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Microsoft Dynamics Nav Administration Packt Publishing Ltd A quick book and eBook guide to installing, configuring, deploying, and administering Dynamics NAV with ease Microsoft Dynamics NAV 2009 Professional Reporting Packt Publishing Ltd This book doesn't assume any prior experience with Dynamics NAV reporting. It is designed as an easy to follow guide, where each chapter builds upon the previous one, but can also be read completely separately. Basically this book is for everyone who is using Microsoft Dynamics NAV or has an interest on the reporting capabilities of NAV 2009. The book does not have major prerequisites, although it is mainly focused on Dynamics NAV 2009, RDLC and Business Intelligence. Whether you are a Dynamics NAV consultant, developer, customer, project manager, or just interested in the reporting capabilities of Dynamics NAV, this book can provide you with information from a helicopter view down to the smallest details, tips and tricks, and workarounds. Empowered with the information in this book you should be able to master, analyse and deliver the most challenging reporting requirements in Dynamics NAV. Microsoft Dynamics NAV 2015 Professional Reporting Packt Publishing Ltd Discover tips and trick for Dynamics NAV report building About This Book Create and customize reports in Dynamics NAV 2015 using RDLC, Word, Power BI, and Reporting Services Work with different elements in the toolbox such as tablix, which can be used as a List, Table, or Matrix and understand the differences between them and when to use which This book is a pragmatic guide with clear instructions and real-world examples to teach you about the reporting capabilities of Dynamics NAV 2015 Who This Book Is For If you are a consultant, developer, customer, user, or just interested in the reporting capabilities of Dynamics NAV, then this book is for you. Basic knowledge of Dynamics NAV will be helpful. What You Will Learn Understand why reports are designed in a specific way and then apply this knowledge to your advantage Develop document reports using different techniques Apply filtering and sorting, and create groups Use RDLC to visualize information

Visualize information, KPIs, and trends using expressions, Gauges, Charts, Data bars, Indicators, and Spark lines Create and optimize your dataset for RDLC and for Word layouts Use Power BI with Dynamics NAV to bring your data to life Build Reporting Services reports on top of Dynamics NAV In Detail Microsoft Dynamics NAV is a multi-lingual, multi-currency business management solution that organizations use to manage their accounts, supply chain, sales, payroll, and HR. It is an ERP tool for organizations that is fast to implement, easy to configure, and simple to use. It is widely used because simplicity is a part of its development, product design, usability, and implementation. This book will help you to master, analyze, and deliver the most challenging reporting requirements in Dynamics NAV 2015. The book starts by explaining report development and its different phases such as data model, layout, and testing you go through. It introduces you to RDLC and the different controls in the toolbox, such as the Tablix, in its many forms. You will learn to use expressions to make your layout dynamic and to overcome typical problems. Moving on, the book will teach you to visualize data and be able to understand and read a report as it is intended. You will also learn to use Microsoft Word to create a layout for a report. With Power BI and Power Pivot, Power View, and Power Map, you will learn how easy and powerful it is to bring your data to life, so you can spot trends and perform in depth analysis of your business. Reporting Services is also explained as another way that you can apply the knowledge you have about RDLC to build RDL layouts outside of Dynamics NAV. By the end, you will create different types of charts so you can visualize key performance indicators inside the Dynamics NAV application. Style and approach This book is an essential guide in to understanding what is involved in creating reports in Dynamics NAV and its reporting capabilities. Microsoft Dynamics NAV Packt Publishing Ltd Implementing ERP Systems About This Book Solve common business problems with the valuable features and flexibility of Dynamics NAV Design software that is maintainable outside the ecosystem of their creators Create configuration packages and perform data migration on your own Who This Book Is For This book is for Dynamics NAV partners, developers, consultants, and end users who want to know everything about Dynamics NAV implementations and development. What You Will Learn Create reusable data migration packages Successfully upgrade your installation to the latest version Manage and expand your existing installation with additional functionalities Apply object-oriented practices to C/AL programming Refactor legacy code and avoid anti-patterns Build relationships with COM technologies Clone codes and their application in Dynamics NAV Automate deployment into Dynamics NAV In Detail Microsoft Dynamics NAV is an Enterprise Resource Planning (ERP) application used in all kinds of organizations around the world. It provides a great variety of functionality, out-of-the-box, in different topics such as accounting, sales, purchase processing, logistics, and manufacturing. Microsoft Dynamics NAV also allows companies to grow their applications by customizing solutions to

meet specific requirements. This course is a hands-on tutorial on working with a real Dynamics NAV implementation. It begins by providing an insight into the different tools available to migrate data from client legacy systems into Microsoft Dynamics NAV. If you are already live with Microsoft Dynamics NAV, you will learn about upgrades and what to expect from them. We'll also show you how to implement additional or expanding functionalities within your existing Microsoft Dynamics NAV installation, perform data analysis, debug error messages, and implement free third-party add-ons to your existing installation. From here, you will be introduced to integrated development tools to make you a highly productive developer in the NAV environment. The course will serve as a comprehensive reference guide, complementing NAV's Help files. You will find this course really useful if you want to evaluate Microsoft Dynamics NAV's development capabilities or need to manage NAV-based projects. Additionally, you will also learn about the NAV application structure, the C/SIDE development environment, the C/AL language, the construction and uses of each object type, and how it all fits together. Moving on, you will be guided through the NAV way of solving problems. You will be introduced to patterns and the software NAV architecture and will then build an example application. Then, you will walk through the details of architectural patterns, design patterns, and implementation patterns and will also learn about anti-patterns and handling legacy code. You will learn how to build solutions using patterns. The course offers premium, highly practical content on this recently released version of Dynamics NAV, and includes material from the following Packt books : *Implementing Microsoft Dynamics NAV - Third Edition* *Programming Microsoft Dynamics™ NAV* *Learning Dynamics NAV Patterns Style and approach* This course is for Dynamics NAV partners, developers, consultants, and end users who want to know everything about Dynamics NAV implementations and development. *Programming Microsoft Dynamics NAV 2009 Develop and Maintain High Performance NAV Applications to Meet Changing Business Needs with Improved Agility and Enhanced Flexibility* Packt Publishing Ltd *Develop and maintain high performance Dynamics NAV applications to meet changing business needs with improved agility and enhanced flexibility using this book and eBook.* *Navision and Dynamics Nav User Guide Volume 2: General Guide for All Users* *User Guide for Navision / Dynamics NAV accounting and ERP software.* Includes general information about how Nav works plus detailed step-by-step instructions with screen shots for many of the basic tasks almost every user will need to perform, including: How to create a customer, enter a sales invoice, receive a payment How to create a vendor, enter a purchase invoice, process a payment How to find the information you need with flow and field filters How to apply a payment or credit memo to an invoice How to delete or reverse a posted invoice or credit memo How to void a check and how to use prepayments How to set up fixed assets and sales tax Easy to follow instructions with step-by-step screen shots. Ideal for all users of Navision /

Dynamics NAV, including clerks, accountants, controllers, and CFOs. Instructions in this manual apply to Navision 2.x, 3.x, and 4.x and Dynamics NAV 4.x, 5.x, and 2009 Classic Client. Microsoft Dynamics Nav 2009 Programming Cookbook Packt Publishing Ltd Build better business applications with Microsoft Dynamics NAV 2009 with this book and eBook. Navision and Dynamics NAV User Guide Volume 1: Advanced Tips for Accounting and Financial Users User Guide for Navision / Dynamics NAV accounting and ERP software. Includes detailed step-by-step instructions with screen shots for many of the more complex tasks typically performed by financial and accounting users, including:How to create recurring and reversing journal entriesHow to reconcile a bank accountHow to create and edit financial statementsHow to change the layout and look of screens and formsHow to close the yearEasy to follow instructions with step-by-step screen shots. Ideal for financial and accounting users of Navision / Dynamics NAV, including controllers, CFOs, and accountants. Instructions in this manual apply to Navision 3.x, and 4.x and Dynamics NAV 4.x, 5.x, and 2009 Classic Client. The basic functions are applicable to the 2009 Role-Tailored Client but the navigation is different. Implementing Microsoft Dynamics NAV Packt Publishing Ltd Explore the capabilities of Dynamics NAV 2016 and discover all you need to implement it About This Book Learn the key roles of your Dynamics NAV partner and the roles within your customer's organization Create configuration packages and perform data migration on your own Find out how to troubleshoot your problems effectively with your Dynamics NAV partner Who This Book Is For This book is for Dynamics NAV partners and end users who want to know everything about Dynamics NAV implementations. It is aimed at those who want to be project managers or get involved with Dynamics NAV, but do not have the expertise to write code themselves. What You Will Learn Study the roles within a Dynamics NAV partner and within a customer's company Create reusable data migration packages Work with the debugger to pinpoint error messages Get to grips with the key tables used in data reporting and analysis Successfully upgrade your installation to the latest version Manage and expand your existing installation with additional functionalities Explore the free third-party add-ons that can leverage your existing installation In Detail Microsoft Dynamics NAV 2016 is an Enterprise Resource Planning (ERP) application used in all kinds of organizations around the world. It provides a great variety of functionality out-of-the-box in different topics such as accounting, sales, purchase processing, logistics, or manufacturing. It also allows companies to grow the application by customizing the solution to meet specific requirements. This book is a hands-on tutorial on working with a real Dynamics NAV implementation. You will learn about the team from your Microsoft Dynamics NAV partner as well as the team within the customer's company. This book provides an insight into the different tools available to migrate data from the client's legacy system into Microsoft Dynamics NAV. If you are already live with Microsoft Dynamics NAV, this books talks about

upgrades and what to expect from them. We'll also show you how to implement additional or expanding functionalities within your existing Microsoft Dynamics NAV installation, perform data analysis, debug error messages, and implement free third-party add-ons to your existing installation. This book will empower you with all the skills and knowledge you need for a successful implementation. Style and approach This book is step-by-step guide to implementing Dynamics NAV from start to finish. Microsoft Dynamics NAV 2009 Application Design Design and extend complete applications using Microsoft Dynamics NAV 2009 Packt Publishing Ltd With this book you'll quickly learn to develop complete Dynamics NAV applications and gain the versatility to design for different enterprise needs and industry sectors. With a user-friendly, fully focused approach it's an indispensable tutorial. Key Features Learn how Dynamics NAV ERP suite is set up and customized for various industries Integrate numerous parts of a company's operations including financial reporting, sales, order management, inventory, and forecasting Develop complete applications and not just skeleton systems Covers the design and implementation of two new add-on services: The Squash application and the Storage ' Logistics application Also usable for previous versions such as 3.x, 4.0, and 5.0 Easy-to-read style, packed with hard-won practical advice Real-world examples with step-by-step explanations Book Description Dynamics NAV 2009 is an Enterprise Resource Planning (ERP) software product from Microsoft that can be used for variety of business needs. It is part of the Microsoft Dynamics family, and intended to assist with finance, manufacturing, Customer Relationship Management, supply chains, analytics, and electronic commerce for small and medium-sized enterprises. This book is a focused tutorial on Microsoft Dynamics NAV application development, so you can develop complete applications and not just application outlines. It will show NAV developers how to create different kinds of applications. Different kinds of application are vital in different industries like fashion, automobile, retail, books (education), and other industries. It starts off by introducing the supply chain that you will be using throughout the book. You will implement the Microsoft Dynamics NAV ERP suite and learn how it is set up and customized for various industries. You will be able to customize Dynamics NAV to suit the different aspects of a business such as Financial Management, Relationship Management, Production, Jobs, Trade, Storage, Logistics, and so on. The book will take you through these Microsoft-designed application features and show you how to customize and extend them safely. Thus, you will be able to create a structure of your own in Microsoft Dynamics NAV. What you will learn Implement Microsoft Dynamics NAV ERP suite with a sample industry application throughout the book Set up Dynamics NAV and customize it for various industries including fashion, retail, and the automobile industry Get to grips with key Dynamics NAV features such as Inventory Valuation, Item Tracking, and Reservations Learn about B2B and B2C Interfacing and the fundamentals of Application Design Learn and

customize application features designed by Microsoft such as Financial Management, CRM, Manufacturing, Distribution / Wholesale, and Retail and extend them safely Design your applications to have a good balance between cost of ownership and functionality Analyze operation data based on sales demographics using Dynamics NAV CRM Extend your core applications using interfaces such as Flatfile, CSV, XMLports, ADO, EDI standards, and web services Who this book is for If you are a NAV consultant and developer, or designer of business applications you will benefit most from this book. The book assumes that you have a basic understanding of business management systems, application development, with a working knowledge of Microsoft Dynamics NAV. Programming Microsoft Dynamics™ NAV 2015 Packt Publishing Ltd NAV 2015 is a complete ERP system, which also contains a robust set of development tools to support customization and enhancement. These include an object designer for each of seven application object types, a business application-oriented programming language with .NET interface capability, a compiler, a debugger, and programming testing language support. This book is designed to take you from an introduction to the product and its integrated development tools to being a productive developer in the NAV 2015 environment. It will serve as a comprehensive reference guide, complementing NAV's Help files. You will find this book really useful if you want to evaluate the product's development capabilities or need to manage NAV 2015 based projects. Additionally, you will also learn about the NAV application structure, the C/SIDE development environment, the C/AL language, the construction and uses of each object type, and how it all fits together. The Nav/Sql Performance Field Guide "The NAV/SQL Performance Field Guide" is a booklet for the experienced NAV/SQL administrator which explains in a simple and easily understandable way the known (and unknown?) performance problems encountering with Microsoft Dynamics NAV (Navision) and Microsoft SQL Server and gives practical advices, solutions and recommendations to fix and avoid problems; covering all major areas of performance optimization and troubleshooting: + Performance Measurement & Analysis + Platform Sizing & Configuration + SQL Server Configuration + Database Setup + Index- and SIFT/VSIFT Tuning + Block- and Deadlock Detection + Query Analysis + C/AL Code Optimization + and much more! Applies to Navision Financials 2.60/2.65 Navision Attain 3.01/3.60/3.70 Microsoft Business Solutions Navision 4.00 Microsoft Dynamics NAV 5.00 Microsoft Dynamics NAV 5.00 SP1 Microsoft Dynamics NAV 2009 Microsoft Dynamics NAV 2009 SP1/R2 Microsoft Dynamics NAV 2013/R2 with Microsoft SQL Server 2000 Microsoft SQL Server 2005 Microsoft SQL Server 2008/R2 Microsoft SQL Server 2012 Extending Microsoft Dynamics NAV 2016 Cookbook Packt Publishing Ltd Make the most of your NAV deployment by extending and customizing it with a variety of expert tools About This Book Extend Dynamics in a cost-effective manner by using tools that are ready at your disposal Solve common business problems with the valuable features and flexibility of

Dynamics NAV Follow practical and easy-to-grasp examples, illustrations, and coding to make the most out of Dynamics NAV in your organisation

Who This Book Is For This book is for Dynamics NAV developers and administrators who have a good knowledge level and understanding of Dynamics NAV application development and administration. **What You Will Learn** Develop a module in Dynamics NAV using C/AL Build relationships with COM technologies Develop and integrate COM with Dynamics NAV 2016 Call the framework members from C/AL Develop an event in the .NET framework and see how to subscribe to it using C/AL Automate the deployment into Dynamics NAV Develop Windows Client Control add-Ins Deploy your resource automatically from Visual Studio Install and Configure Windows Client Control add-Ins Integrate Dynamics NAV with Sharepoint In Detail Microsoft Dynamics NAV is an enterprise resource planning (ERP) software suite for organizations. The system offers specialized functionality for manufacturing, distribution, government, retail, and other industries. Its integrated development environment enables customizations with minimal disruption to business processes. The book starts explaining the new features of Dynamics NAV along with how to create and modify a simple module. Moving on, you will learn the importance of thinking beyond the boundaries of C/AL development and the possibilities opened by with it. Next, you will get to know how COM can be used to extend the functionalities of Dynamics NAV. You'll find out how to extend the Dynamics NAV 2016 version using .NET interoperability and will see the steps required to subscribe to .NET events in order to extend Dynamics NAV. Finally, you'll see the cmdlets available to manage extension packages. By the end of the book, you will have the knowledge needed to become more efficient in selecting the extending methods, developing and deploying them to the Dynamics NAV, and practicing the best practices. **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 NAV implementation. **Dynamics 365 Business Central Development Quick Start Guide** Modern development techniques for Dynamics 365 Business Central Packt Publishing Ltd 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).

Programming Microsoft Dynamics NAV

Customize your NAV applications

About This Book* Gain from the insights and methods of industry-leading experts and tailor your applications to best suit the needs of your business* Learn through the detailed explanations and useful examples that are presented in a logical, step-by-step manner* This comprehensive guide is written with the goals of being used as a classroom text, a self-study text, and as a handy in-depth reference guide

Who This Book Is For This book will appeal to all those who want to learn about NAV's powerful and extensive built-in development capabilities. It assumes that you understand programming and are familiar with business application software, although you aren't expected to have worked with NAV before. ERP consultants and managers of NAV development will also find the book helpful.

What You Will Learn* Productively and effectively use the development tools that are built into Dynamics NAV* Understand the strengths of NAV's development tools and how they can be applied to address functional business requirements* Introduction to programming using the C/AL language in the C/SIDE Development Environment* Explore functional design and development using C/AL* Leverage advanced NAV development features and tools* Get to know the best practices to design and develop modifications of new functionality integrated with the standard NAV software

In Detail Microsoft Dynamics NAV is a full business solution suite, and a complete ERP solution, which contains a robust set of development tools to support customization and enhancement. These tools help in greater control over financials and can simplify supply chain, manufacturing, and operations. This book will take you from an introduction to Dynamics NAV and its integrated development tools to being a productive developer in the Dynamics NAV Development Environment. You will find this book very useful if you want to evaluate the product's development capabilities or need to manage Dynamics NAV based projects. It will teach you about the NAV application structure, the C/SIDE

development environment, the C/AL language paired with the improved editor, the construction and uses of each object type, and how it all fits together to build universal applications. With this new edition, you will be able to understand how to design and develop using Patterns and new features such as Extensions and Events. Style and approach This book is filled with examples and will serve as a comprehensive reference guide, complementing NAV's Help files. Building ERP Solutions with Microsoft Dynamics NAV Packt Publishing Ltd Create real-world enterprise solutions with NAV, Cloud, and the Microsoft stack About This Book Integrate NAV with various offerings of the Microsoft stack to create enterprise-ready and service-oriented solutions Use Power BI and Universal Windows Platform for effective data analysis and real-time tracking with NAV Discover the services offered by Microsoft Azure and implement them in different industries using real-world case scenarios Who This Book Is For This book is for NAV developers and solution architects who need to implement real-world enterprise solutions based on Microsoft Dynamics NAV. Knowledge of the NAV programming language (C/AL) and C# language is recommended. Knowledge of ASP.NET and Visual Studio development would help, but is not necessary. What You Will Learn Configure NAV Web Services and create external applications with Visual Studio, .NET, and .NET Core Solve technical architectural problems by implementing enterprise solutions with NAV Develop applications and solutions with Microsoft Dynamics NAV and the Microsoft technology stack Create a Power BI dashboard for rich reporting and NAV data analysis Find out how to transmit your device location from a UWP application to NAV in order to implement a distributed solution for managing couriers in a sales company Make the most of Microsoft Azure and its services Create enterprise solutions with NAV by using Azure App Service Use Azure Service Bus for managing distributed NAV applications In Detail Implementing Microsoft Dynamics NAV in the real world often requires you to integrate the ERP with external applications or solve complex architectural tasks in order to have a final successful project. This book will show you how to extend a Microsoft Dynamics NAV installation to the enterprise world in a practical way. The book starts with an introduction to Microsoft Dynamics NAV architecture and then moves on to advanced topics related to implementing real-world solutions based on NAV and external applications. You will learn how an enterprise distributed architecture with NAV at the core can be implemented. Through a series of real-world cases on every topic and every industry (sales, retail, manufacturing, distribution, healthcare, and so on), you'll see step by step how to efficiently solve a technical problem. These common problems encountered in a NAV implementation will be solved using the entire technology stack that Microsoft offers. By the end of the book, you will have the knowledge to efficiently solve certain scenarios, you will know which is the best solution architecture to propose to a customer and how to implement it. Style and approach Taking you through a variety of real-world use cases, the book will show you step by

step all you need to know to tackle these problems and give you creative ideas to implement in related problems you might come across in the real world. Learning Dynamics Nav Patterns Create solutions that are easy to maintain, quick to upgrade, and follow proven concepts and designs

About This Book

- Design software that is maintainable outside the ecosystem of their creators
- Ensure quality by following patterns that have been proved to work
- Over two dozen practical Architectural and Design patterns

Who This Book Is For

Learning Dynamics NAV Patterns is intended for developers, architects, (technical) consultants, and application managers. You may have very little or no knowledge about NAV patterns, but you should be acquainted with programming.

What You Will Learn

- Apply object-oriented practices to C/AL programming
- Structure your application to avoid merge conflicts
- Refactor legacy code and avoid anti-patterns
- Design decision trees to decide when to use which patterns
- Clone codes and their application in Dynamics NAV
- Make your application extensible by creating predefined hooks and facades

In Detail

Microsoft Dynamics NAV is a complete ERP system, which also contains a robust set of development tools to support customization and enhancement. These include an object designer for each of the seven application object types, a business application oriented programming language with .NET interface capability, a compiler, a debugger, and programming testing language support.

Learning Dynamics NAV Patterns will guide you through the NAV way of solving problems. This book will first introduce you to patterns and the software architecture of the NAV and then help you to build an example application. Then, it walks you through the details of architectural patterns, design patterns, and implementation patterns. This book will also talk about anti-patterns and handling legacy code. Finally, it teaches you to build solutions using patterns. Proven patterns and best practices will help you create better solutions that are easy to maintain in larger teams across several locations. It will guide you through combining abstract patterns using easy-to-understand examples and will help you decide which patterns to use in which scenarios.

Style and approach

This book explains the concepts of patterns, code structuring, and object-oriented concepts in a way that is easy to understand for Dynamics NAV specialists through practical examples.

Implementing Microsoft Dynamics NAV 2013

Packt Pub Limited This book is step-by-step guide to implementing Dynamics NAV from start to finish. If you are new to Dynamics NAV or have been implementing it for a while, the book will lead you from start to finish, teaching you how to deploy valuable implementations. This book is also for Dynamics NAV implementation consultants, project managers, and developers that want to get a deep view of what Dynamics NAV 2013 can offer, as well as NAV developers that want to learn more about the whole application. IT managers considering the implementation of Dynamics NAV 2013 in their organizations will fully understand what to expect and how to accomplish it upon reading this book

Programming Microsoft Dynamics 365 Business Central

Build customized business applications with the latest

tools in Dynamics 365 Business Central, 6th Edition Packt Publishing Ltd
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.
Inside Microsoft Dynamics AX 2012 R3 Pearson Education 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. Using Microsoft Dynamics AX 2009 Springer Science & Business Media Precise descriptions and instructions enable users, IT officers and consultants to easily understand Microsoft Dynamics AX. Microsoft offers Dynamics AX as its premium ERP solution to supply midsize and larger organizations with a complete business management solution, which is easy to use. Going through a simple but comprehensive

case study - the sample company 'Anso Tenchnologies Inc.' - this book provides the required knowledge to handle all basic business processes in Dynamics AX. Exercises allow to train the processes and functionality described, which makes this book also a good choice for self-study.

Microsoft Dynamics Sure Step 2010 Packt Publishing Ltd The smart guide to the successful delivery of Microsoft Dynamics Business Solutions using Microsoft Dynamics Sure Step 2010 with this book and eBook.

Programming Microsoft® Dynamics" NAV 2009 Develop and maintain high performance NAV applications to meet changing business needs with improved agility and enhanced flexibility Create, modify, and maintain smart NAV applications to meet your client's business needs Thoroughly covers the new features of NAV 2009, including Service Pack 1 Focused on development for the three-tier environment and the Role Tailored Client For experienced programmers with little or no previous knowledge of NAV development Contains detailed documentation and explanations - with useful examples - not readily available elsewhere In Detail Microsoft Dynamics NAV is a well established Enterprise Resource Planning (ERP) application, part of the Microsoft Dynamics family. Dynamics NAV is installed worldwide, with well over one million users. Version 2009 contains many major new features and structures, requiring even experienced Dynamics NAV developers to refresh their NAV development knowledge. Renowned for its challenging learning curve, Dynamics NAV is a complex piece of software with a unique design structure. For developers learning to modify or enhance Dynamics NAV for vital business purposes, the task can sometimes be intimidating. This book is an in-depth step-by-step guide to programming NAV, designed to ease you through the complexities of NAV application development. You will learn the skills and develop the confidence to tackle your own critical NAV applications. This book will act as your experienced NAV programming mentor, helping you to become productive as a NAV developer much more quickly. NAV development is quite complex, with a steep learning curve. This book makes it easy for you. From basic NAV terminology and concept definitions, through the essential building blocks of NAV data structure and objects, you will gain an understanding of the fundamental underlying concepts of NAV. You will learn practical details about NAV object construction and the tools available, including table, page, and report design. You will learn how to use NAV's tools to effectively navigate through the various features of objects, including properties, triggers, and C/AL code, and receive practical guidance on ways to develop and test in the unique NAV C/SIDE development environment. Extensive guidance on software design for NAV is provided along with tips for efficient design of new NAV applications or enhancing existing applications. With its comprehensive collection of NAV information and distillation of years of ... Microsoft Dynamics Nav 2009 Application Design Packt Publishing Ltd This book is a tutorial in an easy-to-read style. It will show Dynamics NAV developers how to create applications of different kinds with sufficient examples throughout. If you

are a NAV consultant and developer, or designer of business applications you will benefit most from this book. The book assumes that you have a basic understanding of business management systems and application development, with a working knowledge of Microsoft Dynamics NAV. Programming Microsoft Dynamics Nav Packt Pub Limited Fast-paced and to-the-point, this book takes you through the important topics of Microsoft Dynamics NAV with clear explanations and practical example code. The book's selection of topics is driven by what the working developer needs to know in order to become productive as quickly as possible. The business applications software designer/developer who: Wants to become productive in NAV C/SIDE C/AL development as quickly as possible Understands business applications and the associated software Has significant programming experience Has access to NAV including at least the Designer granules, preferably a full development license and a standard Cronus demo database Is willing to do the exercises to get hands-on experience The Reseller manager or executive who wants a concise, in depth view of NAVs development environment and tool set The technically knowledgeable manager or executive of a firm using NAV that is about to embark on a significant NAV enhancement project The technically knowledgeable manager or executive of a firm considering purchase of NAV as a highly customizable business applications platform The reader of this book: Does not need to be expert in object-oriented programming Does not need to have previous experience with NAV Implementing Microsoft Dynamics 365 for Finance and Operations Packt Publishing Ltd 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.

Mastering Microsoft Dynamics NAV 2016 Packt Publishing Ltd The compilation of best skillset to harness Microsoft Dynamics NAV for Administrators, Consultants, and Developers

About This Book Take your skills to the next level with Dynamics NAV by implementing all the latest and advanced features

Get a comprehensive coverage of how the NAV system can be implemented and maintained to get the most out of it

Get powerful insights into how to integrate Dynamics NAV with third-party tools and extend its functionality

Who This Book Is For This book is ideal for administrators, developers, and consultants who are looking to take their knowledge of Dynamics NAV to new heights. You're expected to have a basic knowledge of Dynamics NAV workflows and C/AL, C/SIDE development.

What You Will Learn

- Installing the NAV system in different environments
- Implementing the system with the correct setup
- Maintaining the system to get the best possible performance
- Tuning up the Dynamics NAV to get better outcomes
- The Version Control strategy for Dynamics NAV developers
- Integrating other software and features to remove limitations
- Understanding your own system better
- Being able to solve customers' problems with "out-of-the-box" features
- Reducing customization and additional development time

In Detail The book begins by giving you a brief introduction to setting up your NAV environment and shows you how to install and configure it according to your requirements. You will then dive deep into the latest design patterns, network architecture, and topologies. We will show you how you can integrate NAV with the Microsoft platform, and secure your deployment by managing roles and permissions. Moving on, we will explain how to monitor and manage server instances using the Administration tool. We'll discuss how you can take advantage of the expanded extensibility and connectivity capabilities for a tighter integration with the cloud as well as handheld devices. Then, we'll show

you how you can make use of the PowerBI capabilities that have been built into Dynamics NAV. By the end of the book, you will be confident in developing and administering a Dynamics NAV implementation that will leverage all of the new features. Style and approach This book takes a straightforward tutorial approach, providing you with step-by-step explanations and simple example-oriented walkthroughs. It is filled with use cases and situations that show you the different pitfalls you might encounter and how to get past them. Microsoft Dynamics NAV Financial Management Packt Pub Limited This book is an in-depth, practical tutorial demonstrating both the essential basic concepts and the more advanced concepts of financial management in Dynamics NAV. This book is for financiers and accountants who are using Dynamics NAV as their ERP and financial management system. It will also help Dynamics NAV consultants and project managers of organizations who use the system for their daily work. Additionally, the book helps Dynamics NAV developers to understand the use of standard applications in organizations and helps them to develop improved features that are better integrated with existing ones. Programming Microsoft Dynamics NAV 2013 A Comprehensive Guide to NAV 2013 Development and Design Packt Pub Limited Written as a practical guide, this book will show you how to utilize Dynamics NAV 2013 to its full potential. Designed to be a comprehensive reference, it should be the perfect companion for any NAV developer, manager or consultant. This book is for experienced programmers who are either new to Microsoft Dynamics NAV or for experienced developers that want to utilize the fantastic new features of NAV 2013. Managers and consultants will also benefit from understanding NAV environments in order to build on their skills and experience during development projects. Implementing Microsoft Dynamics 365 Business Central On-Premise Explore the capabilities of Dynamics NAV 2018 and Dynamics 365 Business Central and implement them efficiently, 4th Edition Packt Publishing Ltd 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.

Getting Started with Dynamics NAV 2013 Application Development
 Packt Publishing Ltd Presented in an easy-to-follow, step-by-step tutorial, "Getting Started with Dynamics NAV 2013 Application Development" introduces the reader to the main concepts of developing with Dynamics NAV. "Getting Started with Dynamics NAV 2013 Application Development" is for any user who uses Dynamics NAV as their main business software. This is also for any developers who may be familiar with other accounting software and wish to get into developing within the Dynamics NAV field.

Programming Microsoft Dynamics Nav 2013
 Packt Publishing Ltd Programming Microsoft Dynamics NAV 2013. Microsoft Dynamics AX 2012 R3 Financial Management
 Packt Publishing Ltd This book is intended for application consultants, controllers, CFOs, and other professionals who are engaged in a Microsoft Dynamics AX implementation project. Basic knowledge of financial terms, concepts, and Microsoft Dynamics AX terminologies is required.

IBM Cognos Dynamic Query
 IBM Redbooks This IBM® Redbooks® publication explains how IBM Cognos® Business Intelligence (BI) administrators, authors, modelers, and power users can use the dynamic query layer effectively. It provides guidance for determining which technology within the dynamic query layer can best satisfy your business requirements. Administrators can learn how to tune the query service effectively and preferred practices for managing their business intelligence content. This book includes information about metadata modeling of relational data sources with IBM Cognos Framework Manager. It includes considerations that can help you author high-performing applications that satisfy analytical requirements of users. This

book provides guidance for troubleshooting issues related to the dynamic query layer of Cognos BI. Related documents: Solution Guide : Big Data Analytics with IBM Cognos BI Dynamic Query Blog post : IBM Cognos Dynamic Query Extensibility Automated Testing in Microsoft Dynamics 365 Business Central Efficiently automate test cases for faster development cycles with less time needed for manual testing Packt Publishing Ltd Learn how to write automated tests for Dynamics 365 Business Central and discover how you can implement them in your daily work Key FeaturesLeverage automated testing to advance over traditional manual testing methodsWrite, design, and implement automated testsExplore various testing frameworks and tools compatible with Microsoft Dynamics 365 Business CentralBook 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 learnUnderstand the why and when of automated testingDiscover how test-driven development can help to improve automated testingExplore the six pillars of the Testability Framework of Business CentralDesign and write automated tests for Business CentralMake use of standard automated tests and their helper librariesUnderstand the challenges in testing features that interact with the external worldIntegrate automated tests into your development practiceWho 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. SharePoint 2007 Developer's Guide to Business Data Catalog Simon and Schuster The data locked in your organization's systems and databases is a precious -- and sometimes untapped -- resource. The SharePoint Business Data Catalog makes it easy to gather, analyze, and report on data from multiple sources, through SharePoint. Using standard web parts, an efficient management console, and a simple programming model, you can build sites, dashboards, and applications that maximize this business asset.

SharePoint 2007 Developer's Guide to Business Data Catalog is a practical, example-rich guide to the features of the BDC and the techniques you need to build solutions for end users. The book starts with the basics -- what the BDC is, what you can do with it, and how to pull together a BDC solution. With the fundamentals in hand, it explores the techniques and ideas you need to put BDC into use effectively in your organization. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. Knowledge of SharePoint Server and WSS is required. "This book is an absolute must-have!"- Christina Wheeler, SharePoint Consultant, Summit 7 Systems " from experts who know the BDC inside and out."-Monty Grusendorf, Senior Web Developer, Bantrel "An excellent guide for working with the BDC."-Darren Neimke, Author of ASP.NET 2.0 Web Parts in Action "A one-stop guide for SharePoint BDC developers."-Prajwal Khanal, Senior Software Engineer, D2HawkeyeServices Pvt. Ltd. Using Microsoft Dynamics AX 2012 Updated for Version R3 Springer Precise descriptions and instructions enable users, students and consultants to understand MS Dynamics AX 2012 rapidly. Microsoft offers Dynamics AX 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 - the sample company 'Anso Technologies Inc.' - this book provides the required knowledge to handle all basic business processes in Dynamics AX. Exercises are there to train the processes and functionality, also making this book a good choice for self-study. Using Microsoft Dynamics 365 for Finance and Operations Learn and understand the functionality of Microsoft's enterprise solution Springer 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. Implementing Microsoft Dynamics 365 Business Central On-Premise - Fourth Edition 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-

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Complete Guide to Test Automation Techniques, Practices, and Patterns for Building and Maintaining Effective Software Projects

Apress Rely on this robust and thorough guide to build and maintain successful test automation. As the software industry shifts from traditional waterfall paradigms into more agile ones, test automation becomes a highly important tool that allows your development teams to deliver software at an ever-increasing pace without compromising quality. Even though it may seem trivial to automate the repetitive tester's work, using test automation efficiently and properly is not trivial. Many test automation endeavors end up in the "graveyard" of software projects. There are many things that affect the value of test automation, and also its costs. This book aims to cover all of these aspects in great detail so you can make decisions to create the best test automation solution that will not only help your test automation project to succeed, but also allow the entire software project to thrive. One of the most important details that affects the success of the test automation is how easy it is to maintain the automated tests. Complete Guide to Test Automation provides a detailed hands-on guide for writing highly maintainable test code. What You'll Learn

Know the real value to be

expected from test automation Discover the key traits that will make your test automation project succeed Be aware of the different considerations to take into account when planning automated tests vs. manual tests Determine who should implement the tests and the implications of this decision Architect the test project and fit it to the architecture of the tested application Design and implement highly reliable automated tests Begin gaining value from test automation earlier Integrate test automation into the business processes of the development teamLeverage test automation to improve your organization's performance and quality, even without formal authority Understand how different types of automated tests will fit into your testing strategy, including unit testing, load and performance testing, visual testing, and more Who This Book Is For Those involved with software development such as test automation leads, QA managers, test automation developers, and development managers. Some parts of the book assume hands-on experience in writing code in an object-oriented language (mainly C# or Java), although most of the content is also relevant for nonprogrammers.