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Disciplina	005.75/7
Soggetti	Computer programming Database management Application software Software engineering Electronic commerce Information technology Business—Data processing Programming Techniques Database Management Information Systems Applications (incl. Internet) Software Engineering e-Commerce/e-business IT in Business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Managing Specialization/Generalization Hierarchies -- Managing Specialization/Generalization Hierarchies -- "Real World" as an Argument for Covariant Specialization in Programming and Modeling -- Maintaining Class Membership Information -- Hierarchies in Object Oriented Conceptual Modeling -- Specialization/Generalization in Object-Oriented Analysis: Strengthening and Multiple Partitioning -- Towards a New Role Paradigm for Object-Oriented Modeling --

Analysing Object-Oriented Application Frameworks Using Concept Analysis -- Using Both Specialisation and Generalisation in a Programming Language: Why and How? -- Automatic Generation of Hierarchical Taxonomies from Free Text Using Linguistic Algorithms -- Guessing Hierarchies and Symbols for Word Meanings through Hyperonyms and Conceptual Vectors -- Reuse in OO Information Systems Design -- Reuse in Object-Oriented Information Systems Design -- Software Reuse with Use Case Patterns* -- Promoting Reuse through the Capture of System Description -- A Specification-Oriented Framework for Information System User Interfaces -- The Role of Pattern Languages in the Instantiation of Object-Oriented Frameworks -- IS Components with Hyperclasses -- Collaborative Simulation by Reuse of COTS Simulators with a Reflexive XML Middleware¹ -- Efficient Web-Based Information Systems -- Efficient Web-Based Information Systems -- Semantic Integration and Query Optimization of Heterogeneous Data Sources* -- Extracting Information from Semi-structured Web Documents -- Object-Oriented Mediator Queries to Internet Search Engines -- Warp-Edge Optimization in XPath -- A Caching System for Web Content Generated from XML Sources Using XSLT -- Finding Similar Queries to Satisfy Searches Based on Query Traces -- WOnDA: An Extensible Multi-platform Hypermedia Design Model -- Model-Driven Approaches to Software Development -- Model-Driven Approaches to Software Development -- Executable and Symbolic Conformance Tests for Implementation Models (Position Paper) -- Object-Oriented Theories for Model Driven Architecture -- Systems Engineering Foundations of Software Systems Integration -- Using the Model Paradigm for Real-Time Systems Development: ACCORD/UML -- Generating Enterprise Applications from Models -- Tool Support for Aspect-Oriented Design -- Model-Driven Architecture -- Model-Based Development of Embedded Systems.

Sommario/riassunto

For the first time four workshops have been held in conjunction with the 8th Object-Oriented Information Systems conference, OOIS 2002, to encourage interaction between researchers and practitioners. Workshop topics are, of course, inline with the conference's scientific scope and provide a forum for groups of researchers and practitioners to meet together more closely and to exchange opinions and advanced ideas, and to share preliminary results on focused issues in an atmosphere that fosters interaction and problem solving. The conference hosted four one-day workshops. The four selected workshops were fully in the spirit of a workshop session hosted by a main conference. Indeed, OOIS deals with all the topics related to the use of object-oriented techniques for the development of information systems. The four workshops are very specific and contribute to enlarging the spectrum of the more general topics treated in the main conference. The first workshop focused on a very specific and key concept of object-oriented development, the specialization/generalization hierarchy. The second one explored the use of "non-traditional" approaches (at the edge of object-oriented techniques, such as aspects, AI, etc.) to improve reuse. The third workshop dealt with optimization in Web-based information systems. And finally the fourth workshop investigated issues related to model-driven software development.
