

The Nav Sql Performance Field Guide Fixing Trouble With Microsoft Dynamics Nav And Microsoft Sql Server Version 2 03

The Nav/Sql Performance Field Guide **Mastering Microsoft Dynamics NAV 2016** Microsoft Dynamics Nav 2015 Professional Reporting Microsoft Dynamics Nav 2009 Programming Cookbook **Programming Microsoft Dynamics Nav 2013** *Microsoft Dynamics NAV 2015 Professional Reporting Programming* Microsoft Dynamics NAV Building ERP Solutions with Microsoft Dynamics NAV **Microsoft Dynamics NAV Programming** *Microsoft Dynamics™ NAV 2015 Programming* Microsoft Dynamics NAV 2009 Implementing Microsoft Dynamics 365 Business Central On-Premise **Microsoft Dynamics Nav Administration** Learning Dynamics Nav Patterns **Microsoft Dynamics NAV 2009** *Microsoft Dynamics NAV 2009 Application Design* Implementing Microsoft Dynamics NAV **Microsoft Dynamics NAV Development Quick Start Guide** Extending Microsoft Dynamics NAV 2016 Cookbook **Microsoft Dynamics NAV 2016 Financial Management** Microsoft Dynamics NAV 2013 Application Design **Microsoft Dynamics NAV 7 Programming Cookbook** **InfoWorld Pro Oracle SQL Implementing Azure Cloud Design Patterns** Learning Microsoft Azure Storage Oracle Web Application Programming for PL/SQL Developers *Mastering Microsoft Dynamics 365 Business Central* **Reliability and**

Performance with IBM DB2 Analytics Accelerator V4.1 *Dynamics 365 Business Central Development Quick Start Guide* **Proceedings 2003 VLDB Conference** *High Performance in-memory computing with Apache Ignite* *Millennial Star; 102 No. 27 Mastering SQL Server Profiler Oracle Database 10g SQL IBM DB2 9.7 Advanced Administration Cookbook Microsoft SQL Server 2012 Bible Programming Microsoft Dynamics 365 Business Central Microsoft Dynamics NAV Development Quick Start Guide*

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| Microsoft Dynamics NAV 2016 Financial Management Feb 10 2021 Master the world | of financial management with Microsoft Dynamics NAV 2016 About This Book Familiarize yourself with Dynamics NAV | and get up to date with the latest release – this is an invaluable tool for financial management Learn how to use |
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reporting tools that will help you to make the right decisions at the right time Explore features inside the sale and purchase areas as well as functionalities including payments, budgets, cash flow, fixed assets, and business intelligence Who This Book Is For This book will appeal to financiers and accountants who are using Dynamics NAV as their ERP and financial management system. Dynamics NAV consultants and project managers will find it useful for their daily work. What You Will Learn Handle complete business processes for purchases and sales in Dynamics NAV. Use the banking features and the

reconciliation process to gain greater insights into a company's financial status. Report data in a meaningful way that provides the company with insightful analysis. Set up dimensions and link them with master tables and journals. Work with multi-currency and intercompany postings. Receive and send documents electronically. Manage complete Fixed Asset by Setup, transactions, budgets, and Fixed Asset Reporting. In Detail Microsoft Dynamics NAV is a global Enterprise Resource Planning (ERP) solution that provides small and mid-size businesses with greater control over their finances and a way to simplify their supply chain,

manufacturing, and operations. Microsoft Dynamics NAV Financial Management explains all you need to know in order to successfully handle your daily financial management tasks. This book walks you through all the improvements in the latest release and shows you how to apply them in your workplace. You will learn about functionalities including sales and purchase processes, payments, bank account management, reporting taxes, budgets, cash flow, fixed assets, cost accounting, inventory valuation, workflows, sending and receiving electronic documents, and business intelligence. This book comprehensively covers all the

financial management features inside the latest version of Dynamics NAV and follows a logical schema. By the time you're finished this book you will have learned about budgets, cash flow management, currencies, intercompany postings, and accounting implications in areas such as jobs, services, warehousing, and manufacturing. Style and approach This book is an in-depth, practical tutorial demonstrating both the basic and more advanced concepts of financial management in Dynamics NAV.

Implementing Azure Cloud Design Patterns Sep 07 2020
A hands-on guide to mastering

Azure cloud design patterns and best practices. Key Features Master architectural design patterns in Azure. Get hands-on with implementing design patterns. Implement best practices for improving efficiency and security Book Description A well designed cloud infrastructure covers factors such as consistency, maintenance, simplified administration and development, and reusability. Hence it is important to choose the right architectural pattern as it has a huge impact on the quality of cloud-hosted services. This book covers all Azure design patterns and functionalities to help you build your cloud infrastructure so it

fits your system requirements. This book initially covers design patterns that are focused on factors such as availability and data management/monitoring. Then the focus shifts to complex design patterns such as multitasking, improving scalability, valet keys, and so on, with practical use cases. The book also supplies best practices to improve the security and performance of your cloud. By the end of this book, you will thoroughly be familiar with the different design and architectural patterns available with Windows Azure and capable of choosing the best pattern for your system. What you will

learn Learn to organize Azure access Design the core areas of the Azure Execution Model Work with storage and data management Create a health endpoint monitoring pattern Automate early detection of anomalies Identify and secure Azure features Who this book is for This book is targeted at cloud architects and cloud solution providers who are looking for an extensive guide to implementing different patterns for the deployment and maintenance of services in Microsoft Azure. Prior experience with Azure is required as the book is completely focused on design patterns.

Microsoft SQL Server 2012

Bible Aug 26 2019 Harness the powerful new SQL Server 2012 Microsoft SQL Server 2012 is the most significant update to this product since 2005, and it may change how database administrators and developers perform many aspects of their jobs. If you're a database administrator or developer, Microsoft SQL Server 2012 Bible teaches you everything you need to take full advantage of this major release. This detailed guide not only covers all the new features of SQL Server 2012, it also shows you step by step how to develop top-notch SQL Server databases and new data connections and keep your databases performing at peak.

The book is crammed with specific examples, sample code, and a host of tips, workarounds, and best practices. In addition, downloadable code is available from the book's companion web site, which you can use to jumpstart your own projects. Serves as an authoritative guide to Microsoft's SQL Server 2012 for database administrators and developers Covers all the software's new features and capabilities, including SQL Azure for cloud computing, enhancements to client connectivity, and new functionality that ensures high-availability of mission-critical applications Explains major new changes to the SQL Server

Business Intelligence tools, such as Integration, Reporting, and Analysis Services Demonstrates tasks both graphically and in SQL code to enhance your learning Provides source code from the companion web site, which you can use as a basis for your own projects Explores tips, smart workarounds, and best practices to help you on the job Get thoroughly up to speed on SQL Server 2012 with Microsoft SQL Server 2012 Bible.

[Extending Microsoft Dynamics NAV 2016 Cookbook](#) Mar 14 2021 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.

Microsoft Dynamics NAV

May 16 2021 Mastering Microsoft Dynamics NAV for beginners and IT professionals:

from jump start to optimization. This book covers general use and shows you how to tailor Microsoft Dynamics NAV to mirror your firm's unique needs. Learn skills that enable you to navigate and interpret the world of possibilities locked within the ERP system. Through easy, concrete examples, you will master the layered environment and be able to use and create reports, forms, import/export functions and more. This book gives you the basis you need to demand the best information infrastructure for your enterprise.

Oracle Database 10g SQL

Oct 28 2019 This volume will take you from novice to master,

covering not only how to use SQL but also the Oracle extensions to SQL. The examples feature the sample schemas available with Oracle Database 10g, and free code will be available for download.

Microsoft Dynamics NAV

Feb 22 2022 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.

Pro Oracle SQL Oct 09 2020

Pro Oracle SQL unlocks the power of SQL in the Oracle Database—one of the most potent SQL implementations on the market today. To master it requires a three-pronged approach: learn the language features, learn the supporting features that Oracle provides to help use the language effectively, and learn to think and work in sets. Karen Morton and her team help you master powerful aspects of Oracle SQL not found in competing databases. You'll learn analytic functions, the MODEL clause, and advanced grouping syntax—features that will help in creating good queries for reporting and business

intelligence applications. Pro Oracle SQL also helps you minimize parsing overhead, read execution plans, test for correct results, and exert control over SQL execution in your database. You'll learn when to create indexes, how to verify that they make a difference, how to use SQL Profiles to optimize SQL in packaged applications, and much more. You'll also understand how SQL is optimized for working in sets, and that the key to getting accurate results lies in making sure that queries ask clear and precise questions. What's the bottom-line? Pro Oracle SQL helps you work at a truly professional level in Oracle

dialect of SQL. You'll master the language, the tools to work effectively with the language, and the right way to think about a problem in SQL. Pro Oracle SQL helps you rise above the crowd to provide stellar service in your chosen profession. Endorsed by the OakTable Network, a group of Oracle technologists well-known for their rigorous and scientific approach to Oracle Database performance Comprehensive—goes beyond the language with a focus on what you need to know to write successful queries and data manipulation statements. [Microsoft Dynamics Nav 2009 Programming Cookbook](#) Jul 30 2022 Build better business

applications with Microsoft Dynamics NAV 2009 with this book and eBook.

InfoWorld Nov 09 2020

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Microsoft Dynamics NAV 2015 Professional Reporting May 28 2022 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 Development Quick Start Guide

Apr 14 2021 Learn development skills and improve productivity when programming in Microsoft Dynamics NAV 2018 - the popular Enterprise Resource Planning management system used across a variety of industries for business process management Key FeaturesSolve common business problems with the valuable features and flexibility of Dynamics NAVUnderstand the structure of NAV database - how documents and business

entities are mapped to DB tables. Design user interface and bind the presentation layer with the data storage. Book Description 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. This book gets you started with its integrated development environment for solving problems by customizing business processes. This book introduces the NAV development environment - C/SIDE. It gives an overview of the internal system language

and the most essential development tools. The book will enable the reader to customize and extend NAV functionality with C/AL code, design a user interface through pages, create role centers, and build advanced reports in Microsoft Visual Studio. By the end of the book, you will have learned how to extend the NAV data model, how to write and debug custom code, and how to exchange data with external applications. What you will learn: Manage NAV Server configuration with Microsoft Management Console; Manage NAV installation with the NAV Administration Shell; Create integration events and extend functionality via the NAV event

model; Run XML Ports from C/AL code; Design reports and write client code in RDLC expressions. Who this book is for: This book is for experienced NAV users who have an understanding of basic programming concepts. Familiarity with NAV development environment or its internal development language - C/AL is not expected. **Reliability and Performance with IBM DB2 Analytics Accelerator V4.1** May 04 2020 The IBM® DB2® Analytics Accelerator for IBM z/OS® is a high-performance appliance that integrates the IBM zEnterprise® infrastructure with IBM PureData™ for Analytics,

powered by IBM Netezza® technology. With this integration, you can accelerate data-intensive and complex queries in a DB2 for z/OS highly secure and available environment. DB2 and the Analytics Accelerator appliance form a self-managing hybrid environment running online transaction processing and online transactional analytical processing concurrently and efficiently. These online transactions run together with business intelligence and online analytic processing workloads. DB2 Analytics Accelerator V4.1 expands the value of high-performance analytics. DB2 Analytics Accelerator V4.1 opens to

static Structured Query Language (SQL) applications and row set processing, minimizes data movement, reduces latency, and improves availability. This IBM Redbooks® publication provides technical decision-makers with an understanding of the benefits of version 4.1 of the Analytics Accelerator with DB2 11 for z/OS. It describes the installation of the new functions, and the advantages to existing analytical processes as measured in our test environment. This book also introduces the DB2 Analytics Accelerator Loader V1.1, a tool that facilitates the data population of the DB2 Analytics Accelerator.

Programming Microsoft Dynamics NAV Apr 26 2022
Customize your NAV applications Key Features 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 Book Description Microsoft Dynamics NAV is a full business solution suite, and a complete ERP solution that contains a robust set of

development tools to support customization and enhancement. These tools provide 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. 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 Learn how to do programming using the C/AL language in the C/SIDE

Development Environment Explore functional design and development using C/AL Leverage advanced Dynamics NAV development features and tools Get to know the best practices to design and develop modifications of new functionality integrated with the standard Dynamics NAV software 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.

Microsoft Dynamics NAV

2009 Aug 19 2021 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.

Implementing Microsoft Dynamics 365 Business Central On-Premise Nov 21 2021 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. [Dynamics 365 Business Central Development Quick Start Guide](#) Apr 02 2020 Understanding the new Microsoft Extension model for development Key Features Develop solutions for Dynamics 365 Business Central Orient yourself with the new Microsoft Extension model for development Learn modern ways to develop with Dynamics 365 Business Central Book Description Microsoft Dynamics 365 Business Central is the new SaaS ERP proposition from Microsoft. This latest version has many exciting features guaranteed to

make your life easier. This book is an ideal guide to Dynamics 365 Business Central and will help you get started with implementing and designing solutions for real-world scenarios. This book will take you through the fundamental topics for implementing solutions based on Dynamics 365 Business Central (on-premise and SaaS). We'll see the core topics of the new development model (based on extensions) and we'll see how to create applications with the new Microsoft ERP proposition. The book begins by explaining the basics of Dynamics 365 Business Central and the Microsoft ERP proposition. We will then cover topics such as

extensions, the new modern development model of Visual studio code, sandboxes, Docker, and many others. By the end of the book, you will have learned how to debug and compile extensions and to deploy them to the cloud and on-premise. You will also have learned how to create serverless business processes for Microsoft Dynamics 365 Business Central. What you will learn Develop solutions for Dynamics 365 Business Central Create a sandbox for extensions development (local or on cloud) Use Docker with Dynamics 365 Business Central Create extensions for Dynamics 365 Business Central Handle dependencies, translations and

reporting Deploy extensions on-premise and to the cloud Create serverless processes with Dynamics 365 Business Central Understand source code management for AL Who this book is for This book is for Microsoft Dynamics 365 Business Central solution developers and architects that needs to implement solutions based on the Microsoft's ERP (on-premise and SaaS).

Mastering SQL Server Profiler
Nov 29 2019

Microsoft Dynamics NAV 7 Programming Cookbook Dec 11 2020 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.

Mastering Microsoft Dynamics 365 Business Central Jun 04 2020 Develop customized business management solutions with the latest features of Microsoft Dynamics 365 Business Central Key FeaturesLearn Dynamics 365

Business Central, the next generation of Dynamics NAVExplore advanced topics for handling complex integrations such as using APIs, OData, and Azure FunctionsDiscover best practices for developing SaaS extensions and moving existing solutions to the cloudBook Description Dynamics 365 Business Central is an all-in-one business management solution, which is easy to adopt and helps you make smarter business decisions. This book is a comprehensive guide to developing solutions with Microsoft ERP (in the cloud and also on-premises). It covers all aspects of developing extensions, right from

preparing a sandbox environment to deploying a complete solution. The book starts by introducing you to the Dynamics 365 Business Central platform and the new Modern Development Environment. You'll then explore the sandbox concept, and see how to create sandboxes for development. As you advance, you'll be able to build a complete advanced solution for Dynamics 365 Business Central with AL language and Visual Studio Code. You'll then learn how to debug and deploy the extension and write automatic testing. The book will also take you through advanced topics like integration (with Azure Functions, web services, and

APIs), DevOps and CI/CD techniques, and machine learning. You'll discover how Dynamics 365 Business Central can be used with Office 365 apps. Finally, you'll analyze different ways to move existing solutions to the new development model based on extensions. By the end of this book, you'll be able to develop highly customized solutions that meet the requirements of modern businesses using Dynamics 365 Business Central. What you will learn Create a sandbox environment with Dynamics 365 Business Central Handle source control management when developing solutions Explore extension

testing, debugging, and deployment Create real-world business processes using Business Central and different Azure services Integrate Business Central with external applications Apply DevOps and CI/CD to development projects Move existing solutions to the new extension-based architecture Who this book is for If you're a new developer looking to get started with Dynamics 365 Business Central, this book is for you. This book will also help experienced professionals enhance their knowledge and understanding of Dynamics 365 Business Central.
Microsoft Dynamics NAV Development Quick Start

Guide Jun 24 2019 Learn development skills and improve productivity when programming in Microsoft Dynamics NAV 2018 - the popular Enterprise Resource Planning management system used across a variety of industries for business process management Key Features Solve common business problems with the valuable features and flexibility of Dynamics NAV Understand the structure of NAV database - how documents and business entities are mapped to DB tables Design user interface and bind the presentation layer with the data storage Book Description 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. This book gets you started with its integrated development environment for solving problems by customizing business processes. This book introduces the NAV development environment - C/SIDE. It gives an overview of the internal system language and the most essential development tools. The book will enable the reader to customize and extend NAV functionality with C/AL code, design a user interface through

pages, create role centers, and build advanced reports in Microsoft Visual Studio. By the end of the book, you will have learned how to extend the NAV data model, how to write and debug custom code, and how to exchange data with external applications. What you will learn Manage NAV Server configuration with Microsoft Management Console Manage NAV installation with the NAV Administration Shell Create integration events and extend functionality via the NAV event model Run XML Ports from C/AL code Design reports and write client code in RDLC expressions Who this book is for This book is for experienced NAV users who have an

understanding of basic programming concepts. Familiarity with NAV development environment or its internal development language-C/AL is not expected. *High Performance in-memory computing with Apache Ignite* Jan 30 2020 This book covers a verity of topics, including in-memory data grid, highly available service grid, streaming (event processing for IoT and fast data) and in-memory computing use cases from high-performance computing to get performance gains. The book will be particularly useful for those, who have the following use cases: 1) You have a high volume of ACID transactions in

your system. 2) You have database bottleneck in your application and want to solve the problem. 3) You want to develop and deploy Microservices in a distributed fashion. 4) You have an existing Hadoop ecosystem (OLAP) and want to improve the performance of map/reduce jobs without making any changes in your existing map/reduce jobs. 5) You want to share Spark RDD directly in-memory (without storing the state into the disk) 7) You are planning to process continuous never-ending streams and complex events of data. 8) You want to use distributed computations in parallel fashion to gain high

performance.

Programming Microsoft Dynamics 365 Business Central

Jul 26 2019 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 FeaturesTailor your applications to best suit the needs of your businessExplore the latest features of Business Central with examples curated by industry expertsIntegrate Business Central features in your applications with this comprehensive guideBook 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.

Millennial Star; 102 No. 27 Dec 31 2019 This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations.

Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we

concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

[Oracle Web Application Programming for PL/SQL Developers](#) Jul 06 2020 Learn to use Oracle 9i to build dynamic, data-driven Web sites. Get step-by-step details

on creating and deploying Web applications using PL/SQL, HTML, Java, XML, WML, Perl and PHP. This book covers everything users need to know to master Web application development in an Oracle environment - using PL/SQL. [Learning Microsoft Azure Storage](#) Aug 07 2020 A step-by-step guide to get you up and running with Azure Storage services and helps you build solutions that leverage effective design patterns About This Book Discover best practices for designing and implementing Azure Storage for Azure VMs, and highly available apps Effectively plan, design, and implement SQL databases with Azure Protect

your data with Azure Backup and Azure Site Recovery Who This Book Is For This book is targeted at Developers, IT Professionals, and even Database Admins who have experience of working on Microsoft Azure and want to make the most of Azure Storage services. Some knowledge of SQL Server will be beneficial. What You Will Learn Understand Azure Storage types and determine the appropriate one for your needs Design Azure Storage for Azure VMs according to best practices Design and implement your SQL Database on Azure according to best practices Learn how to work with Azure Backup Learn how

to work with Azure Site Recovery Extend Azure Storage to StorSimple Monitor storage metrics and logs and customize the Azure monitoring dashboard Monitor and troubleshoot Azure Storage In Detail Microsoft Azure Storage is the bedrock of Microsoft's core storage solution offering in Azure. No matter what solution you are building for the cloud, you'll find a compelling use for Azure Storage. This book will help you get up-to-speed quickly on Microsoft Azure Storage by teaching you how to use the different storage services. You will be able to leverage secure design patterns based on real-world scenarios and develop a

strong storage foundation for Azure virtual machines. You will start this book with an introduction to Microsoft Azure storage and how it can be used to build large-scale, real-world applications using Azure storage services such as blob, table, queue, and file. This book will also teach you about the different types of Azure Storage. You will then find out the best practices for designing your Azure VM storage, whether it is Windows based or Linux based and how to migrate your storage in different scenarios. You will learn also how to plan and implement your SQL database solution on Azure, and how to build your SQL database in

different service models (IaaS/PaaS). Moreover, you will also learn best practices for dealing with Azure Backup, the role of Azure Site Recovery, and the solutions they offer in different scenarios. Finally, you will use StorSimple to unlock the maximum value from all of your data, and some tools that will help you manage your storage on-and off-premise (Azure), such as AzCopy and Storage Explorer. Monitoring your storage in no laughing matter, so you will learn to monitor, diagnose and troubleshoot it. Style and approach This book will provide an in-depth insight into properly designing your environment and saving money

on your running workloads. Using cutting-edge examples, you will be able to efficiently monitor, diagnose, and troubleshoot Azure Storage.

Proceedings 2003 VLDB

Conference Mar 02 2020
Proceedings of the 29th Annual International Conference on Very Large Data Bases held in Berlin, Germany on September 9-12, 2003. Organized by the VLDB Endowment, VLDB is the premier international conference on database technology.

[The Nav/Sql Performance Field Guide](#) Nov 02 2022 "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
*Programming Microsoft
Dynamics NAV 2009* Dec 23
2021 Develop and maintain
high performance Dynamics
NAV applications to meet
changing business needs with
improved agility and enhanced
flexibility using this book and

eBook.
[Microsoft Dynamics NAV 2013
Application Design](#) Jan 12 2021
From the fundamentals of
supply chain to its features and
Microsoft NAV ERP suite
implementation to use it in
different aspect of business
function to create your own
structure in Microsoft NAV Key
Features Assess and overcome
various challenges while
implementing the Microsoft
NAV ERP system in your
business Turn an end-to-end
structure of your own into
Microsoft Dynamics NAV with
this practical guide Customize
Dynamics NAV to suit the
different aspects of a business
Book Description This book is a
focused tutorial on Microsoft

Dynamics NAV application
development to help you
develop complete applications
and not just application
outlines. This hands-on guide
starts off by introducing the
supply chain that you will be
using throughout the book. You
will then implement the
Microsoft Dynamics NAV ERP
suite and learn to set it up and
customize it for various
industries. You will learn how
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. Therefore, by the end of this book, you will be able to create a structure of your own in Microsoft Dynamics NAV. What you will learn Set up and customize the Dynamics NAV ERP suite for various industries Study dozens of design patterns used in standard applications Customize Microsoft's application features and extend them safely Use blueprints, design patterns, and application objects for Equipment Reservations and Transport Management Master the fundamentals of application design and learn about B2B and B2C interfacing Design applications that strike a

balance between total cost of ownership and functionality Extend your core applications using interfaces with flat file, CSV, XMLPorts, ADO, EDIFACT, and web services Who this book is for 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. *Implementing Microsoft Dynamics NAV* Jun 16 2021 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 book 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. *Programming Microsoft Dynamics™ NAV 2015* Jan 24

2022 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. *Microsoft Dynamics NAV 2009 Application Design* Jul 18 2021 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 2013** Jun 28 2022 Programming Microsoft Dynamics NAV 2013. Microsoft Dynamics Nav 2015 Professional Reporting Aug 31 2022 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 NAVIn DetailMicrosoft 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.

IBM DB2 9.7 Advanced Administration Cookbook

Sep 27 2019 This is a practical hands-on book with clear instructions and lot of code examples. It takes a simple approach, guiding you through different architectural topics using realistic sample projects

Microsoft Dynamics Nav Administration

Oct 21 2021 A quick book and eBook guide to installing, configuring, deploying, and administering Dynamics NAV with ease

Mastering Microsoft

Dynamics NAV 2016 Oct 01 2022 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.

Building ERP Solutions with Microsoft Dynamics NAV

Mar 26 2022 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](#) Sep 19 2021 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.