Microsoft SharePoint 2013 App Development (Developer Reference) by Scot Hillier



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Microsoft Sharepoint 2013 App Development Developer Reference

Paolo Pialorsi

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Microsoft SharePoint 2013 App Development Scot Hillier, Ted Pattison, 2013-01-15 Your guide to designing apps that extend the capabilities of your SharePoint site Take advantage of the most important new concept in Microsoft SharePoint 2013 the app Led by two SharePoint experts you ll learn development techniques such as building app lists creating event handlers and the major classes in the object model that provide access to content stored in SharePoint Get expert guidance on how to Best design an app Develop a SharePoint hosted app Develop a developer hosted app Create and use lists Support notifications Program a client side app with JavaScript Establish user security and SharePoint application security Get code samples on the Web SharePoint 2013 Field Guide Errin O'Connor, 2014-05-27 Covers SharePoint 2013 Office 365 s SharePoint Online and Other Office 365 Components In SharePoint 2013 Field Guide top consultant Errin O Connor and the team from EPC Group bring together best practices and proven strategies drawn from hundreds of successful SharePoint and Office 365 engagements Reflecting this unsurpassed experience they guide you through deployments of every type including the latest considerations around private public and hybrid cloud implementations from ECM to business intelligence BI as well as custom development and identity management O Connor reveals how world class consultants approach plan implement and deploy SharePoint 2013 and Office 365 s SharePoint Online to maximize both short and long term value He covers every phase and element of the process including initial whiteboarding consideration around the existing infrastructure IT roadmaps and the information architecture IA and planning for security and compliance in the new IT landscape of the hybrid cloud SharePoint 2013 Field Guide will be invaluable for implementation team members ranging from solution architects to support professionals CIOs to end users It s like having a team of senior level SharePoint and Office 365 hybrid architectureconsultants by your side helping you optimize your success from start to finish Detailed Information on How to Develop a 24 36 month roadmap reflecting initial requirements longterm strategies and key unknowns for organizations from 100 users to 100 000 users Establish governance that reduces risk and increases value covering the system as well as information architecture components security compliance OneDrive SharePoint 2013 Office 365 SharePoint

Online Microsoft Azure Amazon Web Services and identity management Address unique considerations of large global and or multilingual enterprises Plan for the hybrid cloud private public hybrid SaaS PaaS IaaS Integrate SharePoint with external data sources from Oracle and SQL Server to HR ERP or document management for business intelligence initiatives Optimize performance across multiple data centers or locations including US and EU compliance and regulatory considerations PHI PII HIPAA Safe Harbor etc Plan for disaster recovery business continuity data replication and archiving Enforce security via identity management and authentication Safely support mobile devices and apps including BYOD Implement true records management ECM RM to support legal compliance requirements Efficiently build custom applications workflows apps and web parts Leverage Microsoft Azure or Amazon Web Services AWS **Pro SharePoint 2013 App Development Steve** Wright, 2013-12-02 Apps have taken the world by storm and now they re taking SharePoint as well The biggest new thing in SharePoint 2013 apps are the solution to creating custom code that runs on not just your own SharePoint deployment but also on others implementations as well Pro SharePoint 2013 App Development is your must have guide to developing app solutions that run on the SharePoint 2013 platform Using step by step tutorials author Steve Wright creates a sample SharePoint app throughout the course of the book and you can walk with him through the entire lifecycle of a SharePoint app Get expert guidance and advice on creating an app provisioning it for use in SharePoint securing it from unauthorized use and from other applications integrating your app with SharePoint search and other platform features and much more You ll even discover how to present your app to users on mobile devices like iPads smartphones and Microsoft Surface tablets Apps in SharePoint are here to stay Don t miss out pick up a copy of Pro SharePoint 2013 App Development and get started on your own custom apps today Introduces the architecture for creating and hosting SharePoint apps Leads the reader through the creation and deployment of a complete solution Provides an understanding of the security features in the SharePoint app model Helps the organization leverage internal data securely over the network Leverages SharePoint search and other services to create rich SharePoint solutions Introduces the techniques for delivering data on a multitude of web and mobile Pro SharePoint 2013 Branding and Responsive Web Development Oscar Medina, Chris Beckett, Rita platforms Zhang, Eric Overfield, Kanwal Khipple, Benjamin Niaulin, 2013-06-11 Pro Share Point 2013 Branding and Responsive Web Development is the definitive reference on the technologies tools and techniques needed for building responsive websites and applications with SharePoint 2013 The book focuses on solutions that provide the best browser experience for the myriad of devices browsers and screen orientations and resolutions Web technology has changed considerably in the past few years Microsoft has embraced the new generation of open standards represented by HTML5 and JavaScript and these changes are represented in a fundamental shift in how SharePoint 2013 supports web content management and publishing Authors Eric Overfield Oscar Medina Kanwal Khipple and Rita Zhang join forces to dive into the new features and capabilities provided by SharePoint 2013 and combine them with the latest techniques in responsive web design and development to demonstrate

how to build modern and progressive websites and applications Pro SharePoint 2013 Branding and Responsive Web Development covers the following technologies SharePoint 2013 Server Edition Office 365 SharePoint Online Expression Blend 2013 Napa Tools for Office and SharePoint Development Visual Studio 2012 HTML5 and CSS3 JavaScript JQuery JQuery UI Modernizr and the Bootstrap Framework SharePoint 2013 Client Object Model What you ll learnThrough the context of building a complete website on SharePoint 2013 from start to finish readers will learn how to combine SharePoint 2013 web content management features and capabilities with modern web design and development skills The key topics to be covered include Design Manager this new feature allows web designers and developers to build SharePoint branding templates using standard HTML and CSS and convert the templates to SharePoint master pages This opens up branding to a wider audience of designers who struggled with having to understand the complexity of SharePoint and ASP NET master pages Client Object Model this feature is based on web service technologies for interacting with server side data from client side This feature has been extended significantly to support the new SharePoint application model which heavily emphasizes client side development This book will provide full coverage of utilizing these updated web service technologies and how they can be used to build interactive websites Device Channels similar to the capabilities provided by HTML5 media gueries the new channels capability allows SharePoint to detect client devices and browsers to load the appropriate master page to provide a unique browser experience Variations and Translation Services SharePoint 2013 continues to improve features and capabilities for building multi lingual sites including new support for integration with professional translation service providers or automated translation web services Term Set Navigation and SEO Improvements SharePoint 2013 now provides native support for Search Engine Optimization requirements such as page meta fields as well as a completely new approach to site navigation and human friendly URLs through the use of Managed Metadata navigation Who this book is for Pro SharePoint 2013 Branding and Responsive Web Development is designed for web designers and developers who have existing knowledge of basic website design and development including HTML CSS and JavaScript This book builds upon that foundational knowledge to walk the reader through a complete project lifecycle for building a responsive website on SharePoint 2013 Table of Contents What's New in SharePoint 2013 Web Content Management Responsive Web Design and Development with HTML5 Gather Requirements and Wire frame for the Site Building a SharePoint HTML Master Page Using Device Channels to customize ClientUX Design Site Structure and Navigation with Managed Metadata Publish Cross Site Content with Catalogs Design and Develop Page Layouts and Content Types Integrate Search Driven Content Build Rich Interactive Forms Upload Documents and Files Integrate Location Based Features Integrating Feeds and Social Media Supporting Multilingual Sites Appendix A Setting up your Design and Development Environment **Professional** SharePoint 2013 Development eBook and SharePoint-videos.com Bundle Reza Alirezaei,Brendon Schwartz,Matt Ranlett, Scot Hillier, Brian Wilson, Jeff Fried, Paul Swider, Asif Rehmani, 2014-03-10 Beginning Share Point 2013 Development

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PerformancePoint and Business Connectivity Services SharePoint Kompendium - Bd. 1: Cloud Readiness Mirko Schrempp, 2015-01-14 Das SharePoint Kompendium ist der direkte Nachfolger des SharePoint Magazins In Bezug auf Layout und Aufbau orientiert sich das Buch am Magazinformat einfach und informativ bietet es das Beste aus beiden Welten Auf rund 160 Seiten finden sich umfassende Informationen zu SharePoint und korrespondierenden Enterprise L sungen Thematisch spannt das Kompendium den Bogen von Business Solutions Managementkonzepte ber die Entwicklung bis hin zur Administration um alle Aspekte der Einsatzm glichkeiten von SharePoint vorzustellen Der erste Band des SharePoint Kompendiums stellt Ihnen die Cloud Readiness der neuen Version SharePoint 2013 und im Zusammenspiel mit Office 2013 bzw Office 365 und weiteren Cloud Angeboten vor Im Zentrum stehen dabei die neuen Apps die jetzt in SharePoint und Office alte Grenzen niederrei en und Web Business Intelligence und L sungen von Drittherstellern sicher und einfach in die Anwendungen einbringen Die Apps bringen sowohl fr die Anwender wie auch fr die L sungsanbieter mehr Komfort lassen sie sich doch ber den App Store anbieten und einbinden Der Anwender hat die Wahl und kann selbst entscheiden was er nutzen m chte fr die Anbieter ffnet sich ein neuer Vertriebsweg und Gesch ftsmodell und Entwicklern wie Administratoren bleiben einige graue Haare erspart Beginning SharePoint 2013 Development Steve Fox, Chris Johnson, Donovan Follette, 2013-01-31 A complete revision to a popular SharePoint developer's resource Fully updated for SharePoint 2013 this book is an ideal starting place for SharePoint development Covering all the major topics that a new developer needs to know in order to get started this resource contains 100 percent new content and addresses the major overhaul to the SharePoint 2013 platform The team of authors led by Microsoft's Steve Fox presents you with a detailed overview that helps you establish a starting point for development They then walk you through ways to advance your knowledge so that you leverage the new SharePoint 2013 features to build custom solutions Addresses developing managed or unmanaged applications Provides an overview of Windows Azure for SharePoint Looks at common developer tasks in SharePoint 2013 Gets you started with building packaging and deploying SharePoint 2013 applications Highlights essential points of security in SharePoint 2013 Touching on everything from developing applications using Office services to development workflow applications Beginning SharePoint 2013 Development covers everything you need to know to start confidently working with the platform today Beginning SharePoint 2013 Development eBook and SharePoint-videos.com Bundle Steve Fox, Chris Johnson, Donovan Follette, Asif Rehmani, 2014-03-10 Beginning SharePoint 2013 Development eBook and SharePoint videos com Bundle Beginning PowerShell for SharePoint 2013 Nikolas Charlebois-Laprade, 2014-02-25 Beginning PowerShell for SharePoint 2013 is a book for the SharePoint administrator looking to expand his or her toolkit and skills by learning PowerShell Microsoft s vastly flexible and versatile object oriented scripting language PowerShell is the future of Microsoft administration and SharePoint is a complex product that can be managed more easily and quickly with PowerShell cmdlets and scripts This book helps bridge the gap introducing PowerShell fundamentals and operations in the context of deploying

migrating managing and monitoring SharePoint 2013 Author Nik Charlebois Laprade begins by explaining the fundamental concepts behind the PowerShell language Then with copious real world examples and scripts he lays the foundation for PowerShell novices to automate interactions with the various pieces and components of the SharePoint 2013 platform For SharePoint administrators wanting to do more with the technology or for SharePoint developers trying to build their skills on the administration side Beginning PowerShell for SharePoint 2013 is the perfect book to kick off your PowerShell journey What you ll learnManage on premises and Office 365 SharePoint instances using PowerShellWrite re usable PowerShell scriptsUnderstand the architecture of PowerShellPerform operations on a wide variety of SharePoint components using PowerShellPlan prepare and execute a SharePoint 2010 to 2013 migration using PowerShellProactively monitor SharePoint farms for issues using PowerShellWho this book is for Beginning PowerShell for SharePoint 2013 is for both SharePoint administrators and developers who want to extend their knowledge of the technology It s an excellent book for technical users who would appreciate a quick at hand reference Table of ContentsChapter 1 Introduction Chapter 2 What s New in PowerShell for SharePoint 2013 Chapter 3 Configuring Your Environment for PowerShell Chapter 4 PowerShell Basics Chapter 5 Automating SharePoint Deployment with PowerShell Chapter 6 Day to Day SharePoint Administration with PowerShell Chapter 7 Monitoring and Troubleshooting SharePoint with PowerShell Chapter 8 Automating SharePoint 2010 Migrations with PowerShell Chapter 9 Managing SharePoint Online in Office 365 with PowerShell Chapter 10 Upgrading from SharePoint 2010 to 2013 Using PowerShell Appendix A Common Cmdlets Microsoft SharePoint 2013 Disaster Recovery Guide Peter Ward, Peter Abreu, Pavlo Andrushkiw, Pat Esposito, Jeff Gellman, Joel Plaut, 2013-09-25 The style and approach of the book is an easytoread SharePoint admin guide This is not a stepbystep instruction book but rather a guide on how to implement and execute a disaster recovery plan to your SharePoint environment This book is great for both SharePoint and SQL administrators new to the SharePoint 2013 architecture and who are looking to get a good grounding in how to use implement a solid disaster recovery recovery plan It's assumed that you have some experience in SharePoint and SharePoint Development with the SharePoint Framework Jussi Windows Server and as well be familiar with SQL Roine, Olli Jaaskelainen, 2017-09-29 Design and create beautiful solutions using modern development tools for Share Point Online About This Book Get the best out of the latest Sharepoint Framework and leverage the Sharepoint RESTful and JSOM APIs Develop efficient client side applications with JavaScript injection and Sharepoint Addins Get the best tips and tricks on designing your website flawlessly Who This Book Is For This book targets current SharePoint developers as well as people starting their journey on SharePoint development The reader must have basic web development programming knowledge including JavaScript and CSS The reader should have familiarity using and managing SharePoint based collaboration sites What You Will Learn Understand what the SharePoint Framework is Create modern solutions using the new tools approaches and frameworks Learn how to use Visual Studio Code for effective SharePoint development Package and deploy your code

using automation as needed Work with content and data stored in SharePoint Benefit from third party frameworks without having to build your own frameworks Debug and troubleshoot your code with ease Configure security in your application In Detail SharePoint is one of Microsoft s best known web platforms A loyal audience of developers IT Pros and power users use it to build line of business solutions The SharePoint Framework SPFx is a great new option for developing SharePoint solutions Many developers are creating full trust based solutions or add in solutions while also figuring out where and how SPFx fits in the big picture This book shows you how design build deploy and manage SPFx based solutions for SharePoint Online and SharePoint 2016 The book starts by getting you familiar with the basic capabilities of SPFx After that we will walk through the tool chain on how to best create production ready solutions that can be easily deployed manually or fully automated throughout your target Office 365 tenants We describe how to configure and use Visual Studio Code the de facto development environment for SPFx based solutions Next we provide guidance and a solid approach to packaging and deploying your code We also present a straightforward approach to troubleshooting and debugging your code an environment where business applications run on the client side instead of the server side Style and approach The approach will be that of a practical tutorial which will take you through every topic using code samples and working examples

Beginning PowerShell for SharePoint 2016 Nikolas Charlebois-Laprade, John Edward Naguib, 2017-05-23 Use the latest tools to manage and automate tasks on Microsoft's SharePoint platform You will achieve time and cost savings increase reliability of deployments and learn how to safely and efficiently migrate from a previous version all while gaining valuable skills in PowerShell scripting Authors Nik Charlebois Laprade and John Edward Naguib begin by explaining the fundamental concepts behind the PowerShell language Then with copious real world examples and scripts they introduce PowerShell operations in the context of deploying migrating managing and monitoring SharePoint 2016 What You ll Learn What s New in this Edition Learn about the new SharePoint 2016 capabilities and min role Extend the default set of available PowerShell cmdlets for SharePoint 2016 by creating your own reusable Cmdlet functions with PowerShell 5 0 Upgrade your on premises SharePoint 2013 environment to SharePoint 2016using PowerShell Who This Book Is For Administrators developers and DevOps engineers working with SharePoint 2016 No experience with PowerShell is required **Professional SharePoint 2013 Development** Reza Alirezaei, Brendon Schwartz, Matt Ranlett, Scot Hillier, Brian Wilson, Jeff Fried, Paul Swider, 2013-02-22 Thorough coverage of development in SharePoint 2013 A team of well known Microsoft MVPs joins forces in this fully updated resource providing you with in depth coverage of development tools in the latest iteration of the immensely popular SharePoint From building solutions to building custom workflow and content management applications this book shares field tested best practices on all aspect of SharePoint 2013 development Offers a thorough look at Windows Azure and SharePoint 2013 Includes new chapters on Application Life Cycle Management developing apps in SharePoint and building PerformancePoint Dashboards in SharePoint Professional SharePoint 2013 Development is an essential SharePoint

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Robotics Developer Studio Fouad Sabry, 2025-01-03 Microsoft Robotics Developer Studio This chapter introduces the key components and features of the Microsoft Robotics Developer Studio the primary framework for building and simulating robotics applications Microsoft Visual C Dive into the integration of Microsoft Visual C which provides a robust development environment for programming robotic applications efficiently Cross compiler Learn how crosscompilation tools expand the compatibility of your robotics programs allowing them to run on different platforms Visual programming language Explore the visual programming interface used to simplify the development of robotic systems making it easier for developers to create applications Microsoft XNA Understand how Microsoft XNA enhances the development of simulations and games contributing to robotics visualizations and simulation environments Robotics suite This chapter covers the suite of tools offered by Microsoft for building testing and deploying robotic systems enhancing the workflow Microsoft Visual Programming Language Discover the Microsoft Visual Programming Language VPL a tool that allows for easy programming through a graphical interface ideal for beginners and experts alike Concurrency and Coordination Runtime Delve into the concurrency and coordination runtime essential for managing tasks and processes in multithreaded robotic systems Visual Studio Tools for Office Understand how Visual Studio Tools for Office integrates with robotics development improving productivity through office automation Visual Studio This chapter examines the features of Visual Studio and its role in streamlining the coding debugging and testing phases of robotic system development Visual Studio Tools for Applications Learn how Visual Studio Tools for Applications helps integrate custom solutions into the development pipeline enabling flexibility in robotics programming Robotics simulator Explore how robotics simulators allow for testing and validation of robot behaviors and systems in a safe controlled virtual environment before realworld implementation Tandy Trower Gain insights into the leadership of Tandy Trower and his contributions to the evolution of the Microsoft Robotics Developer Studio FlexSim Learn how FlexSim provides simulation solutions that are essential in testing robotic systems and their applications across various industries VIPLE This chapter explains the Visual Programming Language for Education VIPLE aimed at simplifying the development of educational robotics applications AirSim AirSim is explored here showcasing its role in simulating drones and other unmanned aerial vehicles for robotics development Visual Basic NET Learn how Visual Basic NET is used for creating robotics applications with a focus on ease of use and rapid development cycles CBuilder Discover how CBuilder simplifies the creation of highperformance applications in robotics offering seamless integration with Microsoft tools Microsoft Foundation Class Library This chapter focuses on using the Microsoft Foundation Class Library MFC for creating userfriendly graphical interfaces for robotics systems C99 Understand the role of the C99 programming language in robotics emphasizing portability and efficiency in lowlevel system development Microsoft SharePoint 2013 Pocket Guide Ben Curry, 2013-08-16 This is your most concise practical reference to deploying configuring and running SharePoint 2013 Perfect for admins at all levels it covers both technical topics and business solutions SharePoint MVP Ben Curry focuses on

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