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Autore	Studebaker David
Titolo	Programming Microsoft Dynamics NAV 2009 [[electronic resource]] : develop and maintain high performance NAV applications to meet changing business needs with improved agility and enhanced flexibility / / David Studebaker ; [foreword by Michael Nielsen]
Pubbl/distr/stampa	Birmingham, U.K., : Packt Pub., 2009
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Descrizione fisica	1 online resource (620 p.)
Collana	From technologies to solutions
Altri autori (Persone)	NielsenMichael
Disciplina	658.7
Soggetti	Industrial management Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; Table of Contents; Preface; Chapter 1: A Short Tour through NAV 2009; NAV 2009: An ERP system; Financial Management; Manufacturing; Supply Chain Management (SCM); Business intelligence and reporting; Relationship Management (RM); Human Resource management; Project management; Significant changes in NAV 2009; Two-tier versus three-tier; Role Tailored Client; SSRS-compatible report viewer; Web services; NAV 2009: A set of building blocks and development tools; NAV object types; The C/SIDE Integrated Development Environment Object Designer tool icons NAV object and system elements; NAV functional terminology; User interfaces; An introduction to development; Our scenario for development exercises; Getting started with application design; Application tables; Designing a simple table; Creating a simple table; Field numbering; Pages/Forms; Keyboard shortcuts; Run a table; Reports; Creating a List format report; Codeunits; MenuSuites; Dataports; XMLports; Integration tools; Backups and documentation; Summary; Review questions; Chapter 2: Tables; Overview of tables; Components of a table; Table naming; Table numbering

Table properties Table triggers; Keys; SumIndexFields; Field Groups; Expanding our sample application; Creating and modifying tables; Assigning a TableRelation property; Creating Forms for testing; Adding Secondary keys; Adding some activity-tracking tables; New tables; Keys and SumIndexFields in our examples; Types of tables; Wholly modifiable tables; Master; Journal; Template; Ledger; Reference; Register; Posted Document; Setup; Temporary; Content-modifiable tables; System; Read-Only tables; Virtual; Summary; Review questions; Chapter 3: Data Types and Fields for Data Storage and Processing Basic definitions Fields; Field properties; Field numbering; Changing the data type of a field; Field triggers; Data structure examples; Variable naming; Data types; Fundamental data types; Numeric data; String data; Date/Time data; Complex data types; Data structure; Objects; Automation; Input/Output; DateFormula; References and other; Data type usage; FieldClass property options; Filtering; Defining filter syntax and values; Filtering on equality and inequality; Filtering by ranges; Filtering with Boolean operators; Filtering with wildcards; Filtering with combinations
Experimenting with filters Accessing filter controls; Summary; Review questions; Chapter 4: Pages-Tools for Data Display; What is a page?; Controls; Bound and unbound; Pages-a stroll through the gallery; A sample Role Tailored Client page; Types of pages; List page; Card page; Document page; FastTab; List+ page; Journal/Worksheet page; Confirmation (Dialog) page; Request page; Navigate page; Departments page; Role Center page; Page parts; FactBoxes; Page names; Accessing the Page Designer; What makes up a page?; Page properties; Types of page controls; Inheritance; Page control details
Container controls

Sommario/riassunto

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

2. Record Nr. UNINA9910824765803321

Autore	Ghali Edward
Titolo	Corrosion resistance of aluminum and magnesium alloys : understanding, performance, and testing / / Edward Ghali
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Descrizione fisica	1 online resource (743 p.)
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Soggetti	Aluminum alloys - Corrosion Magnesium alloys - Corrosion Corrosion and anti-corrosives
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Corrosion Resistance of Aluminum and Magnesium Alloys; Contents; Preface; Acknowledgments; Part One Electrochemical Fundamentals and Active-Passive Corrosion Behaviors; 1. Fundamentals of Electrochemical Corrosion; Overview; A. Thermodynamic Considerations of Corrosion; 1.1. Electrolytic Conductance; 1.1.1. Faraday Laws; 1.2. Tendency to Corrosion; 1.3. The Electrochemical Interface; 1.3.1. Electric Double Layer; 1.3.2. Equivalent Circuit of the Electric Double Layer; 1.4. Nernst Equation; 1.5. Standard Potentials of Electrodes; 1.5.1. Standard States in Solution; 1.5.2. Hydrogen Electrode 1.5.3. Positive and Negative Signs of Potentials1.5.4. Graphical Presentation; B. Activity and Conductance of the Electrolyte; 1.6. Activity of the Electrolyte; 1.6.1. Constant and Degree of Dissociation; 1.6.2. Activity and Concentration; 1.6.3. Theory of More Concentrated Solutions; 1.6.4. Electrolytic Conduction; 1.7. Mobility of Ions; 1.7.1. Law of Additivity of Kohlrausch; 1.7.2. Ion Transport Number or Index;

1.8. Conductance; 1.9. Potential of Decomposition; C. The Different Types of Electrodes; 1.10. Gas Electrodes; 1.11. Metal-Metal Ion Electrodes; 1.11.1. Alloyed Electrodes
1.12. Metal-Insoluble Salt or Oxide Electrodes1.12.1. Metal-Insoluble Salt Electrodes; 1.12.2. Metal-Insoluble Oxide Electrodes; 1.13. Electrodes of Oxidation-Reduction; 1.14. Selective Ion Electrodes; 1.14.1. Glass Electrodes; 1.14.2. Copper Ion-Selective Electrodes; D. Electrochemical and Corrosion Cells; 1.15. Chemical Cells; 1.15.1. Chemical Cell with Transport; 1.15.2. Chemical Cell Without Transport; 1.16. Concentration Cells; 1.16.1. Concentration Cell with Difference of Activity at the Electrode and Electrolyte; 1.16.2. Junction Potential; 1.17. Solvent Corrosion Cells
1.17.1. Cathodic Oxidoreduction Reaction1.17.2. Displacement Cell; 1.17.3. Complexing Agent Cells; 1.17.4. Stray Current Corrosion Cell; 1.18. Temperature Differential Cells; 1.19. Overlapping of Different Corrosion Cells; E. Chemical and Electrochemical Corrosion; 1.20. Definition and Description of Corrosion; 1.21. Electrochemical and Chemical Reactions; 1.21.1. Electrochemical Corrosion; 1.21.2. Film-Free Chemical Interactions; References; 2. Aqueous and High-Temperature Corrosion; Overview; 2.1. Atmospheric Media; 2.1.1. Description; 2.1.2. Types of Corrosion
2.1.3. Atmospheric Contaminants2.1.4. Corrosion Prevention and Protection; 2.2. Aqueous Environments; 2.3. Organic Solvent Properties; 2.4. Underground Media; 2.5. Water Media Properties; 2.5.1. Water Composition; 2.5.2. The Oxidizing Power of Solution; 2.5.3. Scale Formation and Water Indexes; 2.6. Corrosion at High Temperatures; 2.6.1. Description; 2.6.2. The Pilling-Bedworth Ratio (PBR); 2.6.3. Kinetics of Formation; 2.6.4. Corrosion Behaviors of Some Alloys at Elevated Temperatures; References; 3. Active and Passive Behaviors of Aluminum and Magnesium and Their Alloys; Overview
3.1. Potential-pH Diagrams of Aluminum and Magnesium

Sommario/riassunto

Valuable information on corrosion fundamentals and applications of aluminum and magnesium Aluminum and magnesium alloys are receiving increased attention due to their light weight, abundance, and resistance to corrosion. In particular, when used in automobile manufacturing, these alloys promise reduced car weights, lower fuel consumption, and resulting environmental benefits. Meeting the need for a single source on this subject, Corrosion Resistance of Aluminum and Magnesium Alloys gives scientists, engineers, and students a one-stop reference for understanding both the corrosion f