

Object-Oriented Application Development Using the Caché Postrelational Database *Second Edition*

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Nowadays, newly developed software packages are often obsolete already at the time of their introduction. Object-oriented software development is a possible—if not the only—solution to this dilemma: applications are modeled as software objects that describe the properties and the behavior of real-world entities. Such objects are encapsulated, in that they hide—behind a publicly known interface—the complexity of their internal data structures and behaviors. This enables objects to be used in a wide range of program packages without needing to know the details of their internal implementation.

Linking object-oriented modeled applications with a database places special demands on a database management system and development environment when the usual performance and semantics losses are to be avoided. This book provides a detailed description of the object model of the Caché postrelational database. In addition, it guides the reader step-by-step through the development of postrelational applications.

This second, revised and expanded edition includes the many new features of Caché 5. There is a comprehensive description of the new Caché Studio with its improvements for developing and debugging applications as well as a whole new chapter about XML- and SOAP-based Web services. The chapters about Java, ActiveX and the SQL Manager have undergone a complete revision.

The accompanying CD-ROM contains the complete associated software as well as a searchable PDF version of the book.

System requirements: PC with Intel CPU (Pentium or better), Windows 95, 98, Me, NT 4.0 (SP4, 5 or 6), 2000 (SP2) or XP, 128 MB main memory, 100 MB free disk space, CD-ROM drive.

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