

---

# DataDirect XQuery - Database Independent XQuery

Jonathan Robie

## Abstract

Internet developers typically spend much of their time creating and restructuring XML, using data from many sources, generally including relational data. This task is much too tedious in most environments. DataDirect XQuery simplifies this programming task significantly, solving the same problems with much less code. And DataDirect XQuery performs quite well, even when your query creates large XML results.

DataDirect XQuery is an implementation of XQuery and the Java API for XQuery (XQJ, under development as JSR 225). DataDirect XQuery supports all major relational databases, including Oracle, Microsoft SQL Server 2000, IBM DB2, and Sybase, on any Java platform, allowing developers to query XML, relational databases, or a combination of the two. Using DataDirect XQuery means that your applications can run on any Java platform, accessing data from the major relational databases, using any Web server or application server, or using no server at all.

This talk presents DataDirect XQuery, and also discusses our plans for the coming year.

# Table of Contents

1. Product Presentation Paper .....	3
-------------------------------------	---

# 1. Product Presentation Paper

The author did not prepare a summary of this product presentation for the proceedings.

# Biography

Jonathan **Robie**

XML Program Manager

[DataDirect Technologies](http://www.datadirect.com) [<http://www.datadirect.com>]

Durham

North Carolina

United States of America

Jonathan Robie is the XML Program Manager at DataDirect Technologies. He is also a co-inventor of XQuery, the W3C XML Query language, and is now an editor of many of the specifications which define the XQuery language. He is also a co-inventor of XQL, an earlier XML query language which was a predecessor of XPath. Jonathan has been significantly involved in several other W3C Working Groups, acting as an editor for documents produced by the XML Schema and Document Object Model Working Groups, and has also participated in the W3C XML Information Set and XML Stylesheet Language (XSL) Working Groups. He is well known in the XML world, both as an innovator and as a speaker. Prior to joining DataDirect, Jonathan worked as an XML Research Specialist at Software AG, where he helped design architectures for XML servers and represented Software AG on the XML Query and XML Schema Working Groups. He has been on the architecture team for three XML databases or repositories, at Software AG, Texcel Research, and POET Software. He has a total of 13 years experience with advanced database systems and complex database applications, especially object oriented databases, multimedia databases, workgroup database applications, and XML/SGML databases.