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Wolfgang Klas Michael Schreff

Metaclasses and Their Application

**Data Model Tailoring
and Database Integration**



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Metaclabes And Their Application Data Model Tailoring And Database Integration

Roland Kaschek, Lois M.L. Delcambre



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METACLASSES AND THEIR APPLICATION Wolfgang Klas, Michael Schrefl, 1995 **Metaclasses and Their Application** Wolfgang Klas, Michael Schrefl, 1995-07-14 Conventional object oriented data models are closed although they allow users to define application specific classes they usually come with a fixed set of modelling primitives This constitutes a major problem as different application domains e.g. database integration or multimedia need special support Using an extended metaclass concept this book provides for the solution of this problem a simple but extendible open object oriented data model a so called RISC model By introducing the basic concepts of the open object oriented database management system VODAK it demonstrates how the extended metaclass concept can be integrated homogeneously into object oriented data models

Meta-Level Architectures and Reflection Pierre Cointe, 2003-06-29 This book constitutes the refereed proceedings of the Second International Conference on Meta Level Architectures and Reflection Reflection 99 held in St Malo France in July 1999 The 13 revised full papers presented were carefully selected from 44 submissions Also included are six short papers and the abstracts of three invited talks The papers are organized in sections on programming languages meta object protocols middleware multi media work in progress applications and meta programming The volume covers all current issues arising in the design and analysis of reflective systems and demonstrates their practical applications The Evolution of Conceptual Modeling Roland Kaschek, Lois M.L. Delcambre, 2011-02-04 Conceptual modeling represents a recent approach to creating knowledge It has emerged in response to the computer revolution which started in the middle of the 20th century Computers in the meantime have become a major knowledge media Conceptual modeling provides an answer to the difficulties experienced throughout the development of computer applications and aims at creating effective reasonably priced and sharable knowledge about using computers in business Moreover it has become evident that conceptual modeling has the potential to exceed the boundaries of business and computer usage This state of the art survey originates from the International Seminar on the Evolution of Conceptual Modeling held in Dagstuhl Castle Germany in April 2008 The major objective of this seminar was to look into conceptual modeling from a historical perspective with a view towards the future of conceptual modeling and to achieve a better understanding of conceptual modeling issues in several different domains of discourse going beyond individual modeling projects The book contains 14 chapters These were carefully selected during two rounds of reviewing and improvement from 26 presentations at the seminar and are preceded by a detailed preface providing general insights into the field of conceptual modeling that are not necessarily discussed in any of the chapters but nevertheless aid in conceptualizing the inner structure and coherence of the field The chapters are grouped into the following three thematic sections the evolution of conceptual modeling techniques the extension of conceptual modeling to a service oriented peer to peer or Web context and new directions for conceptual modeling Object-Oriented Design Knowledge: Principles, Heuristics and Best Practices Garza, Javier, Piattini, Mario, 2006-07-31 The software engineering

community has advanced greatly in recent years and we currently have numerous defined items of knowledge such as standards methodologies methods metrics techniques languages patterns knowledge related to processes concepts etc The main objective of this book is to give a unified and global vision about Micro Architectural Design Knowledge analyzing the main techniques experiences and methods Provided by publisher [Java Programming](#) Tanushri Kaniyar,2025-01-03 This comprehensive guide is perfect for anyone aiming to master data structures and algorithms in Java Even without prior knowledge readers will find themselves equipped with essential skills by the end of the book We ensure that you ll not only read and understand these concepts but also apply them effectively in Java Focusing on different aspects of data structures and problem solving this book offers detailed explanations of all key concepts We emphasize practical aspects helping you improve gradually with time and practice This is not a book to skim through but one to work with actively The text begins with fundamental terms variable comparisons and types of analysis It then progresses to topics like recursion backtracking linked lists stacks queues and trees all with a practical approach Our goal is to cover all topics thoroughly using numerous examples to enhance understanding Each chapter includes an introduction to ensure a smooth flow of topics making the book engaging and interesting to work with We hope this book meets your highest expectations and provides a solid foundation in Java programming

Database and Expert Systems Applications ,1996 **Meta-level Architectures and Reflection** ,1999 **Metaclasses and Their Application** Wolfgang Klas,Michael Schrefl,2014-01-15 **Business Process Management** ,2005 [Object-oriented Databases](#) Peter M. D. Gray,Krishnarao G. Kulkarni,Norman W. Paton,1992 Concerned with the storage of networks of objects and procedures in a database which can be re used by others Referred to as data intensive programming in the large 0 it combines techniques from object oriented programming and database research on long term storage of large numbers of objects *American Book Publishing Record* ,1995 **International Books in Print** ,1997 [Subject Guide to Books in Print](#) ,1991 **Entity-relationship Approach** ,1993 **Forthcoming Books** Rose Army,1995 [Books in Print](#) ,1991 [Government Reports Announcements & Index](#) ,1991 **ACM Transactions on Information Systems** ,1997 [Deutsche Nationalbibliographie und Bibliographie der im Ausland erschienenen deutschsprachigen Veröffentlichungen](#) ,1995

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