

## **Market Requirements Document**

**Feature Name:** XML Query [XQuery] Support

**Version:** 1                    **Date Submitted:** 01/24/05

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### **Description of the Problem**

Our current products are able to import and export XML schemas and objects, but it does not support the various XML interfaces that an XML user might expect.

### **Description of the Requested Feature**

XML Query [[XQuery](#)] should be supported in Java, C++ and via Assist. The syntax should also be used to drive ooxmlexport.

**Part of an existing feature or does it require another feature, if so, which one?**

This feature is an addition to current APIs and to Assist.

**How is this problem being solved now, and why isn't that acceptable?**

Users who import XML data must use Java or C+ Predicate Query Language or SQL++ to run ad hoc queries against the imported objects. It is unnatural to have to switch to another language if the application is oriented to XML.

**What languages must support this capability?**

- Java and C++.

**Which platforms must be supported?**

- Tier 1 platforms, then others as required.

**Do any competitors already have this feature?**

- BerkeleyDB (SleepyCat)
- Cache
- Db4objects
- IBM DB2
- Microsoft SQL Server
- ObjectStore
- Oracle XQuery went to Beta in December 2004.
- Sybase
- Versant enJin
- X-Hive
- There are more than twenty XML databases listed at this site - <http://www.rpbouret.com/xml/XMLDatabaseProds.htm>

**Customers who require this feature**

- Any customer using XML..

**Revenue at risk, or which could be won**

- We should assume that all of the above companies, especially the XML specialists, such as X-Hive, are making a significant portion of their revenue from XML.
- I am not aware of any competitive losses because we don't have XQuery, but prospects who require it probably don't go beyond our top "Products" page on the corporate web site.

**When is this required?**

- Release 10.

**Additional Notes**

We will also need:

- Marketing collateral, including promotion and a special area on our web site.
- Technical Publications.
- New QA material

- We should consider adding XML 1.0, XML Schema, XPath, XSL, XPointer, XLink, XUpdate and DOM interfaces in future releases, depending upon input from our users.