From Punched Cards to XML: A History of Database Query

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ABSTRACT
This talk covers historical trends in database query languages, from the early days until today. It gives tribute to the great impact of E. F. Codd’s relational data model. It describes the invention of SQL, the impact of SQL on the industry, and some lessons learned from our experience with SQL. It describes the goals and current status of XQuery, a new XML query language currently being developed by W3C, and discusses how XQuery might be expected to evolve in the future.

BIOGRAPHY
Don Chamberlin is best known as co-inventor of the SQL database language and as author of the book, "A Complete Guide to DB2 Universal Database." He is currently representing IBM in the W3C working group on XML Query, and is an editor of the XQuery language specification. Don is an IBM Fellow at the Almaden Research Center. He is also an ACM Fellow and a member of the National Academy of Engineering. He holds a B.S. degree from Harvey Mudd College and a Ph.D. from Stanford University.

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