Foundation For Future Database Systems: The Third Manifesto (2nd Edition)
Foundation for Future Database Systems: The Third Manifesto offers a comprehensive, insightful proposal for the future of object/relational database management systems. Date and Darwen present a precise, formal definition of an abstract model of data that can be used as a blueprint for designing both databases and database languages -- and as a rock-solid foundation for integrating relational and object technologies. This new Second Edition has been revised extensively, with major extensions to its inheritance model; new language proposals, and improved discussions of many key concepts. The book goes beyond formal specifications, with a detailed discussion of the rationale for each proposal. It will be essential reading for everyone with a serious interest in database technology.

Book Information

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Customer Reviews

Great stuff. The authors demonstrate that there is a solution to the major issue confronting the database world today - the integration of relational and object technologies - based on the full implementation of the relational model (which has been around for over 30 years and is based on sound mathematics, unlike some of the newer alternative "models"). This includes full support for complex data types and, yes, a logically consistent model for type inheritance (!). This book is not about hyping a flavor-of-the-month "new technology" - it delivers on the promise of the title by establishing a solid theoretical foundation for the future of database technology. The authors succeed in presenting some very difficult material in a manner which should be comprehensible to
any database professional. It is well worth the time and effort required to digest the material. Ignore
it at your own risk.

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