Leverage the value of your company's information assets

Cognetic Systems, Inc.

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

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.

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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.

Product Features
- Powerful post-relational query language based on a subset of the W3C XQuery draft standard
- Scalable multi-threaded server architecture shares XML data with distributed clients
- The ability to define new functions is built right into the query language
- Advanced type system provides both static and dynamic type checking
  - Data types can be used to validate XML content
  - The database query interface is accessible from most programming environments including, .NET, J2EE, Java, C++, and C#
  - Runs on Microsoft Windows and UNIX
  - Includes batch processing utilities for building XML content

Application Areas
- Applications requiring

complex searchable content integrated with images and other media types
- Intranet portals containing searchable content integrated with business intelligence data
- Interactive product catalogs for community of business portals
- Applications requiring richly formatted content combined with deep web page integration of data
- General query processing for small to medium sized 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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