

The QueryObject system is a fully compiled rich analytical datamart that represents complex data relationships with polynomial expressions.

ASSOCIATED READING

- QueryObject Product Factsheet
- QueryObject Solutions for Marketing

These documents at www.oceansblue.co.uk

Synopsis

QueryObject is a technically advanced solution effective when deployed either as a scaleable datamart, or operating as intelligent middle-ware to add performance, portability and completeness of view to any existing Business Intelligence framework.

Architecture | Environmental

Designed to mesh with your existing technical corporate standards, core support for multithreading operating systems leverages the scalability and power of Tier 1 Open Systems SMP hosts :

- Windows NT Advanced Server
- Windows 2000 Server
- Windows 2003 Server *provisional support
- Solaris 2.6+
- Digital UNIX 4.0+
- HP-UX 10.20+
- Linux
- AIX 4.3.3 release planned Q3 2003

Enterprise-scale implementations are well supported through the client/server *OpenServer* component, with the ability to host billions of combinant dimension and measure values on a single server.

Application Programming Interfaces

OpenServer provides an XML messaging layer, enabling third party applications to query a hologram suite. Connections are also possible using ODBC/JDBC. Our Web Services (WSDL) layer is due for release Q3 2003.

QueryObject Holograms are directly accessible through industry standard data visualisation tools, including *Business Objects, Brio, Cognos and Microsoft Office*.

KeybackServer delivers derived intelligence en masse at detail level to effector 'line of business' applications, including CRM, Billing and Marketing Campaign Management packages.

“Organizations are challenged with meeting performance and scalability criteria for enabling analytics in the enterprise and e-business environments through traditional centralized OLAP and RDBMS approaches, QueryObject has introduced an innovative and complementary approach to distributed analytical processing through leveraging existing investments and meeting the demands and business needs of Customer Relationship and Supply Chain Management.”

MARK A. SMITH, *Program Director, Application Delivery Strategies, META Group*

Virtual Databasing with Navigator

Melds diverse data sources across the whole corporate infrastructure into a single holistic view. Richer information at data load-time means better analytical results.

We develop native drivers - delivering best performance - for over 37 database applications, including: *Oracle, SQL Server, DB/2 SAP/ERP, Siebel CRM and SYBASE*.

Real-time Information Delivery

QueryObject is the only solution to deliver a fully compiled information store. Zero aggregation is required at query-time, meaning ultra fast responses and low server loading.

With queries serviced in seconds, not hours, real-time intelligence consumer channels such as CRM, Decision Support System dashboards or Internet portals can be successfully underpinned.

Fast build times mean less delay from 'transaction to analysis'.

An 'Information Hologram' – much more than a MOLAP Cube.

At hologram build-time the set of 'all possible user query responses' is stored as polynomial expressions. Servicing a query is akin to solving a mathematical equation; far removed

from the traditional database method of operation.

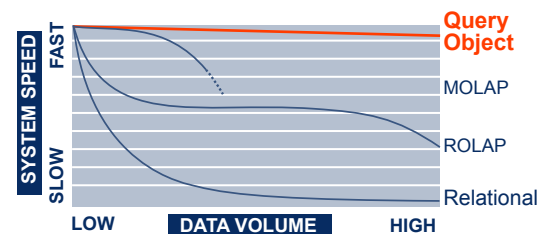
Fractal compression minimizes storage requirements, and means data can be held on line for longer.

Resource-light Implementation

Our rapid delivery approach is complementary to internal IT practices, and our staff are available to support overworked DBAs where required.

Portable Results

Compiled holograms can be hosted on any logically addressable disk, from laptop floppy to RAID frame store.



Source: OLAP Council

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