



**SPFx**

# Getting Started with SharePoint Framework Development using TypeScript, PnP JS and React JS



Priyaranjan KS

# Getting Started With Sharepoint Framework Development

**Rodrigo Pinto**



## **Getting Started With Sharepoint Framework Development:**

**Getting Started with SharePoint Framework (SPFx)** Vipul Jain, 2020-05-16 Step by step guide to learn SharePoint Framework DESCRIPTION SharePoint Framework is the new option for developing SharePoint solutions In this book you will learn the basic concepts of SharePoint Framework how you can create modern solutions using modern open source toolchain and JavaScript frameworks You will also learn how you can work with SharePoint lists and libraries and can implement CRUD create read update and delete operations Later you will also learn how you can work with third party libraries in SPFx solutions and can create real world solutions In the end you will find some frequently asked questions to work effectively with the SharePoint Framework This book will give you in depth knowledge of SharePoint Framework by learning many real time examples in SharePoint Online based on the latest versions of SharePoint Framework KEY FEATURES Get an overview of the modern toolchain node based development React JS and SharePoint Framework Understand how all the concepts covered in the book can be put to use in developing or building real time applications using SharePoint Framework A Step by Step easy to understand guide for beginners to understand the working of SharePoint Framework WHAT WILL YOU LEARN Learn the basics of SharePoint Framework and modern toolchain Understand the structure files and folders of a SharePoint Framework web part project Implement web part property panes and develop client side SharePoint Framework web parts Integrate third party libraries like jQuery in SharePoint Framework web part Develop SharePoint Framework extensions which include Application Customizer Field Customizer and ListView Command Set extension Develop library component type in SharePoint Framework WHO THIS BOOK IS FOR The book is for SharePoint developers Technical specialists Consultants It is also for beginners who are about to start their SharePoint development journey Basic web development knowledge including HTML JavaScript and CSS is a prerequisite TABLE OF CONTENTS 1 Getting started with SharePoint Framework 2 Develop first client side web part 3 Understanding SharePoint Framework Web Part project structure 4 Working with SharePoint Objects 5 Working with SPFx Web Part Property Pane 6 Different hosting options for SPFx Web Part 7 CRUD operations with different JavaScript frameworks 8 Logging and Debugging in SPFx web parts 9 SharePoint Framework Web part Examples 10 Overview of SharePoint Framework Extensions 11 Library Component Type in Sharepoint framework 12 Frequently Asked Questions in SharePoint Framework *SharePoint Development with the SharePoint Framework* Jussi Roine, Olli Jaaskelainen, 2017-09-29 Design and create beautiful solutions using modern development tools for SharePoint 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

**Practical SharePoint Framework (SPFx) Development** Franck Cornu, Anoop T., 2025-06-27 Unlock the full potential of the SharePoint Framework with expert led guidance practical use cases and insider tips to build high quality business solutions beyond what official documentation offers Key Features Learn how SPFx integrates with tools such as SharePoint Teams Outlook and Viva within Microsoft 365 Explore all the capabilities of the SharePoint Framework including Web Parts extensions and library components Discover best practices and advanced development techniques for SPFx Purchase of the print or Kindle book includes a free PDF eBook Book Description The SharePoint Framework SPFx has revolutionized how developers create custom solutions for Microsoft 365 Whether you're building Web Parts extensions or full fledged applications mastering SPFx is essential for delivering modern and scalable SharePoint solutions Authored by experienced SPFx developers this book serves as a comprehensive guide to developing with SPFx offering practical examples structured guidance and best practices You'll start by understanding the Microsoft SharePoint and Microsoft 365 ecosystem before exploring hands on development with SPFx You'll learn how to create Web Parts work with the property pane connect to APIs deploy solutions and implement different types of extensions Additionally the book covers debugging testing and upgrading solutions efficiently By the end of this book you'll be able to confidently build deploy and manage SharePoint solutions using SPFx while leveraging community tools and libraries to enhance development efficiency What you will learn Set up your machine and Microsoft 365 tenants to build SPFx solutions Understand and build SPFx web parts and extensions Share and

reuse common code through SPFx library components Consume SharePoint Microsoft Graph Entra ID secured and anonymous APIs Automate solutions deployment with Azure DevOps pipelines or GitHub actions Speed up your SPFx development with community tools and libraries Publish and manage solutions on SharePoint AppSource Who this book is for This book is ideal for experienced web developers looking to build modern SharePoint solutions using the SharePoint Framework Basic knowledge of JavaScript TypeScript and Microsoft 365 will be beneficial Familiarity with the SharePoint ecosystem will come in handy but is not essential Existing SPFx developers who want to refresh their skills and get up to date with the latest features will also benefit from this book **Mastering Sharepoint Framework** Nanddeep

Nachan,2019-11-27 A step by step guide to acquire knowledge of the SharePoint Framework SPFx build it from scratch and gradually move towards developing practical examples DESCRIPTION SharePoint is continuously evolving and it has offered the SharePoint Framework as a new development model to extend the modern SharePoint user interface The development paradigm has shifted from the server side to the client side development involving various open source tooling and modern toolchain As a result relevant technical expertise and analytical skills are required to do such tasks This book aims to equip you with enough knowledge of the SharePoint Framework in conjunction with skills to use powerful tools such as Node js npm Yeoman Gulp TypeScript and so on to succeed in the role of a SharePoint developer The book starts with a brief introduction to the SharePoint evolution across versions and the rise of the SharePoint Framework and the opportunities you may come across along with an overview of the key topics covered in the book You will learn how to set up the SharePoint Framework Before diving into several supervised unsupervised and other practical use cases of the SharePoint Framework you will learn how to develop SharePoint Framework solutions using React JS Angular JS Knockout JS and PnP JS and utilize third party npm packages You will learn various methodologies to deploy the SharePoint Framework solutions implement best practices upgrade techniques build custom components and continuous integration and delivery pipelines for SharePoint Framework solutions with Azure DevOps KEY FEATURES Master the concept of the SharePoint Framework SPFx Learn how to use various JavaScript libraries and frameworks with the SharePoint Framework Deploy SPFx solutions into CDNs Azure Storage and O365 Public CDN Learn SharePoint operations with SPFx Consume the Microsoft Graph and third party APIs in SPFx Upgrade solutions from deployment scenarios Continuous integration and delivery pipelines for the SharePoint Framework solutions with Azure DevOps Develop practical scenarios WHAT WILL YOU LEARN By the end of the book you will come across a few case studies to put your knowledge gained into practice and solve real life business problems such as building custom components such as web parts and extensions You will learn how to consume the Microsoft Graph and third party APIs develop Custom App Pages implement Library Components extend MS Teams with SPFx and implement CI CD pipelines for the SharePoint Framework solutions with Azure DevOps Remember to practice examples provided as the code bundle for each chapter in this book to master these techniques WHO THIS BOOK IS FOR The book is intended for anyone

looking for a career in modern SharePoint all aspiring SharePoint developers who want to learn the most powerful technique to extend the SharePoint user interface or working professionals who want to switch their career in SharePoint While no prior knowledge of SharePoint open source tooling and modern toolchain or related technologies is assumed it will be helpful to have some programming experience

Table of Contents

- 1 Getting Started with SharePoint Framework
- 2 Develop Your First SPFx Web Part
- 3 SPFx Web Part Property Pane
- 4 Custom Controls for Web Part Property Pane
- 5 PnP Controls for Web Part Property Pane
- 6 CSS Considerations
- 7 Configure SPFx Web Part Icon
- 8 Examine SPFx Web Parts on Modern SharePoint
- 9 Host SPFx Web Parts from MS Azure CDN
- 10 Host SPFx Web Parts from Office 365 Public CDN
- 11 Host SPFx Web Parts from SharePoint Document Library
- 12 Integrating jQuery with SPFx Web Parts
- 13 CRUD Operations with No Framework
- 14 CRUD Operations with React JS
- 15 CRUD Operations with Angular JS
- 16 CRUD Operations using Knockout JS
- 17 CRUD Operations with SP PnP JS
- 18 Transition to pnp sp from sp pnp js
- 19 SPFx Development with React JS
- 20 React Lifecycle Events in SPFx
- 21 AutoBind Control Events in SPFx
- 22 Partial State Update for React based SPFx WebParts
- 23 Using Office UI Fabric in SPFx
- 24 Provision SharePoint Assets in SPFx Solution
- 25 Connect to MS Graph API with MSGraphClient
- 26 Connect to MS Graph API with AadHttpClient
- 27 SPFx Logging Mechanism
- 28 Debug SPFx Solutions
- 29 Overview of SPFx Extensions
- 30 SPFx Extension Application Customizer
- 31 Extend Application Customizer with React Components
- 32 SPFx Extension Field Customizer
- 33 SPFx Extension ListView Command Set
- 34 Anonymously Call MS Azure Functions
- 35 Securing Azure Function with Azure Active Directory
- 36 Consume Azure AD Secured Function with SPFx
- 37 Implementing Separation of Concerns SoC
- 38 Localization Support for SPFx
- 39 Office 365 CLI
- 40 SPFx Solutions Upgrade
- 41 SPFx Solution Upgrade with Office 365 CLI
- 42 Common Issues and Resolutions with Upgrading npm Packages
- 43 Extend MS Teams with SPFx
- 44 Library Component Type
- 45 Develop Custom App Pages with SPFx
- 46 Optimizing SPFx Solutions
- 47 Unit Test with Jest and Enzyme
- 48 DevOps For SPFx
- 49 Query User Profile Details
- 50 Query SP Search Results
- 51 React based Tree view
- 52 React based Carousel
- 53 React based Organogram
- 54 Integrating Adaptive Cards with SPFx
- 55 Integrating Google API with SPFx
- 56 SPFx Development with SharePoint On Premises

**Mastering Sharepoint Framework** Nachan Nanddeep,2019-11-29

A step by step guide to acquire knowledge of the SharePoint Framework SPFx build it from scratch and gradually move towards developing practical examples

Key feature

- Master the concept of the SharePoint Framework SPFx
- Learn how to use various JavaScript libraries and frameworks with the SharePoint Framework
- Deploy SPFx solutions into CDNs Azure Storage and O365 Public CDN
- Learn SharePoint operations with SPFx
- Consume the Microsoft Graph and third party APIs in SPFx
- Upgrade solutions from deployment scenarios
- Continuous integration and delivery pipelines for the SharePoint Framework solutions with Azure DevOps
- Develop practical scenarios

Description

SharePoint is continuously evolving and it has offered the SharePoint Framework as a new development model to extend the modern SharePoint user interface The development paradigm has shifted from the server side to the client side development involving various open source tooling and modern

toolchain As a result relevant technical expertise and analytical skills are required to do such tasks This book aims to equip you with enough knowledge of the SharePoint Framework in conjunction with skills to use powerful tools such as Node js npm Yeoman Gulp TypeScript and so on to succeed in the role of a SharePoint developer The book starts with a brief introduction to the SharePoint evolution across versions and the rise of the SharePoint Framework and the opportunities you may come across along with an overview of the key topics covered in the book You will learn how to set up the SharePoint Framework Before diving into several supervised unsupervised and other practical use cases of the SharePoint Framework you will learn how to develop SharePoint Framework solutions using React JS Angular JS Knockout JS and PnP JS and utilize third party npm packages You will learn various methodologies to deploy the SharePoint Framework solutions implement best practices upgrade techniques build custom components and continuous integration and delivery pipelines for SharePoint Framework solutions with Azure DevOps What will you learn By the end of the book you will come across a few case studies to put your knowledge gained into practice and solve real life business problems such as building custom components such as web parts and extensions You will learn how to consume the Microsoft Graph and third party APIs develop Custom App Pages implement Library Components extend MS Teams with SPFx and implement CI CD pipelines for the SharePoint Framework solutions with Azure DevOps Remember to practice examples provided as the code bundle for each chapter in this book to master these techniques Who this book is for The book is intended for anyone looking for a career in modern SharePoint all aspiring SharePoint developers who want to learn the most powerful technique to extend the SharePoint user interface or working professionals who want to switch their career in SharePoint While no prior knowledge of SharePoint open source tooling and modern toolchain or related technologies is assumed it will be helpful to have some programming experience

Table of contents

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- 5 PnP Controls for Web Part Property Pane
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- 7 Configure SPFx Web Part Icon
- 8 Examine SPFx Web Parts on Modern SharePoint
- 9 Host SPFx Web Parts from MS Azure CDN
- 10 Host SPFx Web Parts from Office 365 Public CDN
- 11 Host SPFx Web Parts from SharePoint Document Library
- 12 Integrating jQuery with SPFx Web Parts
- 13 CRUD Operations with No Framework
- 14 CRUD Operations with React JS
- 15 CRUD Operations with Angular JS
- 16 CRUD Operations using Knockout JS
- 17 CRUD Operations with SP PnP JS
- 18 Transition to pnp sp from sp pnp js
- 19 SPFx Development with React JS
- 20 React Lifecycle Events in SPFx
- 21 AutoBind Control Events in SPFx
- 22 Partial State Update for React based SPFx WebParts
- 23 Using Office UI Fabric in SPFx
- 24 Provision SharePoint Assets in SPFx Solution
- 25 Connect to MS Graph API with MSGraphClient
- 26 Connect to MS Graph API with AadHttpClient
- 27 SPFx Logging Mechanism
- 28 Debug SPFx Solutions
- 29 Overview of SPFx Extensions
- 30 SPFx Extension Application Customizer
- 31 Extend Application Customizer with React Components
- 32 SPFx Extension Field Customizer
- 33 SPFx Extension ListView Command Set
- 34 Anonymously Call MS Azure Functions
- 35 Securing Azure Function with Azure Active Directory
- 36

Consume Azure AD Secured Function with SPFx37 Implementing Separation of Concerns SoC 38 Localization Support for SPFx39 Office 365 CLI 40 SPFx Solutions Upgrade41 SPFx Solution Upgrade with Office 365 CLI42 Common Issues and Resolutions with Upgrading npm Packages43 Extend MS Teams with SPFx44 Library Component Type 45 Develop Custom App Pages with SPFx46 Optimizing SPFx Solutions47 Unit Test with Jest and Enzyme48 DevOps For SPFx49 Query User Profile Details50 Query SP Search Results51 React based Tree view52 React based Carousel53 React based Organogram54 Integrating Adaptive Cards with SPFx55 Integrating Google API with SPFx56 SPFx Development with SharePoint On Premises

About the author Nanddeep Nachan is a results oriented Technology Architect with over 14 years of experience in Microsoft Technologies especially in SharePoint Office 365 MS Azure and Dot Net He is experienced in the design implementation configuration and maintenance of several large scale projects He focuses on architectural design and implementation website design and development complete application development cycles and NET technologies He has been working with SharePoint since the last 14 years and has exposure to SharePoint versions starting from SharePoint 2007 MOSS He is a CSM Certified Scrum Master Microsoft Certified Professional with certifications in SharePoint MS Azure Office 365 and NET He is a 2 time C Corner MVP and an author as well He is a regular speaker at various events He is also a creative technically sound photographer with experience in custom and specialized photography He is an active contributor to SharePoint Patterns and Practices <https://github.com/SharePoint> and C Corner <http://www.c-sharpcorner.com> His Blog links <https://www.c-sharpcorner.com/members/nanddeep-nachan/articles> His LinkedIn Profile <https://www.linkedin.com/in/nanddeepnachan>

Beginning SharePoint 2010 Development Steve Fox, 2010-05-14 Discover how to take advantage of the many new features in SharePoint 2010 SharePoint 2010 is a significant leap forward from the 2007 release and you will find that there are a ton of features built into the platform for you to leverage in your solution development Because SharePoint is a broad platform that covers a lot this book also covers quite a bit of ground As a Wrox Beginning book the goal of Beginning SharePoint 2010 Development is to get you started with many of the fundamentals so that you can continue on to advanced programming beyond this book The book's goal is to quickly take you from the basics of SharePoint to installing and configuring a development environment and then into how you can develop for SharePoint The book is heavy on coding exercises but tries to stick to a common set of NET patterns to ensure you walk away with understanding the different ways in which you can code for SharePoint Moving from beginning to advanced means that you can expect the walkthroughs and chapters to become increasingly more complex within each chapter and throughout the book The walkthroughs have been created to be concise and to guide you through all of the steps you must accomplish to complete a coding task Beginning SharePoint 2010 Development is aimed at the developer who is new to SharePoint The book assumes you have some programming experience and a passion to learn how to develop for SharePoint But this book does not assume that you've programmed against SharePoint before With regard to your general development background the two assumptions in this

book are that you have some familiarity with Web development and you have an understanding of NET programming With regard to Web development this book assumes that you understand HTML and may have an understanding of Cascading Style Sheets CSS Extensible Markup Language Extensible Stylesheet Language XML XSL and dynamic languages such as JavaScript You may have a light understanding of ASP NET and are looking to apply this knowledge to the SharePoint space In any case you have some understanding of the fundamentals of Web and NET development and are looking to apply those to the SharePoint space

**Implementing Microsoft SharePoint 2019** Lewin Wanzer,Angel Wood,2020-12-30 Bring on premise and cloud collaboration features to life with Microsoft s enterprise content management platform SharePoint Server Key FeaturesGet up to speed with the latest version of SharePoint and make the most of its featuresSet up and effectively manage your SharePoint Farm in the cloud or on premiseLearn how to align your development tools and cloud infrastructure to support collaborationBook Description Microsoft s latest addition to their product range SharePoint Server 2019 is a new enterprise content management platform that brings on premise collaboration features to life It can be used as an isolated platform or in a hybrid connected configuration providing management and connectivity to Office 365 You can use the SharePoint framework to host sites information data and applications in a robust CMS that centralizes collaborative content for enterprises SharePoint 2019 enables new integrations and features that will allow you to work seamlessly with new and old Office products such as Microsoft Power Apps and other Microsoft Office applications Implementing Microsoft SharePoint 2019 will help you understand the challenges planning migration steps installation concepts and configuration involved in providing this platform for your enterprise The book will also show you what the platform brings to the table from an on premise server perspective If you re new to SharePoint 2019 you ll also be guided through how to get servers up and running so that you and your user community can become productive with this powerful new platform By the end of this book you ll be well versed in Microsoft SharePoint 2019 and have the knowledge you need to apply your skills in the real world What you will learnUnderstand changes to the platform and how to migrate from other versions of SharePointExplore infrastructure planning and governance relating to collaborative environmentsInstall and configure network components servers and desktopsUse SharePoint services and other Microsoft product servers and appsMonitor and troubleshoot SharePoint after it is implementedDiscover the tools that can be used with SharePoint 2019 for BI and reportingDelve into social features and collaborationMaintain monitor and support the rollout of the platform in your enterpriseWho this book is for The book is for SharePoint administrators developers and architects who have some experience in designing planning implementing and managing SharePoint Farms

**SharePoint 2010 as a Development Platform** Joerg Krause,Martin Dring,Christian Langhirt,Bernd Pehlke,Alexander Sterff,Andrew Krause,2010-12-28 SharePoint is gaining recognition as a full fledged application server with many features and enhancements that specifically allow non developers to create sophisticated intranet sites However with the 2010 release Microsoft s SharePoint increasingly becomes a compelling development

platform The strong application programming interface API its highly extensible nature and its foundation on the underlying NET Framework all generate the perfect storm to make it one of the most powerful web development platforms available However with power comes complexity The wide range of usage scenarios make it difficult for developers to grasp the full ability of this next generation platform This book takes an in depth all encompassing approach to programming concepts the extensibility interfaces and how to embrace SharePoint as a toolkit full of features available to web developers Take an in depth look into the internals of SharePoint Create sophisticated applications using SharePoint controls and databases Understand the API and use in conjunction with ASP NET to extend SharePoint SharePoint is more than a portal and more than an intranet Harness its capabilities and put it to work for you [Mastering Microsoft 365 and SharePoint Online](#)

Rodrigo Pinto, 2024-12-13 Unlock the full potential of Microsoft 365 and SharePoint Online to streamline collaboration enhance productivity and drive organizational efficiency in today's fast paced digital landscape Key Features Tackle real Microsoft 365 and SharePoint challenges from automating repetitive tasks and streamlining collaboration to boosting security Increase efficiency by optimizing workflows automating processes and managing your data with ease Master essential skills with step by step guidance on tenant configuration document management user permissions and more Purchase of the print or Kindle book includes a free PDF eBook Book Description Mastering Microsoft 365 and SharePoint Online is an essential guide for businesses aiming to optimize operations and maintain a competitive edge This comprehensive resource provides a systematic roadmap for navigating the complexities of Microsoft 365 and SharePoint Online guided by enterprise architect and Microsoft 365 MVP Rodrigo Pinto who is renowned for his innovative productivity enhancing development strategies Through real world examples and expert insights you'll learn how to create efficient workflows manage user access implement robust security measures and leverage automation to streamline your processes You'll get to grips with using Power Automate Power Apps and Power BI to automate repetitive tasks build custom applications and visualize your data This book focuses on SharePoint Online's role in document management and team collaboration covering structure planning processes automation implementing robust security measures and maintaining compliance aligned with your business needs It also provides strategies and case studies for migrating to Microsoft 365 and SharePoint Online and explores future trends and useful tips on implementation collaboration DevOps Microsoft 365 development and IT management By the end of this book you'll acquire the necessary skills to maximize productivity collaboration and efficiency in your digital workspace What you will learn Configure the Microsoft 365 platform to meet your organization's unique needs Create sites document libraries lists and metadata to organize and manage your content within Microsoft SharePoint Online Use Power Automate and PowerApps to create efficient workflows and custom applications Implement robust security measures and compliance in line with industry regulations Plan and execute a successful migration to Microsoft 365 Adopt best practices for external collaboration DevOps Microsoft 365 development and IT

management Who this book is for This book is for business professionals IT administrators enterprise developers and anyone with limited experience using these platforms looking to navigate the intricacies of Microsoft 365 and SharePoint Online to ensure maximum efficacy and productivity in their work Basic familiarity with Microsoft 365 and SharePoint is required

*MS SQL Server 2014* Marco Skulschus, Marcus Wiederstein, 2015-08-03 Inhalt Der MS SQL Server ist die Standard DB für NET Anwendungen und Microsoft basierte Systeme Dieses Buch zeigt DB Entwicklern und DB Administratoren wie sie mit Hilfe von T SQL und MS SQL Server Tools eine Datenbank und DB Objekte aufbauen und verwalten sowie DB interne Logik mit Prozeduren Funktionen und Triggern implementieren Administrationsaufgaben wie Optimierung und Tuning Sicherheit und Backup Recovery werden ebenfalls behandelt Zielgruppe Das Buch richtet sich an IT Fachanwender innen und DB Entwickler innen die den MS SQL Server einrichten und administrieren wollen sowie mit T SQL programmierbare Objekte wie Prozeduren Funktionen und Trigger in der Datenbank erstellen wollen Sie kennen bereits mit T SQL Abfragen und Analysen durchführen und haben Grundkenntnisse des SQL Servers und des relationalen Modells Themen bersicht zum MS SQL Server System und seinen Werkzeugen T SQL für DB Objekte ihre Verwaltung und ihre Speicherstrukturen T SQL für Funktionen Prozeduren und Trigger Optimierung und Tuning von Abfragen und Strukturen Administration Betrieb und Sicherheit Backup und Recovery Administration ber Tools und T SQL Internet Auf der Webseite zum Buch finden Sie alle T SQL Dateien zum Download Die Beispiel DB AdventureWorks ist beim Codeplex Portal verfügbar Autor Marco Skulschus MCDBA MCSD und Marcus Wiederstein MCDBA MCSD MCSE arbeiten als Projektleiter Trainer und Berater bei der Comelio GmbH Sie haben zusammen im Datenbankbereich bereits Bücher zu MS SQL Server und zu Oracle veröffentlicht Sie beschäftigen sich seit der Version 2000 mit dem MS SQL Server für betriebswirtschaftliche Anwendungen und Business Intelligence Systeme Verlag Comelio Medien gehört zur Comelio GmbH einem international arbeitenden IT Systemhaus Er bietet den Mitarbeitern der Comelio GmbH und externen Autoren die Gelegenheit Themenbereiche aus ihren Aufträgen in den Bereichen Beratung Entwicklung oder Schulung in Buchform aufzubereiten Comelio bietet betriebswirtschaftliche Software und Business Intelligence sowie IT Offshoring an Das erste Kapitel zeigt wie man eine Datenbank und ihre Bestandteile einrichtet Hierunter fallen die Datenbank selbst und natürlich Tabellen und ihre Bestandteile wie Spalten und Schlüssel für Tabellen bzw Verknüpfungen zwischen den Tabellen Große Datenbanken erfordern es dass Daten nicht in der gleichen Datenbank Datei gespeichert werden sondern dass man spezialisierte Speicherstrukturen Dateien in Dateigruppen erstellt und dafür entweder nach und nach oder schon zu Beginn die entsprechenden Objekte erstellt Sie lernen wie Sie diese Strukturen sowohl über T SQL und auch über die grafischen Werkzeuge erstellen und verwalten können Das zweite Kapitel zeigt wie man mit T SQL und in Maßen auch über die Oberfläche Daten in der Datenbank pflegt dh Daten eingefügt und auch wieder löscht Dazu gehört es auch Daten massenweise zu importieren und zu exportieren wozu der MS SQL Server verschiedene grafische Werkzeuge und sogar ein eigenes Modul in Form der Integration Services bereit stellt Sie lernen

diese Werkzeuge kennen und verwenden Das dritte Kapitel beschäftigt sich mit der Optimierung der Datenbank und vermittelt Ihnen die Konzepte von Indizierung und Tuning Dazu zählt auch die Datenbank auf ihre Leistung hin zu analysieren und die geschätzten und tatsächlichen Ausführungspläne von Abfragen zu verwenden Der MS SQL Server stellt für diese Fragestellungen einmal einen Optimierungsratgeber Database Tuning Advisor und für die Abfrage eine Visualisierung der SQL Ausführung bereit über die Oberfläche des Management Studios und natürlich auch mit T SQL kann man dann die notwendigen Maßnahmen ergreifen um die Datenbank optimal aufzubauen oder nachträglich zu verbessern Das vierte Kapitel konzentriert sich auf die Darstellung einiger wesentlicher administrativer Aspekte wie das Sicherheitskonzept des MS SQL Servers Sie lernen die Elemente wie Anmeldung Benutzer und Rolle kennen und sehen wie Sie diese Elemente über die Oberfläche und T SQL erstellen Darüber hinaus sehen Sie in verschiedenen Beispielen wie sich Sicherheitseinstellungen bei der Verwendung der Datenbank für die Benutzer auswirkt Das fünfte Kapitel bietet eine Einführung in die SQL Erweiterung von MS SQL Server mit dem Namen Transact SQL T SQL Zwar gibt es in den vorherigen Kapiteln bereits verschiedene Beispiele die mit einfachen Mitteln von T SQL operieren doch die Erstellung von Variablen die Verwendung und die Auswahl von geeigneter Datentypen die Erstellung und Nutzung von Cursors die Behandlung von Fehlern oder anderen allgemeinen Programmiertechniken ist diesem Kapitel vorbehalten Das sechste Kapitel setzt die Themen aus dem vorherigen Kapitel fort und zeigt Ihnen wie Sie mit Hilfe von T SQL nicht nur ausführbare Skripte entwickeln sondern programmierbare Objekte erstellen Funktionen und Prozeduren Diese lassen sich dann entweder in größeren T SQL Anwendungen nutzen oder im Falle von Funktionen direkt in T SQL Abfragen oder im Falle von Prozeduren auch aus Programmiersprachen wie NET Java und PHP Die Datenbank bietet somit nicht nur Daten sondern auch bis zu einem gewissen Grad die Verarbeitungslogik für diese Daten Das siebte Kapitel greift noch einmal die Entwicklung von Verarbeitungslogik auf wobei hier die Automatisierung von administrativen Aufgaben oder bei der Datenpflege im Vordergrund steht Sie sehen also wie man mit T SQL Trigger programmiert die auf vorab definierte Ereignisse reagieren oder Datenbank Jobs einrichten die zeitgesteuert ablaufen und entweder einzelne T SQL Kommandos oder Prozeduren ausführen können

*Professional SharePoint 2010 Development*  
Thomas Rizzo, Reza Alirezai, Jeff Fried, Paul Swider, Scot Hillier, Kenneth Schaefer, 2012-03-06 Updated guidance on how to take advantage of the newest features of SharePoint programmability More than simply a portal SharePoint is Microsoft's popular content management solution for building intranets and websites or hosting wikis and blogs Offering broad coverage on all aspects of development for the SharePoint platform this comprehensive book shows you exactly what SharePoint does how to build solutions and what features are accessible within SharePoint Written by a team of SharePoint experts this new edition offers an extensive selection of field tested best practices that shows you how to leverage the vast power of this multifaceted tool to build custom workflow and content management applications Plus you'll discover how to take advantage of the new features to roll out new SharePoint sites or upgrade existing sites Keeps you thoroughly up to date on all the most

recent changes to SharePoint 2010 Reveals broad and deep coverage of social media features content management applications enterprise search business connectivity services user experience development and custom workflow Examines SharePoint Server 2010 vs SharePoint Foundation Server Highlights ways you can take advantage of improvements to offline and mobile client capabilities improvements to SQL Server table support Cloud based offerings with Azure integration social networking additions and more Professional SharePoint 2010 Development Second Edition presents you with authoritative coverage on all aspects of development for the SharePoint platform      **Microsoft 365 and SharePoint Online Cookbook** Gaurav Mahajan,Sudeep Ghatak,2020-06-26 With over 100 practical recipes that offer extensive coverage of Microsoft Office 365 learn how to enhance collaboration implement robotic process automation and develop business intelligence for your organization Key Features Gain a complete overview of popular Office 365 services using practical recipes and expert insights Collaborate with your team effectively using SharePoint Online and MS Teams Purchase of the print or Kindle book includes a free eBook in the PDF format Book Description Microsoft Office 365 provides tools for managing organizational tasks like content management communication report creation and business automation processes With this book you ll get to grips with popular apps from Microsoft enabling workspace collaboration and productivity using Microsoft SharePoint Online Teams and the Power Platform In addition to guiding you through the implementation of Microsoft 365 apps this practical guide helps you to learn from a Microsoft consultant s extensive experience of working with the Microsoft business suite This cookbook covers recipes for implementing SharePoint Online for various content management tasks You ll learn how to create sites for your organization and enhance collaboration across the business and then see how you can boost productivity with apps such as Microsoft Teams Power Platform Planner Delve and M365 Groups You ll find out how to use the Power Platform to make the most of Power Apps Power Automate Power BI and Power Virtual Agents Finally the book focuses on the SharePoint framework which helps you to build custom Teams and SharePoint solutions By the end of the book you will be ready to use Microsoft 365 and SharePoint Online to enhance business productivity using a broad set of tools What you will learn Get to grips with a wide range of apps and cloud services in Microsoft 365 Discover how to use SharePoint Online to create and manage content Store and share documents using SharePoint Online Improve your search experience with Microsoft Search Leverage the Power Platform to build business solutions with Power Automate Power Apps Power BI and Power Virtual Agents Enhance native capabilities in SharePoint and Teams using the SPFx framework Use Microsoft Teams to collaborate with colleagues or external users Who this book is for This book is for business professionals IT administrators enterprise developers and architects and anyone who wants to get to grips with using MS 365 for the effective implementation of Microsoft apps Prior experience with Office 365 and SharePoint will assist with understanding the recipes effortlessly but is not required      *Pro ASP.NET SharePoint 2010 Solutions* Dave Milner,2011-08-13 You ve run into this issue numerous times You are developing an ASP NET application and you need to incorporate functionality that

comes pre packaged in SharePoint Wikis blogs document management user authentication access management common needs across a variety of solutions Without guidance and examples interacting with underlying SharePoint components can be challenging and working with the different SharePoint APIs is complicated This book will introduce you to a variety of techniques to master the art of developing ASP NET applications that are built upon a SharePoint foundation With these techniques you can start using SharePoint as a development platform to enhance and complement your ASP NET development You ll explore Integration with SharePoint components The SharePoint NET IIS implementation Configuration management Code Access Security Feature packaging Proper use of SharePoint APIs Advanced deployment techniques Pro ASP NET Sharepoint 2010 walks you through all of the steps needed to successfully build and deploy ASP NET solutions within the SharePoint platform You ll then be able to greatly enhance your applications and build unique solutions that are a mixture of SharePoint and ASP NET

Custom SharePoint Solutions with HTML and JavaScript Brandon Atkinson,2015-03-16 The content and screenshots in this book are based on SharePoint 2013 The techniques shown can also be applied to SharePoint 2016 Custom SharePoint Solutions with HTML and JavaScript shows you how to build and customize SharePoint solutions to suit a wide range of business needs You don t need a background in Microsoft technologies you ll learn how to rapidly build and customize sites entirely on the front end starting with out of the box features and extending them with HTML and JavaScript code The book starts with an introduction to working with SharePoint on the front end and how this can help you avoid common pitfalls associated with deploying custom code on the server You ll start by using SharePoint s browser based tools to place and manipulate out of the box web parts on a page Then learn to inject some simple HTML and JavaScript to manipulate these web parts and use JSLink to rapidly style and manipulate data in the List web part You ll also see examples of how to build your own custom web parts using HTML JavaScript and CSS For those who want to dive deeper into JavaScript on SharePoint chapters cover working directly with built in JavaScript methods and properties and the JavaScript object model JSOM and how to work with the powerful new REST API which gives you the ultimate flexibility over what you do with your data Whatever your background whether it s web development working with SharePoint on the server side or if you re a SharePoint user looking to learn new skills Custom SharePoint Solutions with HTML and JavaScript will show you how to get what you want from SharePoint quickly and reliably

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Yammer Finally you ll learn to develop data governance and user adoption strategies By the end of this book you ll be well versed with SharePoint Online and have learned the essential techniques and concepts you need to know in order to pass the MS 300 certification exam What you will learn Discover the different Microsoft services and features that make up Office 365 Configure cloud services for your environment and extend your infrastructure s capabilities Understand site architecture site settings and hub settings in SharePoint Online Explore business connectivity services for view and access options in SharePoint Online Configure Yammer to integrate with Office 365 groups SharePoint and Teams Deploy SharePoint Online OneDrive for Business and Microsoft Teams successfully including bots and connectors Who this book is for This book is for SharePoint developers administrators or those who want to explore Microsoft s teamwork solution platforms and pass the certification exam to boost their career as Microsoft Teamwork Administrator Associates Anyone who has achieved Microsoft s entry level admin certification and wants to progress to intermediate certification will also find this book useful

**Professional SharePoint 2010 Cloud-Based Solutions** Steve Fox, Girish Raja, Paul Stubbs, Donovan

Follette, 2011-11-14 An authoritative guide to extending SharePoint s power with cloud based services If you want to be part of the next major shift in the IT industry you ll want this book Melding two of the hottest trends in the industry the widespread popularity of the SharePoint collaboration platform and the rapid rise of cloud computing this practical guide shows developers how to extend their SharePoint solutions with the cloud s almost limitless capabilities See how to get started discover smart ways to leverage cloud data and services through Azure start incorporating Twitter or LinkedIn into your solutions find the best ways to secure everything and much more Shows developers how to use Microsoft SharePoint 2010 to create scalable cloud based solutions Melds the hottest new trend in the industry developing hosting managing or storing code in the cloud with what SharePoint developers need to know to weave these technologies into their solutions Provides developer patterns real world examples and invaluable walkthroughs Topics include SQL Azure for data management and BI building an Azure based corporate tax service connecting Linked In and SharePoint profile data creating a filterable Twitter dashboard leveraging Bing Maps Geo services maintaining security and more SharePoint developers discover exciting new ways to extend SharePoint s functionality with this practical and content rich guide [SharePoint 2010 Development with Silverlight](#) Bob German, Paul Stubbs, 2012 This book is for every SharePoint developer who wants to build state of the art solutions with Silverlight within the enterprise for consulting clients or for commercial sale Developers increasingly want to build rich applications that run in the SharePoint 2010 browser user interface while offering a far more compelling and engaging experience than conventional web pages One proven technology gives them all the tools and resources they need to achieve these goals Silverlight Using Silverlight and SharePoint together developers can create state of the art applications that utilize Silverlight s outstanding user experience and fully leverage the vast collections of business data already stored in corporate SharePoint deployments In SharePoint 2010 Development with Silverlight two SharePoint

gurus collaborate to teach all the concepts and techniques needed to create robust Silverlight solutions for delivery through SharePoint 2010 and present fully documented code that demonstrates superior design and programming Bob German and Paul Stubbs draw on their extensive experience developing custom SharePoint business solutions with Silverlight and presenting on these technologies at leading Microsoft developer events Writing for both experienced and new SharePoint developers they quickly review the fundamentals of both SharePoint and Silverlight development and then demonstrate how to use both platforms together to build uniquely powerful solutions These include Simple and connected Silverlight Web Parts Chapter 5 and Silverlight Web Part Editing Chapters 7 and 10 Advanced use of the SharePoint Client Object Model including dynamic loading paging and server side exception handling Chapter 8 Use of SharePoint s REST API including paging caching and filtering Chapter 9 Integration with SharePoint search and social networking Chapter 10 Solutions that improve performance and reduce server traffic by passing serialized NET objects on the web page Chapter 7 Use of SharePoint s JavaScript API with JQuery Chapter 7 SharePoint applications for Windows Phone 7 Chapter 12 Integration with Office 365 and Windows Azure tm services Chapter 14 Silverlight field types in SharePoint featuring a mapping field that allows geocoding SharePoint content Chapter 15 Including New Features in Silverlight 5 Silverlight 5 introduces a number of new features such as implicit data templates and debugging data binding that can be very helpful in SharePoint solutions All the examples in this book have been tested with Silverlight 4 some have been extended to showcase the new capabilities in Silverlight 5 See Chapter 3 for a list

**Hands-On Microsoft Lists** Joao Ferreira, Rene Modery, 2021-07-16 Prepare to be a Microsoft Lists advocate and transform the way data is harnessed in your organization Key Features Get to grips with Microsoft Lists and organize your data efficiently Discover best practices and real world scenarios to track information events and issues in your organization Take control of your data by creating custom data models using Microsoft Lists Book Description Microsoft Lists is an extremely flexible and powerful platform for creating custom data models Hands On Microsoft Lists is an easy to read guide for those who want to get started with Lists as well as those who are already familiar with the basic concepts and want to create custom and flexible Lists that are easily available through a web interface This comprehensive introduction to Lists will show you how to get up to speed in no time with the help of practical guidance and examples Complete with hands on tutorials and projects you ll understand how to use and implement Microsoft Lists effectively You ll start by covering all the basic concepts that will help you to build your Microsoft Lists and get the most out of the platform As you progress you ll explore how to customize Microsoft Lists layouts and forms Later chapters will guide you through integrating Microsoft Lists with the Power Platform Throughout the book you ll work with practical scenarios that you can use daily to improve the collaboration in your organization By the end of this Microsoft book you ll have learned how to create custom data models to improve the way your data is put together managed and consumed in your workplace What you will learn Use the Lists platform effectively in the modern workplace Get to grips with data privacy Discover how to

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## **Table of Contents Getting Started With Sharepoint Framework Development**

1. Understanding the eBook Getting Started With Sharepoint Framework Development
  - The Rise of Digital Reading Getting Started With Sharepoint Framework Development
  - Advantages of eBooks Over Traditional Books
2. Identifying Getting Started With Sharepoint Framework Development
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Getting Started With Sharepoint Framework Development
  - User-Friendly Interface
4. Exploring eBook Recommendations from Getting Started With Sharepoint Framework Development
  - Personalized Recommendations
  - Getting Started With Sharepoint Framework Development User Reviews and Ratings
  - Getting Started With Sharepoint Framework Development and Bestseller Lists
5. Accessing Getting Started With Sharepoint Framework Development Free and Paid eBooks
  - Getting Started With Sharepoint Framework Development Public Domain eBooks
  - Getting Started With Sharepoint Framework Development eBook Subscription Services
  - Getting Started With Sharepoint Framework Development Budget-Friendly Options

6. Navigating Getting Started With Sharepoint Framework Development eBook Formats
  - ePub, PDF, MOBI, and More
  - Getting Started With Sharepoint Framework Development Compatibility with Devices
  - Getting Started With Sharepoint Framework Development Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Getting Started With Sharepoint Framework Development
  - Highlighting and Note-Taking Getting Started With Sharepoint Framework Development
  - Interactive Elements Getting Started With Sharepoint Framework Development
8. Staying Engaged with Getting Started With Sharepoint Framework Development
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Getting Started With Sharepoint Framework Development
9. Balancing eBooks and Physical Books Getting Started With Sharepoint Framework Development
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Getting Started With Sharepoint Framework Development
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Getting Started With Sharepoint Framework Development
  - Setting Reading Goals Getting Started With Sharepoint Framework Development
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Getting Started With Sharepoint Framework Development
  - Fact-Checking eBook Content of Getting Started With Sharepoint Framework Development
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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