

Microsoft Dynamics Nav 2009 Programming Cookbook Matt Traxinger

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. 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.

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.

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.

Programming Microsoft Dynamics NAV 2013.

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.

'Microsoft Business Solutions' Navision software is quickly be-coming the industry standard ERP software package product for providing small-to medium-sized manufacturing and distribution companies with integrated business management solutions. Maximizing Your Supply Chain Using Microsoft Navision gives manufacturing practitioners a comprehensive overview of how to most effectively use Navision to manage supply chain activities. This easy-to-follow executive's guide addresses common issues in using the system to solve business problems.

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

Written in an easy-to-read style, this book is a refreshing alternative to the official Microsoft training and reference material which, although comprehensive, can sometimes be tiring to read. This is not a reference book, although you may find you refer to it often, giving you access to years of experience in implementing and programming Dynamics NAV. You will learn all the new features in NAV 2009, without

needing to invest significant study time. Dynamics NAV implementation consultants and developers that want to quickly understand the new features offered in the 2009 release. NAV consultants that want to learn more about programming and extensibility without needing to learn a programming language will also benefit from this book. NAV programmers that want to learn about finance configuration and solution design in order to be a better programmer and design better solutions can also use this book.

A quick book and eBook guide to installing, configuring, deploying, and administering Dynamics NAV with ease

Dig into the architecture and internals of Microsoft Dynamics AX—with firsthand insights from the team who designed and developed it. Deepen your knowledge of the underlying frameworks, components, and tools—and get best-practice guidance to customize and extend your own high-performance solutions. Discover how to: Work with MorphX application-modeling tools and X++ code Exploit built-in workflow infrastructure to simplify process automation Use Enterprise Portal and ASP.NET to build rich, role-based Web portals See how reporting components work together for better business intelligence Execute complex batch jobs with greater control and reliability Learn how the runtime implements configuration and security Walk through integration scenarios and technologies Create and expose services to external applications Optimize application performance and extensibility

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.

Written in the style of a cookbook. Microsoft Dynamics NAV 7 Programming Cookbook is full of recipes to help you get the job done. If you are a junior / entry-level NAV developer then the first half of the book is designed primarily for you. You may or may not have any experience programming. It focuses on the basics of NAV programming. If you are a mid-level NAV developer, you will find these chapters explain how to think outside of the NAV box when building solutions. There are also recipes that senior developers will find useful.

Develop and maintain high performance Dynamics NAV applications to meet changing business needs with improved agility and enhanced flexibility using this book and eBook.

Build better business applications with Microsoft Dynamics NAV 2009 with this book and eBook.

A focused book and ebook tutorial for Microsoft Dynamics NAV application development

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.

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.

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.

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.

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.

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

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).

This book is written in simple, easy to understand format with lots of screenshots and step-by-step explanations. If you are an ABAP developer and consultant looking forward to build advanced SAP programming applications with ABAP, then this is the best guide for you. Basic knowledge of ABAP programming would be required.

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.

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

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.

This book takes you through the important topics of Microsoft Dynamics NAV with clear

explanations and practical example code. There is also a substantial amount of reference material, which has been brought together in one place for you. This book takes care of what the working developer needs to know in order to become productive as quickly as possible. This book is for NAV consultants and developers, and developers or designers of business applications. Managers of NAV development or consultants will also find the book a helpful introduction to understanding NAV development capabilities. Any previous experience with NAV is not expected. Some basic knowledge of object-oriented programming will be quite helpful.

Use Arrow's affordable and breadboard-friendly FPGA development board (BeMicro MAX 10) to create a light sensor, temperature sensor, motion sensor, and the KITT car display from Knight Rider. You don't need an electronics engineering degree or even any programming experience to get the most out of *Beginning FPGA: Programming Metal*. Just bring your curiosity and your Field-Programmable Gate Array. This book is for those who have tinkered with Arduino or Raspberry Pi, and want to get more hands-on experience with hardware or for those new to electronics who just want to dive in. You'll learn the theory behind FPGAs and electronics, including the math and logic you need to understand what's happening - all explained in a fun, friendly, and accessible way. It also doesn't hurt that you'll be learning VHDL, a hardware description language that is also an extremely marketable skill. What You'll Learn: Learn what an FPGA is and how it's different from a microcontroller or ASIC Set up your toolchain Use VHDL, a popular hardware description language, to tell your FPGA what to be Explore the theory behind FPGA and electronics Use your FPGA with a variety of sensors and to talk to a Raspberry Pi Who This Book is For: Arduino, Raspberry Pi, and other electronics enthusiasts who want a clear and practical introduction to FPGA.

If you are a NAV consultant and developer or a designer of business applications, you will benefit most from this book. This book assumes that you have a basic understanding of business management systems and application development with working knowledge of Microsoft Dynamics NAV.

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.

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! 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.

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.

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 smart guide to the successful delivery of Microsoft Dynamics Business Solutions using Microsoft Dynamics Sure Step 2010 with this book and eBook. Web Programming with HTML5, CSS, and JavaScript is written for the undergraduate, client-side web programming course. It covers the three client-side technologies (HTML5, CSS, and JavaScript) in depth, with no dependence on server-side technologies.

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 it's 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.

Over 60 simple but incredibly effective recipes for taking control of OFBiz.

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