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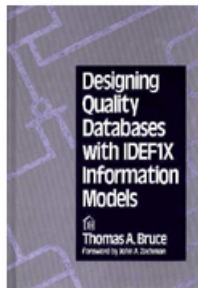
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Designing Quality Databases with IDEF1X Information Models

by [Thomas A. Bruce](#)
foreword by John A. Zachman

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The Quintessential Book on Information Modeling and Database Design—Including a Real-World Case Study

About the Book

This comprehensive text shows how to use IDEF1X information models to specify business information requirements, policies, and rules, and describes how to use these specifications to design and build high-quality database applications.

Using IDEF1X, a language for describing information structures, Thomas A. Bruce provides a clear and practical text that teaches the reader to think about complex data and business rules without being concerned about the particular characteristics of the database management system that will be used for implementation. The text addresses both those who want to know the *why* and those who want to know the *how* of data-driven design.

Intended for use by managers, systems professionals, and students, the text is divided into three parts:

- **Part One** presents the general concepts behind databases, information management, and information modeling in the context of Zachman's Framework for Information Systems Architecture.
- **Part Two** fully describes the symbols and semantics of IDEF1X, and speculates about the future of information modeling as well as the evolution of the IDEF1X language to support object-oriented and rule-based systems development.
- **Part Three** provides an extensive case study of a California produce market, employing the concepts introduced in the book.

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