Cognetic Systems, Inc.

XQuantum® XML Database Server 1.50: for building content-rich information systems

Highlights

Search XML content using a powerful twenty-first century query language

Interactively search information, format the results, and view them from the Web or from Intranet portals

Develop the next generation of interactive Web content today

For batch processed structured and semistructured XML content

To realize the value of your information assets, they need to be readily available and easily searchable by the systems and people that use them.

The ever-increasing complexity and relational incompatibility of much of today's business data makes it increasingly difficult to build the information systems your company needs in a timely and cost-effective manner.

XQuantum is a new breed of database server which addresses these issues by operating directly on web content and business data stored as XML, rather than as relational tables.

This approach eliminates the need to map XML data into relational tables and back out again. System design becomes much simpler, and schema development and maintenance costs are greatly reduced.

Product Features

- Powerful post-relational query language that fully implements the W3C XQuery 1.0 standard
- Scalable multithreaded server architecture shares XML data with distributed clients
- Full-text searching based on a subset of the W3C full-text extensions
- Integrated type system for static type checking and XML validation
- Cost-based query optimization using advanced recursive XML indexing
- HTTP(S) protocol interface for remote query evaluation returning XML streams
- Integrated web server supports *XQuery server pages* for dynamic content
- Accessible from .NET, J2EE, Java, C++, C#, and VB
- Runs on Microsoft Windows and Red Hat Linux
- Includes batch processing utilities for XML

Application Areas

- Applications requiring complex searchable content integrated with images and other media types
- Online books and journals
- Online digital libraries
- XML-driven websites including RSS news feeds
- Intranet portals containing searchable content integrated with business intelligence data
- General query processing for large XML data stores

Benefits

- Reduces overall system complexity
- Shortens the development life cycle
- Reduces or eliminates the need for procedural application code
- Favorable cost/benefit ratio creates new business opportunities

XQuantum's tight web page integration and ease of use makes it the natural choice for building your next generation of XML-enabled web applications and information systems. To learn more please call us at:

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