

Leverage the value of your company's information assets

Cognetic Systems, Inc.

XQuantum[®] XML Database Appliance: for building content-rich information systems



Highlights

XQuery XML database technology hardware integrated and ready to go

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 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 reduced or eliminated.

Database Features

- Powerful post-relational query language that fully implements the W3C XQuery 1.0 standard
- Full-text searching based on a subset of the W3C full-text extensions
- Scalable multithreaded server architecture shares XML data with distributed clients
- Advanced type system provides both static and dynamic type checking
- Cost-based query optimization using advanced recursive XML indexing
- The database query interface is accessible from most programming environments including .NET, J2EE, Java, C++, C#, and VB
- Integrated with Red Hat Enterprise Linux 5.x.
- Includes batch processing utilities for building XML content

Hardware Features

- HP ProLiant DL160 G6 1U rack-mount industry-standard server
- 2.0 GHz Quad-Core Intel Xeon processor
- 2 GB of ECC memory (UDIMM)
- DVD-RW drive
- (2) 250 GB SATA 7,200 rpm drives

Application Areas

- Applications requiring complex searchable content integrated with images and other media types
- Online journals and book publishing
- Advanced information portals
- XML content processing
- XML data warehousing

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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