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Access to Object Databases -- Data Model Driven Implementation of Web Cooperation Systems with Tricia -- iBLOB: Complex Object Management in Databases through Intelligent Binary Large Objects -- Object-Oriented Constraints for XML Schema -- Solving ORM by MAGIC:MApping GeneratIon and Composition -- Closing Schemas in Object-Relational Databases -- A Comparative Study of the Features and Performance of ORM Tools in a .NET Environment.

| Sommario/riassunto | According to Francois Bancillon and Won Kim[SIGMODRECORD,Vol.19, No. 4, December 1990], object-oriented databases started in around 1983. Twenty seven years later this publication contains the proceedings of the Third International Conference on Object-Oriented Databases (ICOODB 2010). Two questions arise from this – why only the third, and what is of interest in the field of object-oriented databases in 2010? The first question is easy – in the 1980s and 1990s there were a number of conferences supporting the c- munity – the International Workshops on Persistent Object Systems started by Malcolm Atkinson and Ron Morrison, the EDBT series, and the International Workshop on Database Programming Languages. These database-oriented conferences complimented other OO conferences including OOPSLA and ECOOP, but towards the end of the last century they dwindled in popularity and eventually died out. In 2008 the First International Conference on Object Databases was held in Berlin. In 2009 the second ICOODB conference was held at the ETH in Zurich as a scientific peer-reviewed conference. What is particular about ICOODB is that the conference series was established to address the needs of both industry and researchers who had an interest in object databases, in innovative ways to bring objects and databases together and in alternatives/extensions to relational databases. The first conference set the mould for those to follow – a combination of theory and practice with one day focusing on the theory of object databases and the second focusing on their practical use and implementation. |