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# Solutions overview

Applies to Synamics 365 (online), version 9.x

Solutions exist so that a set of customizations can be purchased, share from one organization to another. You can get solutions from AppSou software vendor (ISV). A Dynamics 365 solution is a file that you can in customizations.

More information: Whitepaper: Patterns and Principles for Solution Bu

# ① Note

If you're an ISV creating a customization that you will distribute, you For more information about using solutions, see <u>Package and distri</u> solutions.

If you are just interested in customizing your organization, here is what solutions:

- Creating solutions is optional. You can customize your Dynamics without ever creating a solution.
- When you customize the Dynamics 365 system directly, you work
  called the **Default Solution**. This solution contains all the common

# **Microsoft Nav 20user Guide**

Marije Brummel, Michael Nielsen, David Studebaker

#### Microsoft Nav 20user Guide:

Microsoft Dynamics Nav Administration Amit Sachdev, Sharan Oberoi, 2010-09-24 A guick book and eBook guide to installing configuring deploying and administering Dynamics NAV with ease Microsoft Dynamics NAV Development <u>Ouick Start Guide</u> Alexander Drogin, 2018-12-27 Learn development skills and improve productivity when programming in Microsoft Dynamics NAV 2018 the popular Enterprise Resourse 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 NAVUnderstand the structure of NAV database how documents and business entities are mapped to DB tablesDesign user interface and bind the presentation layer with the data storageBook 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 learnManage NAV Server configuration with Microsoft Management ConsoleManage NAV installation with the NAV Administration ShellCreate integration events and extend functionality via the NAV event modelRun XML Ports from CAL codeDesign reports and write client code in RDLC expressionsWho 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 Programming Microsoft Dynamics Nav 2013 David A. Studebaker, 2013-01-01 Programming Microsoft Dynamics NAV 2013 **Microsoft Dynamics NAV Complete** Self-Assessment Guide Gerardus Blokdyk, Microsoft Dynamics NAV 2013 Application Design Marije Brummel, Michael Nielsen, David Studebaker, 2014-09-16 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 businessTurn an end to end structure of your own into Microsoft Dynamics NAV with this practical guideCustomize Dynamics NAV to suit the different aspects of a businessBook 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 learnSet up and customize the Dynamics NAV ERP suite for various industriesStudy dozens of design patterns used in standard applicationsCustomize Microsoft's application features and extend them safely Use blueprints design patterns and application objects for Equipment Reservations and Transport ManagementMaster the fundamentals of application design and learn about B2B and B2C interfacingDesign applications that strike a balance between total cost of ownership and functionalityExtend 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 The Microsoft Dynamics Nav Handbook - Everything You Need to Know about Microsoft Dynamics Nav Angela Frost, 2016-11-17 The Microsoft Dynamics NAV Handbook is the definitive manual for anyone interested in gaining observing or defending against Microsoft Dynamics NAV control In the book Angela Frost distilled years of the history of Microsoft Dynamics NAV success into essentials by drawing from the experiences of professionals The Microsoft Dynamics NAV Handbook is ideal whether your aim is conquest self defense or simply to understand the rules of the Microsoft Dynamics NAV game PLUS INCLUDED with your purchase are real life document resources this kit is available for instant download giving you the tools to navigate and deliver on any Microsoft Dynamics NAV goal Programming Microsoft Dynamics NAV Marije Brummel, David A. Studebaker, Christopher D. Studebaker, Luc van Vugt, 2017-04-26 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 Microsoft Dynamics Nav Complete Self-Assessment Guide Gerardus Blokdyk, 2018-01-05 Are there recognized Microsoft Dynamics NAV problems What management system can we use to leverage the Microsoft Dynamics NAV experience ideas and concerns of the people closest to the work to be done What role does communication play in the success or failure of a Microsoft Dynamics NAV project Is Microsoft Dynamics NAV Required Will Microsoft Dynamics NAV deliverables need to be tested and if so by whom This amazing Microsoft Dynamics NAV self assessment will make you the accepted Microsoft Dynamics NAV domain visionary by revealing just what you need to know to be fluent and ready for any Microsoft Dynamics NAV challenge How do I reduce the effort in the Microsoft Dynamics NAV work to be done to get problems solved How can I ensure that plans of action include every Microsoft Dynamics NAV task and that every Microsoft Dynamics NAV outcome is in place How will I save time investigating strategic and tactical options and ensuring Microsoft Dynamics NAV opportunity costs are low How can I deliver tailored Microsoft Dynamics NAV advise instantly with structured going forward plans There s no better guide through these mind expanding questions than acclaimed best selling author Gerard Blokdyk Blokdyk ensures all Microsoft Dynamics NAV essentials are covered from every angle the Microsoft Dynamics NAV self assessment shows succinctly and clearly that what needs to be clarified to organize the business project activities and processes so that Microsoft Dynamics NAV outcomes are achieved Contains extensive criteria grounded in past and current successful projects and activities by experienced Microsoft Dynamics NAV practitioners Their mastery combined with the uncommon elegance of the self assessment provides its superior value to you in knowing how to ensure the outcome of any efforts in Microsoft Dynamics NAV are maximized with professional results Your purchase includes access details to the Microsoft Dynamics NAV self assessment dashboard download which gives you your dynamically prioritized projects ready tool and shows your organization exactly what to do next Your exclusive instant access details can be found in your book The NAV/SQL Performance Field Guide Jörg Stryk,2013 Microsoft Dynamics NAV Alex Chow, Laura Nicolas Lorente, Cristina Nicolas Lorente, Vjekoslav Babic, David

Roys, David Studebaker, Christopher Studebaker, Mark Brummel, 2017-03-31 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 Navision and Dynamics NAV User Guide Ruth Lestina, 2011-07-07 User Guide for Navision Dynamics NAV accounting and ERP software Includes detailed step by step instructions with screen shots

for many of the more complex tasks typically performed by financial and accounting users including How to create recurring and reversing journal entriesHow to reconcile a bank accountHow to create and edit financial statementsHow to change the layout and look of screens and formsHow to close the yearEasy to follow instructions with step by step screen shots Ideal for financial and accounting users of Navision Dynamics NAV including controllers CFOs and accountants Instructions in this manual apply to Navision 3 x and 4 x and Dynamics NAV 4 x 5 x and 2009 Classic Client The basic functions are applicable to the 2009 Role Tailored Client but the navigation is different Microsoft Dynamics NAV 2015 Professional Reporting Steven Renders, 2015-09-18 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

Roletailoring Microsoft Dynamics NAV Peik Bech-Andersen, Microsoft Dynamics NAV A Complete Guide - 2020 Edition Gerardus Blokdyk, 2019-09-06 What are the requirements for an adaptive complex system What role should your CEO play in ERP selection replacement Where are the cloud providers service centres and what level of vetting have staff undergone Are you satisfied with the external support provided the cloud provider Is it a requirement that the cloud product integrate with the pre qualification tool This best selling Microsoft Dynamics NAV self assessment will make you the trusted Microsoft Dynamics NAV domain assessor by revealing just what you need to know to be fluent and ready for any Microsoft Dynamics NAV challenge How do I reduce the effort in the Microsoft Dynamics NAV work to be done to get problems solved How can I ensure that plans of action include every Microsoft Dynamics NAV task and that every Microsoft Dynamics NAV outcome is in place How will I save time investigating strategic and tactical options and ensuring Microsoft Dynamics NAV costs are low How can I deliver tailored Microsoft Dynamics NAV advice instantly with structured going forward plans There s no better guide through these mind expanding guestions than acclaimed best selling author Gerard Blokdyk Blokdyk ensures all Microsoft Dynamics NAV essentials are covered from every angle the Microsoft Dynamics NAV self assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Microsoft Dynamics NAV outcomes are achieved Contains extensive criteria grounded in past and current successful projects and activities by experienced Microsoft Dynamics NAV practitioners Their mastery combined with the easy elegance of the self assessment provides its superior value to you in knowing how to ensure the outcome of any efforts in Microsoft Dynamics NAV are maximized with professional results Your purchase includes access details to the Microsoft Dynamics NAV self assessment dashboard download which gives you your dynamically prioritized projects ready tool and shows you exactly what to do next Your exclusive instant access details can be found in your book You will receive the following contents with New and Updated specific criteria The latest quick edition of the book in PDF The latest complete edition of the book in PDF which criteria correspond to the criteria in The Self Assessment Excel Dashboard Example pre filled Self Assessment Excel Dashboard to get familiar with results generation In depth and specific Microsoft Dynamics NAV Checklists Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books Lifetime Updates is an industry first feature which allows you to receive verified self assessment updates ensuring you always have the most accurate information at your fingertips Microsoft NAV Interview Questions Equity Press, 2011 The Ultimate Reference Learning Guide for Microsoft Navision Consultants Administrators and DevelopersOver 150 Certification Questions Answers and ExplanationsIt s clear that Microsoft Navision is the future for cost effective ERP but few resources exist for the professional consultant seeking guick insight to the software package Appropriate for all levels of NAV proficiency over 150 Questions Answers and Explanations guide you through your learning process From helping you to assess your Navision skills to evaluating

candidates for a job Microsoft Navision Interview Questions will help you understand what you really need to know and what you can safely ignore The book is organized around implementation issues functional design and audit and security Each question includes everything you need to know to master the interview or properly evaluate a candidate More than just a rehash of Microsoft documentation and sales presentations each question is based on project knowledge and experience gained on successful high profile Navision implementations Key certification and interview topics include Outlook Integration Reports Table Formats Software Installation Configuration and Upgrade Technical Compatibility and More Microsoft Dynamics™ NAV 2015 David Studebaker, Christopher Studebaker, 2015-07-30 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 a Complete Guide -2019 Edition Gerardus Blokdyk, 2019-03-18 Can you create customized invoices and print email or convert them to PDF files for your clients Budgeting is an important first step Are funds available internally within the organization Can you pay bills keep track of vendors write checks and create purchase orders Is the data migrated from the old business system into the new IT business system Is the data worth migrating into the new IT business system This valuable Microsoft Dynamics NAV self assessment will make you the entrusted Microsoft Dynamics NAV domain standout by revealing just what you need to know to be fluent and ready for any Microsoft Dynamics NAV challenge How do I reduce the effort in the Microsoft Dynamics NAV work to be done to get problems solved How can I ensure that plans of action include every Microsoft Dynamics NAV task and that every Microsoft Dynamics NAV outcome is in place How will I save time investigating strategic and tactical options and ensuring Microsoft Dynamics NAV costs are low How can I deliver tailored Microsoft Dynamics NAV advice instantly with structured going forward plans There's no better guide through these mind expanding questions than acclaimed best selling author Gerard Blokdyk Blokdyk ensures all Microsoft Dynamics NAV essentials are covered from every angle the Microsoft Dynamics NAV self assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Microsoft Dynamics NAV outcomes are achieved Contains extensive criteria grounded in past and current successful projects and activities by experienced Microsoft Dynamics NAV practitioners Their mastery combined with the easy elegance of the self assessment provides its superior value to you in knowing how to ensure

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implementing Dynamics NAV from start to finish Learning Dynamics NAV Patterns Marije Brummel, Thomas Hejlsberg, 2015-09-24 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 Learnina Dynamics Nav Patterns Mark Brummel, 2015-09-24 Create solutions that are easy to maintain quick to upgrade and follow proven concepts and designsAbout 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 patternsWho This Book Is ForLearning 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 facadesIn 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 approachThis 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

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