Use detailed examples for each best practice that demonstrate the difference between clean and messy code. Highlights include: 1) Classes and interfaces 2) Methods 3) Names 4) Variables and literals 5) Internal tables 6) Control flow 7) Comments 8) Formatting 9) Error handling 10) Unit testing 11) Packages

Galileo's Astrology SAP PRESS
Over 50 recipes that will help you use the Intel Galileo board to build exciting network-connected projects About This Book Create networking applications using the Intel Galileo board Control your web-based projects in real time from anywhere in the world Connect to the Temboo web service to interact with a huge range of APIs Who This Book Is For If you have already worked on ARM boards like Arduino, but now want to learn Intel Galileo, then this book is for you. Knowledge of C programming language is required. What You Will Learn Set up your Galileo board for the Internet of Things Connect external sensors to the Intel Galileo Create and run a web server on the Galileo board Control hardware devices from the Galileo Host web-based applications on the Intel Galileo Monitor data from the cloud using the Galileo Build a complete home automation hub using the Galileo board In Detail Arduino is an electronic prototyping platform used by millions of people around the world. Intel Galileo is fully Arduino compatible; hence it combines the high performance of Intel with the simplicity of Arduino Software Development Environment. This makes it the ideal platform to build exciting projects, especially in the field of web-based connected applications and the Internet of Things. The book features several recipes all based on the Intel Galileo board, and that exploit the powerful features of the board. Each chapter explores a given field using the Galileo board. The book is mainly divided in three parts. The first part is all about learning the basics of the Intel Galileo board, but it uses some of the powerful features of the board such as connecting external sensors and complex hardware devices, compared with more basic Arduino boards. Then, the book dives into the topics related to networking and the Internet of Things. You will learn how to run a web server on the board and log data using a cloud-based service. Finally, the book ends with a chapter that aims to build a complete home automation hub using the Galileo board. This chapter uses everything that was learned in the book to make a home automation system using the Galileo board and Arduino. Style and approach This book contains exciting recipes that will help you create projects using the Intel Galileo platform to build systems in various domains like local

networking applications, the Internet of Things, and home automation. Each recipe is explained in a step-by-step fashion, always starting with the assembly of the hardware, followed by basics tests of all hardware components. At the end, an exciting project is built using the knowledge acquired in the rest of the book.
Central Finance and SAP S/4HANA "O'Reilly Media, Inc." 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
NASA Space Flight Program and Project Management Handbook SAP PRESS
This book is in full-color - other editions may be in grayscale (non-color). The hardback version is ISBN 9781680920512 and the paperback version is ISBN 9781680920505. The NASA Space Flight Program and Project Management Handbook (NASA/SP-2014-3705) is the companion document to NPR 7120.5E and represents the accumulation of knowledge NASA gleaned on managing program and projects coming out of NASA's human, robotic, and scientific missions of the last decade. At the end of the historic Shuttle program, the United States entered a new era that includes commercial missions to low-earth orbit as well as new multi-national exploration missions deeper into space. This handbook is a codification of the "corporate knowledge" for existing and future NASA space flight programs and projects. These practices have evolved as a function of NASA's core values on safety, integrity, team work, and excellence, and may also prove a resource for other agencies, the private sector, and academia. The knowledge gained from the victories and defeats of that era, including the checks and balances and initiatives to better control cost and risk, provides a foundation to launch us into an exciting and healthy space program of the future.
Implementing SAP Manufacturing Execution John Wiley & Sons
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

Computerworld Packt Publishing Ltd
The next major advance in the Web-Web 3.0-will be built on semantic Web technologies, which will allow data to be shared and reused across application, enterprise, and community boundaries. Written by a team of highly experienced Web developers, this book explains examines how this powerful new technology can unify and fully leverage the ever-growing data, information, and services that are available on the Internet. Helpful examples demonstrate how to use the semantic Web to solve practical, real-world problems while you take a look at the set of design principles, collaborative working groups, and technologies that form the semantic Web. The companion Web site features full code, as well as a reference section, a FAQ section, a discussion forum, and a semantic blog.

RESTful Web Services John Wiley & Sons
You might think more than enough design books exist in the programming world already. In fact, there are so many that it makes sense to ask why you would read yet another. Is there really a need for yet another design book? In fact, there is a greater need than ever before, and Practical API Design: Confessions of a Java Framework Architect fills that need! Teaches you how to write an API that will stand the test of time Written by the designer of the NetBeans API at Sun Technologies Based on best practices, scalability, and API design patterns

The Official GNOME 2 Developer's Guide SAP PRESS
"Every developer working with the Web needs to read this book." -- David Heinemeier Hansson, creator of the Rails framework "RESTful Web Services finally provides a practical roadmap for constructing services that embrace the Web, instead of trying to route around it." -- Adam Trachtenberg, PHP author and EBay Web Services Evangelist You've built web sites that can be used by humans. But can you also build web sites that are usable by machines? That's where the future lies, and that's what RESTful Web Services shows you how to do. The World Wide Web is the most popular distributed application in history, and Web services and mashups have turned it into a powerful distributed computing platform. But today's web service technologies have lost sight of the simplicity that made the Web successful. They don't work like the Web, and they're missing out on its advantages. This book puts the "Web" back into web services. It shows how you can connect to the programmable web with the technologies you already use every day. The key is REST, the architectural style that drives the Web. This book: Emphasizes the power of basic Web technologies -- the HTTP application protocol, the URI naming standard, and the XML markup language Introduces the Resource-Oriented Architecture (ROA), a common-sense set of rules for designing RESTful web services Shows how a RESTful design is simpler, more versatile, and more scalable than a design based on Remote Procedure Calls (RPC) Includes real-world examples of RESTful web services, like Amazon's Simple Storage Service and the Atom Publishing Protocol Discusses web service clients for popular programming languages Shows how to implement RESTful services in three

popular frameworks -- Ruby on Rails, Restlet (for Java), and Django (for Python) Focuses on practical issues: how to design and implement RESTful web services and clients This is the first book that applies the REST design philosophy to real web services. It sets down the best practices you need to make your design a success, and the techniques you need to turn your design into working code. You can harness the power of the Web for programmable applications: you just have to work with the Web instead of against it. This book shows you how.

IBM CloudBurst on System x SAP Press
This book starts by teaching you the essentials of the Intel Galileo board, its components, how to wire it, and how to use it safely. The book will teach you how to use and combine simple sensors to build more complex connected objects with the help of an Internet connection. You'll also learn how to control and read from your sensors by building a number of interesting projects. Finally, the book will familiarize you with the art of controlling your objects using mobile devices. By the end of the book, you'll be able to understand the key concepts of the Internet of Things, and what a "Thing" truly is. This book will make you ready and also more aware of what you can do with a Galileo board, while inspiring you with more ideas to build your own home projects.

SAP Cloud Platform Integration Apress
Intel® Galileo and Intel® Galileo Gen 2: API Features and Arduino Projects for Linux Programmers provides detailed information about Intel® Galileo and Intel® Galileo Gen 2 boards for all software developers interested in Arduino and the Linux platform. The book covers the new Arduino APIs and is an introduction for developers on natively using Linux. Author Manoel Carlos Ramon is a member of the Intel Galileo development team; in this book he draws on his practical experience in working on the Galileo project as he shares the team's findings, problems, fixes, workarounds, and techniques with the open source community. His areas of expertise are wide-ranging, including Linux-embedded kernel and device drivers, C/C++, Java, OpenGL, Assembler, Android NDK/SDK/ADK, and 2G/3G/4G modem integration. He has more than 17 years of experience in research and development of mobile devices and embedded circuits. His personal blog about programming is BytesThink (www.bytesthink.com).

SAP API Management John Wiley & Sons
If engineering is the art and science of technical problem solving, systems architecting happens when you don't yet know what the problem is. The third edition of a highly respected bestseller, The Art of Systems Architecting provides in-depth coverage of the least understood part of systems design: moving from a vague concept and limited resources

The Art of Systems Architecting 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!--

SAP Integration Suite All Points Books
For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Intel Galileo Networking Cookbook John Wiley & Sons
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Do you remember landmark games like Wolfenstein 3D, Doom, and Asteroids? Well, here's an exciting opportunity to build and/or port these games to one of the hottest mobile and netbooks platforms today: Google's Android. Pro Android Games teaches you how to build cool games like Space Blaster and the classic Asteroids from scratch on the latest Android platform. This book also shows you how to port other classic freeware/shareware games like Doom and Wolfenstein 3D from C using the Java Native Interface (JNI) for Android. This book is all about a unique perspective in Android game development: a well-balanced, powerful combination of pure Java and hybrid game development, mixing Java and C. By combining the elegant object-oriented features of Java and the raw power of C, there is no limit to the types of games that you can build for the platform. With actionable real-world source code in hand, this book allows you to dive right into games development on Android. You'll definitely have fun, and perhaps you'll even make some money. Enjoy!

F & S Index United States Annual CRC Press

Code-based test improvement -- Design-based test improvement -- Robust integration test -- Minimizing dependencies -- Isolated component test -- Redesign with unit tests.

Internet of Things with Intel Galileo SAP Press

Explore Android's core building blocks and APIs in depth with this authoritative, updated guide to create compelling apps that work on a full range of Android devices, using proven approaches to app design and implementation.