

1. Record Nr.	UNINA9910960981003321
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Titolo	Visual FoxPro certification exams study guide / / Cindy Winegarden, Evan Delay
Pubbl/distr/stampa	Whitefish Bay, Wis., : Hentzenwerke Publishing, c2001
ISBN	1-280-54414-7 9786610544141 1-930919-18-2
Descrizione fisica	187 p
Altri autori (Persone)	DelayEvan
Disciplina	005.75/65
Soggetti	Computer programmers - Certification Database management Electronic data processing personnel - Certification Object-oriented programming (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen.
Nota di contenuto	Intro -- Dedication -- List of Chapters -- Our Contract with You, The Reader -- Table of Contents -- Foreword -- Acknowledgements -- About the Authors -- How to Download the Files -- Introduction -- Who we are -- How we started -- Who you are -- You can do this! -- Why get certified? -- Certification benefits -- Transcript -- Wallet card, lapel pin -- Logo -- Other goodies -- Leveraging your preparation time -- Study in groups -- Know what Microsoft wants -- Know what you do best -- Practice -- Overcoming obstacles -- Scheduling and taking the exams -- Use the pencil! -- Certification requirements -- MCSD requirements -- Exams 70-155 and 70-156 -- Exam 70-100 -- Exam retirement -- Further reading -- Testing centers -- Exam demos -- Chapter 1 Developing the Conceptual and Logical Design -- Conceptual design -- Logical design -- Further reading -- Design -- Object-oriented design -- Chapter 2 Developing a Logical Data Model -- Normalization rules -- First Normal Form (1NF) -- Second Normal Form (2NF) -- Third Normal Form (3NF) -- Boyce-Codd Normal Form (BCNF) -- Fourth Normal Form (4NF) -- Fifth Normal Form (5NF) -- The primary key -- Relationships -- One-to-one relationships -- One-to-

many relationships -- Many-to-many relationships -- Foreign keys -- Referential integrity -- Business rules, data integrity and the data model -- Denormalization -- Denormalization for reporting -- Denormalization for data warehousing -- Denormalization for performance -- Further reading -- Chapter 3 Deriving the Physical Design -- Design considerations -- Performance -- Maintainability -- Extensibility -- Availability -- An example with COM -- Class libraries -- Inheritance -- Encapsulation -- Containership -- Delegation -- Polymorphism -- Class libraries -- Designing an interface for data access -- Designing the properties and methods of components. Designing the presentation tier -- Further reading -- Chapter 4 Establishing the Development Environment -- Installing Visual FoxPro -- Configuring Visual FoxPro -- Registry configurations -- SET commands and configuration files -- Resource files -- Command line switches -- Toolbars -- Configuring Visual SourceSafe -- Configuring Microsoft Transaction Server -- Configuring Microsoft Internet Information Server -- Configuring Microsoft Message Queue -- Further reading -- Third-party software -- Chapter 5 Creating User Services -- Providing a personalized interface -- Personalizing colors -- Keyboard and mouse access -- Sound and focus -- User or group options -- Planning the interface -- Forms -- Menu systems -- Form controls in general -- Toolbars -- User interaction with forms -- Form properties, events, and methods -- Binding data to controls -- Manipulating controls at run time -- Using the _SCREEN.ActiveForms collection -- Validating user input -- Processing entered data -- Form events and methods -- Form control events and methods -- Compiling data in reports -- COM and Office Automation -- Error handling -- Errors in COM objects -- Providing online Help -- Extending functionality through the Windows API -- Visual FoxPro on the Web -- Further reading -- Third-party software -- Chapter 6 Creating and Managing COM Components -- What is COM? -- Creating COM components -- COM server types -- Business rules -- Interacting with other components -- COM error handling -- Designing components for MTS -- Transaction support for COM components in MTS -- Managing and deploying COM components -- Using the Component Gallery -- Registering and unregistering COM components -- Creating packages and managing components with MTS Explorer -- Using role-based security -- Further reading -- Chapter 7 Creating Data Services. Native tables, views, SQL pass-through, ADO, and OLE DB -- Connecting to the data -- Data access -- Xbase commands for data -- Views -- SQL pass-through -- SQL syntax for creating views or selecting data -- SELECT - SQL -- WHERE and JOIN -- Aggregates -- ORDER BY -- GROUP BY and HAVING -- SQL syntax for modifying data -- Locking, buffering, and transactions to prevent update conflicts -- Buffering of tables -- Locking -- Buffering of views -- Transactions -- What if the record has changed? -- Stored procedure strategies for automatic actions -- Importing and exporting data -- ADO, OLE DB, and RDS -- Using ADO -- Using recordsets -- Further reading -- Chapter 8 Creating a Physical Database -- Database and table design -- Tables -- Local views -- Remote views -- Creating and maintaining views -- Stored procedures -- Persistent relationships -- Referential integrity -- Connections -- The database container -- Programmatically creating and maintaining a database -- GenDBC.PRG -- CREATE TABLE -- ALTER TABLE -- INDEX -- CREATE TRIGGER -- CREATE CONNECTION -- CREATE SQL VIEW -- DBSetProp() -- Stored procedures and Referential Integrity Builder-generated code -- Database container maintenance -- Normalization -- Indexing strategies -- Some expressions can't be optimized -- Special

considerations with indexing -- Further reading -- Third-party software -- Chapter 9 Testing and Debugging the Solution -- Testing -- Unit testing -- Regression testing -- Integration testing -- Stress testing -- Beta testing -- Making sure you have tested all of the code -- Testing every line -- Finding where things get slow -- Code bugs you'll encounter -- Typos -- Run-time errors -- Logic errors -- Design errors -- Debugging tools and techniques -- Stop and see what's happening with breakpoints -- Alerting yourself to abnormal conditions with ASSERT.

LISA G and understanding events -- Error handling -- Debugging code and application distribution -- Special debugging issues with COM servers -- Further reading -- Third-party software -- Chapter 10 Deploying an Application -- Setup Wizard -- Installing the application -- Uninstalling the application -- Configuring DCOM on client and server -- Configuring a client to use an MTS component -- Configure remote Automation on a client and server -- Further reading -- The Setup Wizard and installing an application -- Uninstalling an application -- DCOM and MTS -- Remote Automation -- Chapter 11 Maintaining and Supporting an Application -- Planning and implementing disaster recovery procedures -- Table corruption -- Restoring data since the last backup -- Backups that don't work -- The "big one" -- Correcting errors and preventing future errors -- The joys of object-oriented bug fixes -- Reevaluating the data -- Table maintenance -- View maintenance -- Using a local .DBC for views -- Keeping track of problems -- Deploying application updates -- Making changes to an existing database -- Minimizing update size and simplifying deployment -- Updating the application while minimizing user downtime -- Further reading.

Sommario/riassunto

Covers both the Desktop and Distributed exams in one book Visual FoxPro certification is the way for you to present contract customers and employers with an objective assessment of your technical skills as Visual FoxPro developer. Microsoft certification also provides contract customers and employers with additional confidence in their decision to contract with, or hire you as they solve business problems and move forward in our data-driven, digital economy. Microsoft has moved their certification emphasis from knowledge assessment to measuring of the real-life skills we need to do the job at hand. As an experienced developer, you have a good foundation, but don't necessarily have a lot of time to "fine tune" yourself for an exam. In addition, you might not have an understanding of exactly what Microsoft considers important in your developer skill set. As a new developer, you might think that certification is out of your reach, or not know where to begin your preparation, or how far you have to go to reach your goal. This study guide will assist you in efficient, focused VFP certification exam preparation.

2. Record Nr.	UNINA9910483440303321
Titolo	Artificial Intelligence and Computational Intelligence : International Conference, AICI 2010, Sanya, China, October 23-24, 2010, Proceedings, Part I // edited by Fu Lee Wang, Hepu Deng, Jingsheng Lei
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-39002-6 9786613567949 3-642-16530-3
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XXI, 498 p. 203 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 6319
Altri autori (Persone)	WangFu Lee
Disciplina	006.3
Soggetti	Artificial intelligence Algorithms Computer science Software engineering Computer simulation Computers, Special purpose Artificial Intelligence Theory of Computation Software Engineering Computer Modelling Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Applications of Artificial Intelligence -- Application of RBF Neural Network in Short-Term Load Forecasting -- Efficient Large Image Browser for Embedded Systems -- Formalizing Ontology-Based Hierarchical Modeling Process of Physical World -- Automated Problem Solving -- Satisfiability Degree Analysis for Transition System -- Research on Optimization Design of Bottom Angle of Drag-Reducing Structure on the Riblets Surface -- Towards Analysis of Semi-Markov Decision Processes -- Automatic Programming -- Stability of

Equilibrium Solution and Periodical Solution to Cohen-Grossberg Neural Networks -- Exponential Synchronization of Delayed Fuzzy Cohen-Grossberg Neural Networks with Reaction Diffusion Term -- Magnetic Field Extrapolation Based on Improved Back Propagation Neural Network -- Sparse Deep Belief Net for Handwritten Digits Classification -- Data Mining and Knowledge Discovering -- Multisensor Image Fusion Using a Pulse Coupled Neural Network -- Real-Time Performance Reliability Assessment Method Based on Dynamic Probability Model -- Decomposing Data Mining by a Process-Oriented Execution Plan -- An Efficient Distributed Subgraph Mining Algorithm in Extreme Large Graphs -- Spatio-Temporal Clustering of Road Network Data -- A Sampling Based Algorithm for Finding Association Rules from Uncertain Data -- Distributed AI and Agents -- Multi-agent System Collaboration Based on the Relation-Web Model -- Research on A Novel Multi-Agents Dynamic Cooperation Method Based on Associated Intent -- Expert and Decision Support Systems -- Automobile Exhaust Gas Detection Based on Fuzzy Temperature Compensation System -- Technical Efficiency Analysis of New Energy Listed Companies Based on DEA -- Fuzzy Logic and Soft Computing -- Research on Differential Evolution Algorithm Based on Interaction Balance Method for Large-Scale Industrial Processes of Fuzzy Model -- Fuzzy Control System Design for Solar Energy with PCM Tank to Fresh Air Conditioning -- Intelligent Information Fusion -- An Efficient Method for Target Extraction of Infrared Images -- Second Order Central Difference Filtering Algorithm for SINS/GPS Integrated Navigation in Guided Munitions -- Adaptive Signal Processing for ARX System Disturbed by Complex Noise -- Abstraction for Model Checking the Probabilistic Temporal Logic of Knowledge -- Intelligent Scheduling -- Research on Double-Objective Optimal Scheduling Algorithm for Dual Resource Constrained Job Shop -- MDA Compatible Knowledge-Based IS Engineering Approach -- Intelligent Signal Processing -- ARIMA Signals Processing of Information Fusion on the Chrysanthemum -- Noise Uncertainty Study of the Low SNR Energy Detector in Cognitive Radio -- Machine Learning -- A Realtime Human-Computer Ensemble System: Formal Representation and Experiments for Expressive Performance -- A New Smooth Support Vector Machine -- Convergence of GCM and Its Application to Face Recognition -- Designing a Multi-label Kernel Machine with Two-Objective Optimization -- Collision Detection Algorithm in Virtual Environment of Robot Workcell -- Machine Vision -- A First Step towards Hybrid Visual Servoing Control Based on Image Moments -- A Novel Motion Detection Approach for Large FOV Cameras -- Large Scale Visual Classification via Learned Dictionaries and Sparse Representation -- Semi-supervised Nearest Neighbor Discriminant Analysis Using Local Mean for Face Recognition -- Multi-agent Systems -- Decentralized Cohesive Motion Control of Multi-agent Formation in 3-Dimensional Space -- A Model for Cooperative Design Based on Multi-Agent System -- Natural Language Processing -- Scaling Up the Accuracy of Bayesian Classifier Based on Frequent Itemsets by M-estimate -- Aggressive Dimensionality Reduction with Reinforcement Local Feature Selection for Text Categorization -- Neural Networks -- 3D Shape Representation Using Gaussian Curvature Co-occurrence Matrix -- Nonlinear System Identification of Bicycle Robot Based on Adaptive Neural Fuzzy Inference System -- Transmission: A New Feature for Computer Vision Based Smoke Detection -- A Novel Features Design Method for Cat Head Detection -- Time Serial Model of Rock Burst Based on Evolutionary Neural Network -- Multilayer Perceptron Network with Modified Sigmoid Activation Functions -- Pattern Recognition -- Kernel

Oblique Subspace Projection Approach for Target Detection in
Hyperspectral Imagery -- Text-Independent Voice Conversion Based on
Kernel Eigenvoice -- An Effective Method for SAR Automatic Target
Recognition -- Semi-supervised Learning by Spectral Mapping with
Label Information -- Drop Fingerprint Recognition Based on Self-
Organizing Feature Map -- Nonlinear Complementarity Problem and
Solution Methods -- Robotics -- A New Path Planning Method for a
Shape-Shifting Robot -- Pedestrian Gait Classification Based on Hidden
Markov Models -- L-Infinity Norm Minimization in the Multiview
Triangulation -- Erratum -- Erratum to: An Efficient Method for Target
Extraction of Infrared Images.

Sommario/riassunto

The 2010 International Conference on Artificial Intelligence and Computational Intelligence (AICI 2010) was held October 23–24, 2010 in Sanya, China. The AICI 2010 received 1,216 submissions from 20 countries and regions. After rigorous reviews, 105 high-quality papers were selected for publication in the AICI 2010 proceedings. The acceptance rate was 8%. The aim of AICI 2010 was to bring together researchers working in many different areas of artificial intelligence and computational intelligence to foster the exchange of new ideas and promote international collaborations. In addition to the large number of submitted papers and invited sessions, there were several internationally well-known keynote speakers. On behalf of the Organizing Committee, we thank Hainan Province Institute of Computer and Qiongzhou University for its sponsorship and logistics support. We also thank the members of the Organizing Committee and the Program Committee for their hard work. We are very grateful to the keynote speakers, invited session organizers, session chairs, reviewers, and student helpers. Last but not least, we thank all the authors and participants for their great contributions that made this conference possible.
