

Microsoft Dynamics 365 Development Overview

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Inside Microsoft Dynamics AX 2012 R3 - Microsoft Dynamics AX Team 2014

Explores the architecture, components, and tools of Microsoft Dynamics AX 2012 R3, including forms, security, SharePoint integration, workflow infrastructure, reporting, automating tasks and document distribution, and application domain frameworks.

Programming Microsoft Dynamics 365 Business Central - Marije Brummel 2019-04-30

Explore the fundamentals of Dynamics 365 Business Central and the Visual Studio Code development environment with the help of useful examples and case studies
Key Features
Tailor your applications to best suit the needs of your business
Explore the latest features of Business Central with examples curated by industry experts
Integrate Business Central features in your applications with this comprehensive guide
Book Description
Microsoft Dynamics 365 Business Central is a full ERP business solution suite with a robust set of development tools to support customization and enhancement. These tools can be used to tailor Business Central's in-built applications to support complete management functions for finance, supply chain, manufacturing, and operations. Using a case study approach, this book will introduce you to Dynamics 365 Business Central and Visual Studio Code development tools to help you

become a productive Business Central developer. You'll also learn how to evaluate a product's development capabilities and manage Business Central-based development and implementation. You'll explore application structure, the construction of and uses for each object type, and how it all fits together to build apps that meet special business requirements. By the end of this book, you'll understand how to design and develop high-quality software using the Visual Studio Code development environment, the AL language paired with the improved editor, patterns, and features. What you will learn
Programming using the AL language in the Visual Studio Code development environment
Explore functional design and development using AL
How to build interactive pages and learn how to extract data for users
How to use best practices to design and develop modifications for new functionality integrated with the standard Business Central software
Become familiar with deploying the broad range of components available in a Business Central system
Create robust, viable systems to address specific business requirements
Who this book is for
If you want to learn about Dynamics 365 Business Central's powerful and extensive built-in development capabilities, this is the book for you. ERP consultants and managers of Business Central development will also find this book helpful. Although you aren't expected to have worked with Dynamics Business Central,

basic understanding of programming and familiarity with business application software will help you understand the concepts covered in this book.

Dynamic Speech Models - Li Deng 2006-12-01

Speech dynamics refer to the temporal characteristics in all stages of the human speech communication process. This speech “chain” starts with the formation of a linguistic message in a speaker's brain and ends with the arrival of the message in a listener's brain. Given the intricacy of the dynamic speech process and its fundamental importance in human communication, this monograph is intended to provide a comprehensive material on mathematical models of speech dynamics and to address the following issues: How do we make sense of the complex speech process in terms of its functional role of speech communication? How do we quantify the special role of speech timing? How do the dynamics relate to the variability of speech that has often been said to seriously hamper automatic speech recognition? How do we put the dynamic process of speech into a quantitative form to enable detailed analyses? And finally, how can we incorporate the knowledge of speech dynamics into computerized speech analysis and recognition algorithms? The answers to all these questions require building and applying computational models for the dynamic speech process. What are the compelling reasons for carrying out dynamic speech modeling? We provide the answer in two related aspects. First, scientific inquiry into the human speech code has been relentlessly pursued for several decades. As an essential carrier of human intelligence and knowledge, speech is the most natural form of human communication. Embedded in the speech code are linguistic (as well as para-linguistic) messages, which are conveyed through four levels of the speech chain. Underlying the robust encoding and transmission of the linguistic messages are the speech dynamics at all the four levels. Mathematical modeling of speech dynamics provides an effective tool in the scientific methods of studying the speech chain. Such scientific studies help understand why humans speak as they do and how humans exploit redundancy and variability by way of multitiered dynamic processes to enhance the efficiency and effectiveness of human speech

communication. Second, advancement of human language technology, especially that in automatic recognition of natural-style human speech is also expected to benefit from comprehensive computational modeling of speech dynamics. The limitations of current speech recognition technology are serious and are well known. A commonly acknowledged and frequently discussed weakness of the statistical model underlying current speech recognition technology is the lack of adequate dynamic modeling schemes to provide correlation structure across the temporal speech observation sequence. Unfortunately, due to a variety of reasons, the majority of current research activities in this area favor only incremental modifications and improvements to the existing HMM-based state-of-the-art. For example, while the dynamic and correlation modeling is known to be an important topic, most of the systems nevertheless employ only an ultra-weak form of speech dynamics; e.g., differential or delta parameters. Strong-form dynamic speech modeling, which is the focus of this monograph, may serve as an ultimate solution to this problem. After the introduction chapter, the main body of this monograph consists of four chapters. They cover various aspects of theory, algorithms, and applications of dynamic speech models, and provide a comprehensive survey of the research work in this area spanning over past 20~years. This monograph is intended as advanced materials of speech and signal processing for graduate-level teaching, for professionals and engineering practitioners, as well as for seasoned researchers and engineers specialized in speech processing

Mastering Microsoft Dynamics 365 Implementations - Eric Newell 2021-04-27

Confidently shepherd your organization's implementation of Microsoft Dynamics 365 to a successful conclusion In Mastering Microsoft Dynamics 365 Implementations, accomplished executive, project manager, and author Eric Newell delivers a holistic, step-by-step reference to implementing Microsoft's cloud-based ERP and CRM business applications. You'll find the detailed and concrete instructions you need to take your implementation project all the way to the finish line, on-time, and on-budget. You'll learn: The precise steps to take, in

the correct order, to bring your Dynamics 365 implementation to life
What to do before you begin the project, including identifying stakeholders and building your business case
How to deal with a change management throughout the lifecycle of your project
How to manage conference room pilots (CRPs) and what to expect during the sessions
Perfect for CIOs, technology VPs, CFOs, Operations leaders, application directors, business analysts, ERP/CRM specialists, and project managers,
Mastering Microsoft Dynamics 365 Implementations is an indispensable and practical reference for guiding your real-world Dynamics 365 implementation from planning to completion.

Human Resource Management Basics: Microsoft Dynamics 365 for Finance and Operations - Georg Bartas 2018-05-07

Introduction to Human Resource Management in Microsoft Dynamics 365 for Operations based on complete business process of the human resource management, including detailed customization for Consultants, Department Managers, Application Managers and Chief Technology Officers. Leading know-how from experts with a value of € 1.200,- of a whole workshop day to understand core processes, system settings and how to post transactions in the system.

Automated Testing in Microsoft Dynamics 365 Business Central - Luc van Vugt 2019-04-30

Learn how to write automated tests for Dynamics 365 Business Central and see how to implement it in your daily work
Key Features
Leverage automated testing to advance over traditional manual testing methods
Write, design, and implement automated tests
Explore various testing frameworks and tools compatible with Microsoft Dynamics 365 Business Central
Book Description
Dynamics 365 Business Central is the new cloud-based SaaS ERP proposition from Microsoft. It's not as simple as it used to be way back when it was called Navigator, Navision Financials, or Microsoft Business Solutions-Navision. Our development practices are becoming more formal, and with this, the call for test automation is pressing on us. This book will teach you to leverage testing tools available with Dynamics 365 Business Central to perform automated testing. We'll begin with a quick introduction to automated

testing, followed by an overview of test automation in Dynamics 365 Business Central. Then you'll learn to design and build automated tests and we'll go through some efficient methods to get from requirements to application and testing code. Lastly, you'll learn to incorporate your own and Microsoft tests into your daily development practice. By the end of the book, you'll be able to write your own automated tests for Dynamics 365 Business Central. What you will learn
Understand what automated tests are, and when and why to use them
Explore the five pillars of the Testability Framework of Business Central
Design and write automated tests for Business Central
Make use of standard automated tests and their helper libraries
Integrate automated tests into your development practice
Who this book is for
This book is for consultants, testers, developers, and development managers working with Microsoft Dynamics NAV and Business Central. Being a book on automated testing techniques, it also caters to both functional and technical development teams.

Mastering Microsoft Dynamics 365 Implementations - Eric Newell 2021-04-19

Confidently shepherd your organization's implementation of Microsoft Dynamics 365 to a successful conclusion
In Mastering Microsoft Dynamics 365 Implementations, accomplished executive, project manager, and author Eric Newell delivers a holistic, step-by-step reference to implementing Microsoft's cloud-based ERP and CRM business applications. You'll find the detailed and concrete instructions you need to take your implementation project all the way to the finish line, on-time, and on-budget. You'll learn: The precise steps to take, in the correct order, to bring your Dynamics 365 implementation to life
What to do before you begin the project, including identifying stakeholders and building your business case
How to deal with a change management throughout the lifecycle of your project
How to manage conference room pilots (CRPs) and what to expect during the sessions
Perfect for CIOs, technology VPs, CFOs, Operations leaders, application directors, business analysts, ERP/CRM specialists, and project managers,
Mastering Microsoft Dynamics 365 Implementations is an indispensable

and practical reference for guiding your real-world Dynamics 365 implementation from planning to completion.

Customizing Dynamics 365 - Sanjaya Yapa 2019-04-10

Gain an understanding of basic and advanced customizations in Dynamics 365 and learn how they can be effectively used to implement simple business requirements. This is a practical book for developers that explains the use of various Dynamics 365 features as well as use of advanced concepts such as Azure integration and custom development. Customizing Dynamics 365 starts by explaining the business requirements of the example application, which will explain the platform features, and discussing why Dynamics 365 is the ideal platform for the solution. Next, you will set up your development environment and use the different customizations of the platform to implement the basic business requirements of the example application. Further, you will automate the business process and create advanced customizations with plugins and custom workflow activities. Towards the end you will learn more about Azure integration, reports and dashboards, portal development, and data migration techniques, which will help you select the best option for a particular scenario. After reading this book you will be able to develop solutions with Dynamic 365 by understanding the various features and customizations of the platform. What You Will Learn Choose the right customizations and configurations to meet end-user requirements Use Azure features with Dynamics 365 to implement complex business scenarios Understand the importance of using source control for Dynamics 365 customizations Discover new trends with Dynamics 365 mobility Who This Book Is For Dynamics 365 developers, consultants, and architects.

Automated Testing in Microsoft Dynamics 365 Business Central - Luc van Vugt 2021-12-10

Learn how to write automated tests for Dynamics 365 Business Central and discover how you can implement them in your daily work Key Features Leverage automated testing to advance over traditional manual testing methods Write, design, and implement automated tests Explore various testing frameworks and tools compatible with Microsoft

Dynamics 365 Business Central Book Description Dynamics 365 Business Central is a cloud-based SaaS ERP proposition from Microsoft. With development practices becoming more formal, implementing changes or new features is not as simple as it used to be back when Dynamics 365 Business Central was called Navigator, Navision Financials, or Microsoft Business Solutions-Navision, and the call for test automation is increasing. This book will show you how to leverage the testing tools available in Dynamics 365 Business Central to perform automated testing. Starting with a quick introduction to automated testing and test-driven development (TDD), you'll get an overview of test automation in Dynamics 365 Business Central. You'll then learn how to design and build automated tests and explore methods to progress from requirements to application and testing code. Next, you'll find out how you can incorporate your own as well as Microsoft tests into your development practice. With the addition of three new chapters, this second edition covers in detail how to construct complex scenarios, write testable code, and test processes with incoming and outgoing calls. By the end of this book, you'll be able to write your own automated tests for Microsoft Business Central. What you will learn Understand the why and when of automated testing Discover how test-driven development can help to improve automated testing Explore the six pillars of the Testability Framework of Business Central Design and write automated tests for Business Central Make use of standard automated tests and their helper libraries Understand the challenges in testing features that interact with the external world Integrate automated tests into your development practice Who this book is for This book is for consultants, testers, developers, and development managers working with Microsoft Dynamics 365 Business Central. Functional as well as technical development teams will find this book on automated testing techniques useful.

Using Microsoft Dynamics 365 for Finance and Operations -

Andreas Luszczak 2018-12-07

This book provides precise descriptions and instructions which enable users, students and consultants to understand Microsoft Dynamics 365

for Finance and Operations rapidly. Microsoft offers Dynamics 365 as its premium ERP solution, supporting large and mid-sized organizations with a complete business management solution which is easy to use. Going through a simple but comprehensive case study, this book provides the required knowledge to handle all basic business processes in Microsoft Dynamics 365 for Finance and Operations. Exercises are there to train the processes and functionality, also making this book a good choice for self-study.

[Administering, Configuring, and Maintaining Microsoft Dynamics 365 in the Cloud](#) - Mark Beckner 2017-12-18

As Microsoft's Dynamics 365 gains ground and businesses adopt this tool, the demand for internal resources who need to understand how to support and maintain it increases. Administering, Configuring, and Maintaining Microsoft Dynamics 365 in the Cloud addresses the needs of those who support Dynamics, discussing numerous real-world scenarios that businesses must deal with when implementing Dynamics 365. Scenarios are presented with simple, fully functional walkthroughs so that non-developers can follow the instructions and learn how to address any issues that need to be resolved. The variety of concepts discussed in this book include how to: Quickly set up and configure users, teams, business units, and security Navigate through the system and present data in easy to access dashboards and SSRS reports Import data and export data, and migrate data between systems Create customized Business Process Flows, Workflows, and Business Rules Customize your Dynamics 365 instance with new entities, fields, and JavaScript Deploy and manage plugins and solutions

Microsoft Dynamics CRM API Development for Online and On-Premise Environments - Mark Beckner 2013-12-02

Microsoft Dynamics CRM has a robust API that includes web services and an extensive SDK. As you develop CRM Plugins and custom integrations, you will find that there are many complexities and challenges associated with successfully interacting with this API. In order to ensure that you have all of the tools necessary to achieve success with CRM development, Microsoft Dynamics CRM 2011 API

Development presents the essential aspects of API development including plugin development and registration. In addition to Plugins, you will work through building out several integrations that work with both the SDK and the Web Service layer. You will also build a C# application that creates records within CRM using the API, work with Scribe Online for integration and migration, design reports that read data from CRM using FetchXML, and interact with the OData REST service using JScript. Once you've worked through the various topics presented, you will find that you will have the advanced skills required for working with CRM 2011 Online and On Premises. Foreword by Ismail Nalwala, Principal, IOTAP.

Dynamics 365 for Finance and Operations Development Cookbook - Deepak Agarwal 2017-08-11

Over 80 effective recipes to help you solve real-world Microsoft Dynamics 365 for Finance and Operations development problems About This Book Learn all about the enhanced functionalities of Dynamics 365 for Finance and Operations and master development best practices Develop powerful projects using new tools and features Work through easy-to-understand recipes with step-by-step instructions and useful screenshots Who This Book Is For If you are a Dynamics AX developer primarily focused on delivering time-proven applications, then this book is for you. This book is also ideal for people who want to raise their programming skills above the beginner level, and at the same time learn the functional aspects of Dynamics 365 for Finance and Operations. Some X++ coding experience is expected. What You Will Learn Explore data manipulation concepts in Dynamics 365 for Operations Build scripts to assist data migration processes Organize data in Dynamics 365 for Operations forms Make custom lookups using AOT forms and dynamically generate them from X++ code Create a custom electronic payment format and process a vendor payment using it Integrate your application with Microsoft Office Suite and other external systems using various approaches Export and import business data for further distribution or analysis Improve your development efficiency and performance In Detail Microsoft Dynamics 365 for Finance and

Operations has a lot to offer developers. It allows them to customize and tailor their implementations to meet their organization's needs. This Development Cookbook will help you manage your company or customer ERP information and operations efficiently. We start off by exploring the concept of data manipulation in Dynamics 365 for Operations. This will also help you build scripts to assist data migration, and show you how to organize data in forms. You will learn how to create custom lookups using Application Object Tree forms and generate them dynamically. We will also show you how you can enhance your application by using advanced form controls, and integrate your system with other external systems. We will help you script and enhance your user interface using UI elements. This book will help you look at application development from a business process perspective, and develop enhanced ERP solutions by learning and implementing the best practices and techniques. Style and approach The book follows a practical recipe-based approach, focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics 365 for Finance and Operations implementation.

Implementing Microsoft Dynamics 365 Customer Engagement - Mahender Pal 2020-03-06

Gain hands-on experience working with the architecture, implementation, deployment, and data migration of Dynamics 365 Customer Engagement Key Features Explore different tools to evaluate, implement, and proactively maintain Dynamics 365 for CE Integrate Dynamics 365 CE with applications such as Power BI, PowerApps, and Microsoft Power Automate Design application architecture, explore deployment choices, and perform data migration Book Description Microsoft Dynamics 365 for Customer Engagement (CE) is one of the leading customer relationship management (CRM) solutions that help companies to effectively communicate with their customers and allows them to transform their marketing strategies. Complete with detailed explanations of the essential concepts and practical examples, this book will guide you through the entire life cycle of implementing Dynamics 365 CE for your organization or clients, and will help you avoid common

pitfalls while increasing efficiency at every stage of the project. Starting with the foundational concepts, the book will gradually introduce you to Microsoft Dynamics 365 features, plans, and products. You'll learn various implementation strategies and requirement gathering techniques, and then design the application architecture by converting your requirements into technical and functional designs. As you advance, you'll learn how to configure your CRM system to meet your organizational needs, customize Dynamics 365 CE, and extend its capabilities by writing client-side and server-side code. Finally, you'll integrate Dynamics 365 CE with other applications and explore its business intelligence capabilities. By the end of this Microsoft Dynamics 365 book, you'll have gained an in-depth understanding of all the key components necessary for successful Dynamics 365 CE implementation. What you will learn Explore the new features of Microsoft Dynamics 365 CE Understand various project management methodologies, such as Agile, Waterfall, and DevOps Customize Dynamics 365 CE to meet your business requirements Integrate Dynamics 365 with other applications, such as PowerApps, Power Automate, and Power BI Convert client requirements into functional designs Extend Dynamics 365 functionality using web resources, custom logic, and client-side and server-side code Discover different techniques for writing and executing test cases Understand various data migration options to import data from legacy systems Who this book is for This book is for consultants, project managers, administrators, and solution architects who want to set up Microsoft Dynamics 365 Customer Engagement in their business. Although not necessary, basic knowledge of Dynamics 365 will help you get the most out of this book.

Microsoft Power Platform Enterprise Architecture - Robert Rybaric 2020-09-25

Gain a 360-degree view of Microsoft Power Platform and combine the benefits of Power Apps, Power BI, Power Automate, Azure, and Dynamics 365 to build an enterprise application platform for your organization Key Features Explore various Microsoft cloud components and find out how they can enhance your Power Platform solutions Get to grips with

Microsoft Power Platform's security and extensibility, integration, and data migration models Discover architectural best practices for designing complex enterprise solutions Book Description For forward-looking architects and decision makers who want to craft complex solutions to serve growing business needs, Microsoft Power Platform Enterprise Architecture offers an array of architectural best practices and techniques. With this book, you'll learn how to design robust software using the tools available in the Power Platform suite and be able to integrate them seamlessly with various Microsoft 365 and Azure components. Unlike most other resources that are overwhelmingly long and unstructured, this book covers essential concepts using concise yet practical examples to help you save time. You'll develop the skills you need to architect, design, and manage a complex solution as you follow the journey of a fictitious enterprise customer as they enter the world of Power Platform. Throughout the book, you'll discover how to combine the functionality of Power Apps, Power Automate, Power BI, and Power Virtual Agents with various methodologies to effectively address application lifecycle management, security, and extensibility. Finally, you'll learn how to overcome common challenges in migrating data to and from Microsoft Power Platform using proven techniques. By the end of this book, you'll have the strategic perspective of an enterprise architect to make accurate architectural decisions for your complex Power Platform projects. What you will learn Understand various Dynamics 365 CRM, ERP, and AI modules for creating Power Platform solutions Enhance Power Platform with Microsoft 365 and Azure Find out which regions, staging environments, and user licensing groups need to be employed when creating enterprise solutions Implement sophisticated security by using various authentication and authorization techniques Extend Power Apps, Power BI, and Power Automate to create custom applications Integrate your solution with various in-house Microsoft components or third-party systems using integration patterns Who this book is for This book is for enterprise architects and technical decision makers who want to craft complex solutions using Microsoft Power Platform to serve growing business needs and to stay

competitive in the modern IT world. A basic understanding of Microsoft Power Platform will help you to get started with this book.

Implementing Microsoft Dynamics 365 for Finance and Operations - Rahul Mohta 2017-09-15

Harness the power of Dynamics 365 Operations and discover all you need to implement it About This Book Master all the necessary tools and resources to evaluate Dynamics 365 for Operations, implement it, and proactively maintain it. Troubleshoot your problems effectively with your Dynamics 365 partner Learn about architecture, deployment choices, integration, configuration and data migration, development, testing, reporting and BI, support, upgrading, and more. Who This Book Is For This book is for technology leaders, project managers solution architects, and consultants who are planning to implement, are in the process of implementing, or are currently upgrading to Dynamics 365 for Operations. This book will help you effectively learn and implement Dynamics 365 for Operations. What You Will Learn Learn about Microsoft Dynamics 365, it's offerings, plans and details of Finance and Operations, Enterprise edition Understand the methodology and the tool, architecture, and deployment options Effectively plan and manage configurations and data migration, functional design, and technical design Understand integration frameworks, development concepts, best practices, and recommendations while developing new solutions Learn how to leverage intelligence and analytics through Power BI, machine learning, IOT, and Cortana intelligence Master testing, training, going live, upgrading, and how to get support during and after the implementation In Detail Microsoft Dynamics 365 for Finance and Operations, Enterprise edition, is a modern, cloud-first, mobile-first, ERP solution suitable for medium and large enterprise customers. This book will guide you through the entire life cycle of a implementation, helping you avoid common pitfalls while increasing your efficiency and effectiveness at every stage of the project. Starting with the foundations, the book introduces the Microsoft Dynamics 365 offerings, plans, and products. You will be taken through the various methodologies, architectures, and deployments so you can select, implement, and

maintain Microsoft Dynamics 365 for Finance and Operations, Enterprise edition. You will delve in-depth into the various phases of implementation: project management, analysis, configuration, data migration, design, development, using Power BI, machine learning, Cortana analytics for intelligence, testing, training, and finally deployment, support cycles, and upgrading. This book focuses on providing you with information about the product and the various concepts and tools, along with real-life examples from the field and guidance that will empower you to execute and implement Dynamics 365 for Finance and Operations, Enterprise edition. Style and approach This book is a step-by-step guide focusing on implementing Dynamics 365 Operations solutions for your organization.

Microsoft Dynamics 365 Finance and Operations Apps Developer Exam Practice Questions & Dumps - Quantic Books

Candidates for this exam are developers who work with Finance and Operations apps in Microsoft Dynamics 365 to implement and extend applications that meet the requirements of a business. Candidates provide fully realized solutions by using standardized application coding patterns, extensible features, and external integrations. Preparing for the Microsoft Dynamics 365 Finance and Operations Apps Developer exam? Here we have brought Best Exam Questions for you so that you can prepare well for this Exam of Microsoft Dynamics 365 Finance and Operations Apps Developer (MB-500) exam. Unlike other online simulation practice tests, you get an eBook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Microsoft Dynamics 365 Business Central Cookbook - Michael Glue 2019-08-09

Gain useful insights to help you efficiently build, test, and migrate customized solutions on Business Central cloud and on-premise platforms Key Features Explore enhanced functionalities and development best practices in Business Central Develop powerful Business Central projects using the AL language Master the new Business Central with easy-to-follow recipes Book Description Microsoft Dynamics

365 Business Central is a complete business management solution that can help you streamline business processes, connect individual departments in your company, and enhance customer interactions. Ok. That first part was really professional sounding, right? Now, let's get into what this cookbook is going to do for you: put simply, it's going to help you get things done. This book will help you get to grips with the latest development features and tools for building applications using Business Central. You'll find recipes that will guide you in developing and testing applications that can be deployed to the cloud or on-premises. For the old-schoolers out there, you'll also learn how to take your existing Dynamics NAV customizations and move them to the new AL language platform. Also, if you haven't figured it out already, we're going to be using very normal language throughout the book to keep things light. After all, developing applications is fun, so why not have fun learning as well! What you will learn Build and deploy Business Central applications Use the cloud or local sandbox for application development Customize and extend your base Business Central application Create external applications that connect to Business Central Create automated tests and debug your applications Connect to external web services from Business Central Who this book is for This book is for Dynamics developers and administrators who want to become efficient in developing and deploying applications in Business Central. Basic knowledge and understanding of Dynamics application development and administration is assumed.

Computing with Spatial Trajectories - Yu Zheng 2011-10-02

Spatial trajectories have been bringing the unprecedented wealth to a variety of research communities. A spatial trajectory records the paths of a variety of moving objects, such as people who log their travel routes with GPS trajectories. The field of moving objects related research has become extremely active within the last few years, especially with all major database and data mining conferences and journals. Computing with Spatial Trajectories introduces the algorithms, technologies, and systems used to process, manage and understand existing spatial trajectories for different applications. This book also presents an

overview on both fundamentals and the state-of-the-art research inspired by spatial trajectory data, as well as a special focus on trajectory pattern mining, spatio-temporal data mining and location-based social networks. Each chapter provides readers with a tutorial-style introduction to one important aspect of location trajectory computing, case studies and many valuable references to other relevant research work. Computing with Spatial Trajectories is designed as a reference or secondary text book for advanced-level students and researchers mainly focused on computer science and geography. Professionals working on spatial trajectory computing will also find this book very useful.

Visual Studio 2019 Tricks and Techniques - Paul Schroeder

2021-01-15

Harness the full power of the Visual Studio IDE to take your coding skills to the next level by learning about IDE productivity practices and exclusive techniques

Key Features Increase your productivity by leveraging Visual Studio 2019's improvements and features Explore powerful editing, code intelligence, and source code control features to increase productivity Delve into VS's powerful, untapped features such as custom project templates and extensions

Book Description Visual Studio 2019 (VS 2019) and Visual Studio Code (VS Code) are powerful professional development tools that help you to develop applications for any platform with ease. Whether you want to create web, mobile, or desktop applications, Microsoft Visual Studio is your one-stop solution. This book demonstrates some of the most sophisticated capabilities of the tooling and shows you how to use the integrated development environment (IDE) more efficiently to be more productive. You'll begin by gradually building on concepts, starting with the basics. The introductory chapters cover shortcuts, snippets, and numerous optimization tricks, along with debugging techniques, source control integration, and other important IDE features that will help you make your time more productive. With that groundwork in place, more advanced concepts such as the inner workings of project and item templates are covered. You will also learn how to write quality, secure code more efficiently as well as discover how certain Visual Studio features work 'under the

hood'. By the end of this Visual Studio book, you'll have learned how to write more secure code faster than ever using your knowledge of the extensions and processes that make developing successful solutions more enjoyable and repeatable. What you will learn

Understand the similarities and differences between VS 2019 and VS Code

Get to grips with numerous keyboard shortcuts to improve efficiency

Discover IDE tips and tricks that make it easier to write code

Experiment with code snippets that make it easier to write repeating code patterns

Find out how to customize project and item templates with the help of hands-on exercises

Use Visual Studio extensions for ease and improved productivity

Delve into Visual Studio's behind the scene operations

Who this book is for This book is for C# and .NET developers who want to become more efficient and take advantage of features they may not be aware of in the IDE. Those looking to increase their productivity and write quality code more quickly by fully utilizing the power of the Visual Studio IDE will also find this book useful.

[Implementing Microsoft Dynamics 365 Business Central On-Premise - Fourth Edition](#) - Roberto Stefanetti 2018-12-18

Implement Business Central and explore methods to upgrade to NAV 2018

Key Features Learn the key roles of Dynamics NAV partner and the roles within your customer's organization Create configuration packages and perform data migration Explore Microsoft Dynamics 365 Business Central to use Dynamics NAV 2018 functionalities in the Cloud

Book Description Microsoft Dynamics Business Central is a full business solution suite and a complete ERP solution, which contains a robust set of development tools; these tools can help you to gain control over your business and can simplify supply chains, manufacturing, and operations. Implementing Microsoft Dynamics 365 Business Central On-Premise covers the latest features of Dynamics Business Central and NAV from the end users' and developers' perspectives. It also provides an insight into different tools available for implementation, whether it's a new installation or migrating from the previous version of Dynamics NAV. This book will take you from an introduction to Dynamics NAV 2018 through to exploring all the techniques related to implementation and

migration. You will also learn to expand functionalities within your existing Microsoft Dynamics NAV installation, perform data analysis, and implement free third-party add-ons to your existing installation. As you progress through the book, you will learn to work with third-party add-on tools. In the concluding chapters, you will explore Dynamics 365 Business Central, the new Cloud solution based on the Microsoft NAV platform, and techniques for using Docker and Sandbox to develop applications. By the end of the book, you will have gained a deep understanding of the key components for successful Dynamics NAV implementation for an organization. What you will learn Explore new features introduced in Microsoft Dynamics NAV 2018 Migrate to Microsoft Dynamics NAV 2018 from previous versions Learn abstract techniques for data analysis, reporting, and debugging Install, configure, and use additional tools for business intelligence, document management, and reporting Discover Dynamics 365 Business Central and several other Microsoft services Utilize different tools to develop applications for Business Central Who this book is for Implementing Microsoft Dynamics 365 Business Central On-Premise is for Dynamics NAV partners and end users who want to know everything about Dynamics NAV implementation. This book is for you if you want to be a project manager or get involved with Dynamics NAV, but do not have the expertise to write code yourself. This book can also help you to understand the need to move to Business Central and its advantages.

Extending Microsoft Dynamics 365 for Operations Cookbook - Simon Buxton 2017-05-18

Have the best tools at your fingertips to extend and maximize the efficiency of your business management About This Book Follow practical and easy-to-grasp examples, illustrations and coding to make the most out of Dynamics 365 for Operations in your business scenario Extend Dynamics 365 for Operations in a cost-effective manner by using tools you already have Solve common business problems with the valuable features of Dynamics 365 for Operations Who This Book Is For This book is for those who are getting to grips with Dynamics 365 for Operations developers or those migrating from C# development. The

guide includes information essential for new and experienced Dynamics 365 for Operations developers. What You Will Learn Create enumerated and extended data types Understand the importance of using patterns and frameworks while creating a unique concept for your solution Service and deploy your code and packages to improve performance Write and perform unit tests to automate the testing process Design your security model and policies to provide code access privileges Construct the UI and business logic to add Power BI to dashboards In Detail Dynamics 365 for Operations is the ERP element of Microsoft's new Dynamics 365 Enterprise Edition. Operations delivers the infrastructure to allow businesses to achieve growth and make better decisions using scalable and contemporary ERP system tools. This book provides a collection of "recipes" to instruct you on how to create—and extend—a real-world solution using Operations. All key aspects of the new release are covered, and insights into the development language, structure, and tools are discussed in detail. New concepts and patterns that are pivotal to elegant solution designs are introduced and explained, and readers will learn how to extend various aspects of the system to enhance both the usability and capabilities of Operations. Together, this gives the reader important context regarding the new concepts and the confidence to reuse in their own solution designs. This "cookbook" provides the ingredients and methods needed to maximize the efficiency of your business management using the latest in ERP software—Dynamics 365 for Operations. Style and approach The book takes a practical recipe-based approach, focusing on real-world scenarios and giving you all the information you need to build a strong Dynamics 365 for Operations implementation.

[Microsoft Dynamics Crm Customization Essentials](#) - Nicolae Tarla 2015-01-02

If you are new to Dynamics CRM or a seasoned user looking to enhance your knowledge of the platform, then this book is for you. It is also for skilled developers who are looking to move to the Microsoft stack to build business solution software.

Microsoft Dynamics CRM 4.0 Step by Step - Jim Steger 2008-09-10

Whether you're in sales, marketing, or customer service—quickly teach yourself how to get closer to your customers with Microsoft Dynamics CRM. With STEP BY STEP, you set the pace—building and practicing the skills you need, just when you need them! Create and manage accounts—for a 360° view of your customers and business Work with Microsoft Dynamics CRM directly from Microsoft Outlook Track customer activity; import and map data automatically Manage campaigns, leads, quotes, contracts, and orders Employ basic to advanced reporting capabilities Your all-in-one learning experience includes: Files for building skills and practicing the book's lessons Fully searchable eBook Sample chapters from related Microsoft Press books WINDOWS VISTA PRODUCT GUIDE eReference—plus other resources—on CD For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Dynamics 365 Business Central Development Quick Start Guide - Stefano Demiliani 2018-08-27

Understanding the new Microsoft Extension model for development Key Features Develop solutions for Dynamics 365 Business Central Orient yourself with the new Microsoft Extension model for development Learn modern ways to develop with Dynamics 365 Business Central Book Description Microsoft Dynamics 365 Business Central is the new SaaS ERP proposition from Microsoft. This latest version has many exciting features guaranteed to make your life easier. This book is an ideal guide to Dynamics 365 Business Central and will help you get started with implementing and designing solutions for real-world scenarios. This book will take you through the fundamental topics for implementing solutions based on Dynamics 365 Business Central (on-premise and SaaS). We'll see the core topics of the new development model (based on extensions) and we'll see how to create applications with the new Microsoft ERP proposition. The book begins by explaining the basics of Dynamics 365 Business Central and the Microsoft ERP proposition. We will then cover topics such as extensions, the new modern development model of Visual studio code, sandboxes, Docker, and many others. By the end of the book, you will have learned how to debug and compile extensions and to

deploy them to the cloud and on-premise. You will also have learned how to create serverless business processes for Microsoft Dynamics 365 Business Central. What you will learn Develop solutions for Dynamics 365 Business Central Create a sandbox for extensions development (local or on cloud) Use Docker with Dynamics 365 Business Central Create extensions for Dynamics 365 Business Central Handle dependencies, translations and reporting Deploy extensions on-premise and to the cloud Create serverless processes with Dynamics 365 Business Central Understand source code management for AL Who this book is for This book is for Microsoft Dynamics 365 Business Central solution developers and architects that needs to implement solutions based on the Microsoft's ERP (on-premise and SaaS).

Mastering Microsoft Dynamics 365 Customer Engagement - Second Edition - Deepesh Somani 2019-02-28

A comprehensive guide packed with the latest features of Dynamics 365 for customer relationship management Key Features Create efficient client-side apps and customized plugins that work seamlessly Learn best practices from field experience to use Dynamics 365 efficiently Unleash the power of Dynamics 365 to maximize your organization's profits Book Description Microsoft Dynamics 365 is an all-in-one business management solution that's easy to use and adapt. It helps you connect your finances, sales, service, and operations to streamline business processes, improve customer interactions, and enable growth. This book gives you all the information you need to become an expert in MS Dynamics 365. This book starts with a brief overview of the functional features of Dynamics 365. You will learn how to create Word and Excel templates using CRM data to enable customized data analysis for your organization. This book helps you understand how to use Dynamics 365 as an XRM Framework, gain a deep understanding of client-side scripting in Dynamics 365, and create client-side applications using JavaScript and the Web API. In addition to this, you will discover how to customize Dynamics 365, and quickly move on to grasp the app structure, which helps you customize Dynamics 365 better. You will also learn how Dynamics 365 can be seamlessly embedded into various

productivity tools to customize them for machine learning and contextual guidance. By the end of this book, you will have mastered utilizing Dynamics 365 features through real-world scenarios. What you will learn Manage various divisions of your organization using Dynamics 365 customizations Explore the XRM Framework and leverage its features Provide an enhanced mobile and tablet experience Develop client-side applications using JavaScript and the Web API Understand how to develop plugins and workflows using Dynamics 365 Explore solution framework improvements and new field types Who this book is for Mastering Microsoft Dynamics 365 Customer Engagement is for you if you have knowledge of Dynamics CRM and want to utilize the latest features of Dynamics 365. This book is also for you if you're a skilled developer looking to move to the Microsoft stack to build business solution software. Extensive Dynamics CRM development experience will be beneficial to understand the concepts covered in this book.

Mastering Microsoft Dynamics 365 Business Central - Stefano Demiliani 2019-12-20

Develop customized business management solutions with the latest features of Microsoft Dynamics 365 Business Central Key Features Learn Dynamics 365 Business Central, the next generation of Dynamics NAV Explore advanced topics for handling complex integrations such as using APIs, OData, and Azure Functions Discover best practices for developing SaaS extensions and moving existing solutions to the cloud Book Description Dynamics 365 Business Central is an all-in-one business management solution, which is easy to adopt and helps you make smarter business decisions. This book is a comprehensive guide to developing solutions with Microsoft ERP (in the cloud and also on-premises). It covers all aspects of developing extensions, right from preparing a sandbox environment to deploying a complete solution. The book starts by introducing you to the Dynamics 365 Business Central platform and the new Modern Development Environment. You'll then explore the sandbox concept, and see how to create sandboxes for development. As you advance, you'll be able to build a complete advanced solution for Dynamics 365 Business Central with AL language

and Visual Studio Code. You'll then learn how to debug and deploy the extension and write automatic testing. The book will also take you through advanced topics like integration (with Azure Functions, web services, and APIs), DevOps and CI/CD techniques, and machine learning. You'll discover how Dynamics 365 Business Central can be used with Office 365 apps. Finally, you'll analyze different ways to move existing solutions to the new development model based on extensions. By the end of this book, you'll be able to develop highly customized solutions that meet the requirements of modern businesses using Dynamics 365 Business Central. What you will learn Create a sandbox environment with Dynamics 365 Business Central Handle source control management when developing solutions Explore extension testing, debugging, and deployment Create real-world business processes using Business Central and different Azure services Integrate Business Central with external applications Apply DevOps and CI/CD to development projects Move existing solutions to the new extension-based architecture Who this book is for If you're a new developer looking to get started with Dynamics 365 Business Central, this book is for you. This book will also help experienced professionals enhance their knowledge and understanding of Dynamics 365 Business Central.

Programming Microsoft Dynamics CRM 4.0 - Jim Steger 2008-10-15 Get answers to common questions about setting up the design environment and building custom solutions with Microsoft Dynamics CRM. Delve into core architecture, tools, and techniques, and learn how to exploit powerful customization features. Authored by industry-leading experts, this book shows how to deliver intelligent CRM solutions that meet the unique challenges and requirements of your business. Discover how to: Set up the development environment Enhance the product's APIs with your own code Execute business logic using plug-ins Build custom workflows that extend native workflow functions Create user-friendly integration with scripts and application extensions Code custom pages optimized for Microsoft Outlook with Offline Access Extend Microsoft Dynamics CRM using ASP.NET Create advanced Windows Workflow Foundation solutions Extend multilingual and multicurrency features

Construct a custom security-access solution Get code samples on the Web.

Dynamics 365 Application Development - Deepesh Somani 2018-01-30
Learn, develop, and design applications using the new features in Microsoft Dynamics CRM Key Features Implement business logic using processes, plugins, and client-side scripts with MS Dynamics 365 Develop custom CRM solutions to improve your business applications A comprehensive guide that covers the new features of Microsoft Dynamics 365 and increasingly advanced topics. Book Description Microsoft Dynamics 365 CRM is the most trusted name in enterprise-level customer relationship management. The latest version of Dynamics CRM comes with the important addition of exciting features guaranteed to make your life easier. It comes straight off the shelf with a whole new frontier of updated business rules, process enhancements, SDK methods, and other enhancements. This book will introduce you to the components of the new designer tools, such as SiteMap, App Module, and Visual Designer for Business Processes. Going deeper, this book teaches you how to develop custom SaaS applications leveraging the features of PowerApps available in Dynamics 365. Further, you will learn how to automate business processes using Microsoft Flow, and then we explore Web API, the most important platform update in Dynamics 365 CRM. Here, you'll also learn how to implement Web API in custom applications. You will learn how to write an Azure-aware plugin to design and integrate cloud-aware solutions. The book concludes with configuring services using newly released features such as Editable grids, Data Export Service, LinkedIn Integration, Relationship Insights, and Live Assist. What you will learn Develop apps using the platform-agnostic Web API Leverage Azure Extensions to design cloud-aware applications Learn how to implement CRUD operation Create integrated real-world apps using Microsoft PowerApps and Flow by combining services such as Twitter, Facebook, and SharePoint Configure and use Artificial Intelligence Azure Cognitive Services for Recommendation and Text Analytic services Who this book is for This book targets skilled developers who are looking to build business-solution software and are

new to application development in Microsoft Dynamics 365, especially for CRM.

Dynamics 365 Essentials - Sarah Critchley 2020-06-25
Discover what the Common Data Service is and how Dynamics 365 fits in the Power Platform. Learn how to set up core Dynamics 365 Customer Engagement functionality and build more customized processes using model-driven apps. This book covers the Dynamics 365 Online system for sales, customer service, marketing, field service, and Outlook integration. In this second edition, core platform changes from the Common Data Service are included and you will know what this means for Dynamics 365. Updated features include processes, the latest form and view designer, and Business Process Flows. The book also includes new chapters on portals and power virtual agents. After reading Dynamics 365 Essentials, you will have mastered the core functionality available in Dynamics 365 CE and model-driven applications, and will be able to set it up for a range of different business scenarios. What You Will Learn Set up the core standard features of Dynamics 365 CE Create model-driven apps within Dynamics 365 customized to specific business needs Customize Dynamics 365 CE and leverage process automation functionality through the UI Study the Common Data Service for Apps Who This Book Is For Consultants, business analysts, administrators, and project managers who are looking for more information about Dynamics 365

Implementing Microsoft Dynamics 365 Business Central On-Premise - Roberto Stefanetti 2018-12-19
Implement Business Central and explore methods to upgrade to NAV 2018 Key Features Learn the key roles of Dynamics NAV partner and the roles within your customer's organization Create configuration packages and perform data migration Explore Microsoft Dynamics 365 Business Central to use Dynamics NAV 2018 functionalities in the Cloud Book Description Microsoft Dynamics Business Central is a full business solution suite and a complete ERP solution, which contains a robust set of development tools; these tools can help you to gain control over your business and can simplify supply chains, manufacturing, and operations.

Implementing Microsoft Dynamics 365 Business Central On-Premise covers the latest features of Dynamics Business Central and NAV from the end users' and developers' perspectives. It also provides an insight into different tools available for implementation, whether it's a new installation or migrating from the previous version of Dynamics NAV. This book will take you from an introduction to Dynamics NAV 2018 through to exploring all the techniques related to implementation and migration. You will also learn to expand functionalities within your existing Microsoft Dynamics NAV installation, perform data analysis, and implement free third-party add-ons to your existing installation. As you progress through the book, you will learn to work with third-party add-on tools. In the concluding chapters, you will explore Dynamics 365 Business Central, the new Cloud solution based on the Microsoft NAV platform, and techniques for using Docker and Sandbox to develop applications. By the end of the book, you will have gained a deep understanding of the key components for successful Dynamics NAV implementation for an organization. What you will learn

Explore new features introduced in Microsoft Dynamics NAV 2018
Migrate to Microsoft Dynamics NAV 2018 from previous versions
Learn abstract techniques for data analysis, reporting, and debugging
Install, configure, and use additional tools for business intelligence, document management, and reporting
Discover Dynamics 365 Business Central and several other Microsoft services
Utilize different tools to develop applications for Business Central
Who this book is for
Implementing Microsoft Dynamics 365 Business Central On-Premise is for Dynamics NAV partners and end users who want to know everything about Dynamics NAV implementation. This book is for you if you want to be a project manager or get involved with Dynamics NAV, but do not have the expertise to write code yourself. This book can also help you to understand the need to move to Business Central and its advantages.

Programming Microsoft Dynamics NAV 2009 - David Studebaker
2009-11-04
Develop and maintain high performance Dynamics NAV applications to meet changing business needs with improved agility and enhanced

flexibility using this book and eBook.

Quantum Information - Gernot Alber 2003-07-01

A self-contained introduction to the basic theoretical concepts, experimental techniques and recent advances in the fields of quantum communication, quantum information and quantum computation. The introductory and self-contained character of the contributions should make this book particularly attractive to students and active researchers in physics and computer science who want to become acquainted with the underlying basic ideas and recent advances in the rapidly evolving field of quantum information processing.

Microsoft Dynamics 365 Project Operations - Robert Houdeshell
2021-05-14

Discover the endless capabilities and end-to-end project management functionalities of Dynamics 365 Project Operations to drive your firm's project success and ensure rapid business growth in the competitive digital economic world
Key Features
Deliver successful projects via improved collaboration, visibility, and teamwork using Microsoft Project Operations solutions
Gain real-time data insights to modernize business strategies to increase market share
Build the right project operations models to meet business needs with an optimized budget
Book Description
Dynamics 365 Project Operations is a game-changing solution set for project-driven businesses that allows you to deliver commercially successful projects in a timely and cost-effective manner, keeping the project teams productive and collaborative. With this book, you'll find out how you can bring more value to the business by winning new projects and driving exponential revenue growth. Starting with the key principles of Project Operations, you'll understand how it improves project planning and execution. You'll then learn how to successfully deploy Project Operations along with different integration strategies and get to grips with the best approach for sales through project opportunities, project contracts, and pricing workflow implementation. This book will guide you through setting up direct staffing and centralized staffing models and enable you to manage project changes confidently by getting hands-on with project timeline management,

pricing management, resource assignments, and modifications. In the final chapters, you'll find out how to use Project Operations effectively for project accounting and finance. By the end of this book, you'll have gained the confidence to deliver profitable projects in a well-connected organization through efficient decision-making and successful customer-client relationships. What you will learn Configure key elements of Project Operations to drive improved collaboration with your customers Discover how Project Operations is interconnected with Microsoft 365 and Dynamics 365 Platform Understand the Project Opportunity-to-Quote-to-Contract workflow and its implications for selling Find out how to set up and utilize direct staffing and centralized staffing models Explore Project Timeline Management using Task, Board, and Timeline views Find out how information flows to finance and operations in Project Operations Who this book is for This book is for project managers, project leads, business consultants, and business leaders who want to gain a competitive edge by delivering successful projects in a shorter time span with the help of effective operations and workflows across different teams within projects. Knowledge of Microsoft 365 and a sound understanding of business acumen and sales through the delivery process is necessary to get the most out of this book.

Implementing Microsoft Dynamics 365 for Finance and Operations Apps - JJ Yadav 2020-03-06

Microsoft has changed the technology so customers can now select, evaluate and implement Microsoft Dynamics 365 and other applications for their enterprise. This book will provide insights and relevant information around Dynamics 365 Apps, trial experience and implementation of Dynamics 365 for Finance and Operations Apps

Microsoft Dynamics 365 For Dummies - Renato Bellu 2018-10-23

Accelerate your digital transformation and break down silos with Microsoft Dynamics 365 It's no secret that running a business involves several complex parts like managing staff, financials, marketing, and operations—just to name a few. That's where Microsoft Dynamics 365, the most profitable business management tool, comes in. In Microsoft Dynamics 365 For Dummies, you'll learn the aspects of the program and

each of its applications from Customer Service to Financial Management. With expert author Renato Bellu's clear instructions and helpful tips, you'll be managing to your fullest advantage before you know it. Let's get started! Digitally transform your business by connecting CRM and ERP Use data to make decisions across all business functions Integrate Dynamics 365 with Office 365 and LinkedIn Manage financials and operations Are you running a dynamic business? This book shows you how!

Extending Microsoft Dynamics 365 Finance and Supply Chain Management Cookbook - Simon Buxton 2020-03-27

A practical recipe-based guide to extend your Dynamics 365 Finance and Supply chain management implementation. Key Features Extend Dynamics 365 Finance and Supply Chain Management features in a cost-effective manner Learn how to integrate with other applications and services securely using Business Events, OData and the Service Bus Extend and hook into standard processes safely using Chain of Command Book Description Dynamics 365 Finance and Supply Chain Management is Microsoft's ERP solution, which can be implemented as a cloud or on-premise solution to facilitate better decision-making with the help of contemporary, scalable ERP system tools. This book is updated with the latest features of Dynamics 365 Finance and Supply Chain Management including Chain of Command (CoC), Acceptance Test Libraries (ATL), and Business Events. The book not only features more than 100 tutorials that allow you to create and extend business solutions, but also addresses specific problems and offers solutions with insights into how they work. This cookbook starts by helping you set up a Azure DevOps project and taking you through the different data types and structures used to create tables. You will then gain an understanding of user interfaces, write extensible code, manage data entities, and even model Dynamics 365 ERP for security. As you advance, you'll learn how to work with various in-built Dynamics frameworks such as SysOperation, SysTest, and Business Events. Finally, you'll get to grips with automated build management and workflows for better application state management. By the end of this book, you'll have become proficient in

packaging and deploying end-to-end scalable solutions with Microsoft Dynamics 365 Finance and Supply Chain Management. What you will learn Understand the importance of using patterns and frameworks for creating unique solutions Write code that can make your solution extendable Leverage new frameworks that allow your solution to adapt as your business grows Design the UI and business logic to fit standard patterns Understand how to not only write unit tests, but also perform efficient unit testing to automate the testing process Design your security model and policies to provide code access privileges Who this book is for This Dynamics 365 book is for anyone who wants to learn Dynamics 365 Finance and Supply Chain Management development or migrate from C# or Microsoft Dynamics AX 2012 (or prior) development. Although finance and Supply Chain Management experience is not necessary, a background in software development is required. You will also need access to Microsoft's Lifecycle Services to download the necessary development tools.

Mastering Microsoft Dynamics 365 Customer Engagement -

Deepesh Somani 2019-02-28

Microsoft has introduced a new product based on MS Dynamics CRM named MS Dynamics 365 which consists of 7 components and has extended functionality compared to any other CRM systems. It is equipped to be flexible to meet the needs of businesses. This book provides a comprehensive coverage of Dynamics 365 and helps you make your tasks much simpler.

Microsoft Dynamics 365 Extensions Cookbook - Rami Mounla

2017-06-07

More than 80 recipes to help you leverage the various extensibility features available for Microsoft Dynamics and solve problems easily About This Book Customize, configure, and extend the vanilla features of Dynamics 365 to deliver bespoke CRM solutions fit for any organization Implement business logic using point-and-click configuration, plugins, and client-side scripts with MS Dynamics 365 Built a DevOps pipeline as well as Integrate Dynamics 365 with Azure and other platforms Who This Book Is For This book is for developers, administrators, consultants, and

power users who want to learn about best practices when extending Dynamics 365 for enterprises. You are expected to have a basic understand of the Dynamics CRM/365 platform. What You Will Learn Customize, configure, and extend Microsoft Dynamics 365 Create business process automation Develop client-side extensions to add features to the Dynamics 365 user interface Set up a security model to securely manage data with Dynamics 365 Develop and deploy clean code plugins to implement a wide range of custom behaviors Use third-party applications, tools, and patterns to integrate Dynamics 365 with other platforms Integrate with Azure, Java, SSIS, PowerBI, and Octopus Deploy Build an end-to-end DevOps pipeline for Dynamics 365 In Detail Microsoft Dynamics 365 is a powerful tool. It has many unique features that empower organisations to bridge common business challenges and technology pitfalls that would usually hinder the adoption of a CRM solution. This book sets out to enable you to harness the power of Dynamics 365 and cater to your unique circumstances. We start this book with a no-code configuration chapter and explain the schema, fields, and forms modeling techniques. We then move on to server-side and client-side custom code extensions. Next, you will see how best to integrate Dynamics 365 in a DevOps pipeline to package and deploy your extensions to the various SDLC environments. This book also covers modern libraries and integration patterns that can be used with Dynamics 365 (Angular, 3 tiers, and many others). Finally, we end by highlighting some of the powerful extensions available. Throughout we explain a range of design patterns and techniques that can be used to enhance your code quality; the aim is that you will learn to write enterprise-scale quality code. Style and approach This book takes a recipe-based approach, delivering practical examples and use cases so that you can identify the best possible approach to extend your Dynamics 365 deployment and tackle your specific business problems.

Fundamentals of CRM with Dynamics 365 and Power Platform -

Nicolae Tarla 2020-10-06

Explore the latest features of Dynamics 365 and Power Platform's out-of-the-box tools to build custom business solutions for your organization

Key Features Discover impressive Dynamics 365 features to transform your business and increase productivity Leverage the platform's extensibility to meet your organizational needs Understand how Power Platform powers Dynamics 365 and enhances its integration capabilities

Book Description Microsoft Dynamics 365 provides a vast array of tools and applications to meet various Customer Engagement requirements. This Customer Relationship Management (CRM) guide covers the latest advancements in Dynamics 365 and Power Platform that help organizations adapt to changing market conditions for agility and resilience. With this book, you'll explore the core platform functionality of Dynamics 365 and explore its wide range of components for transforming your business with new services and capabilities. You'll learn the basics of configuration and customization to enhance the functionality of Microsoft Dynamics 365 CRM and create solutions and custom applications by leveraging features such as apps, portals, automation, and business intelligence. As you advance, you'll understand how Power Platform drives Dynamics 365 and how various integration capabilities add value by providing a comprehensive view of data aggregated across different systems and data sources. Finally, you'll

delve into core administration concepts that will help you to manage extensions added to the platform. By the end of this book, you'll have learned how to tailor Microsoft Dynamics 365 to fit your organization's requirements and tweak the platform to meet your business needs. What you will learn

Get to grips with Power Platform for building and enhancing Dynamics 365 apps Integrate Dynamics 365 CRM with Microsoft 365, Azure, and other platforms Discover how you can customize existing entities and create new ones Explore various security features and grant users access to CRM data and functions Find out which CRM attributes are used to automate operations with programming Use internal and external social data to help users to make informed decisions

Who this book is for This book is for customers and project stakeholders, new functional consultants, business administration users, and project managers looking to get up and running with the latest features of Dynamics 365 and Power Platform. This guide will help non-developers become acquainted with a no-code approach to customization and configuration. A basic understanding of relational data and customer management concepts will help you get the most out of this book.