

PRODUCTS

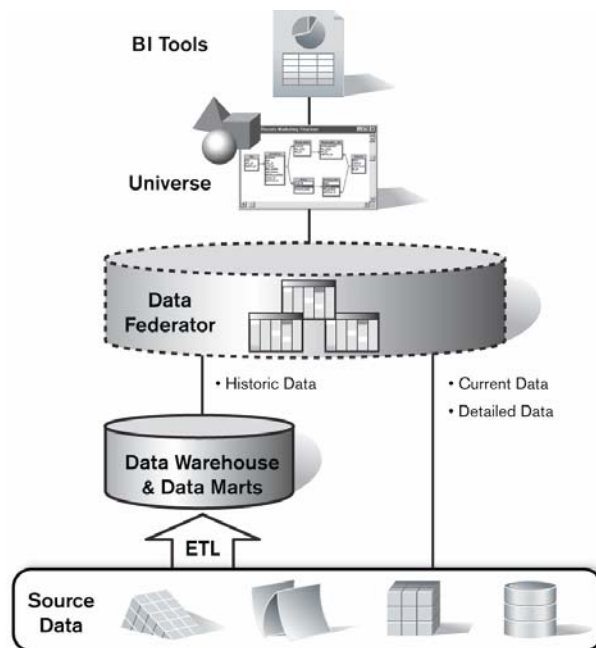
BusinessObjects Data Federator

Get On-Demand Data with Virtual Data Integration

Are you looking to improve the performance of reports and queries accessing multiple data sources? Are data integration complexity and the number of sources increasing faster than your current information systems were originally designed for? BusinessObjects™ Data Federator can help by providing on-demand data access via agile, virtual data integration.

Data Federator creates a virtual view of all your data sources. It allows a single Business Objects universe to map to multiple-sources and optimally federates (i.e. integrates) queries against individual sources directly. Data Federator provides:

- Agile and rapid data integration
- High-performance, on-demand access to information
- Real-time delivery of trusted information



Data Federator accelerates query performance and extends the data warehouse via agile, on-demand, virtual data integration.

Agile and Rapid Data Integration

Data Federator can bring in new sources and manage changing data integration requirements in days. Start by making your disparate data sources look like a single data source to your BI users. Then you can automatically generate a single Business Objects universe that maps to multiple sources. You can provide this single view of disparate sources from a code-free rule-based mapping utility that allows you to intuitively define mapping rules and create source to view mapping – no SQL or difficult transformation workflows needed.

High-Performance, On-Demand Access to Information

Data Federator can often reduce complex multi-source query times by an order of magnitude or two – maybe even three. It has an optimized query engine with patent-pending algorithms and query optimization techniques that minimize data transfers from the sources and avoid writing data to disks. These techniques include sophisticated sub queries, semi-joins, and query simplification algorithm that maximize the power of database query optimizers. Meanwhile, with Data Federator and the right extraction, transformation, and loading (ETL) tool, data can be flexibly and optimally stored in memory or more persistently in an offline database.

Real-Time Delivery of Trusted Information

Are your business intelligence (BI) users asking for current data that's not stored in the warehouse? Data Federator provides on-time access to volatile sources that generate new and repeatedly changing data values – perfect for empowering performance management and operational BI initiatives. And Data Federator's query-time data cleansing and reconciliation capabilities ensure that BI users can trust their information. Bad data is cleansed and reconciled at run-time, ensuring the highest quantity of trustworthy, accurate, and usable data. And administrators can implement appropriate security controls – full user authentication and data encryption with granular database row- and column-level security.

Data Federator Use Cases

Data Federator is extremely flexible and agile, and is most commonly used in the following data integration usage cases:

- **Accelerate multi-source BI query performance.** Provide fast, trusted access, and synchronization of data from three to eight sources or more. Query times can be reduced by several orders of magnitude (think seconds) while providing data quality and higher report authoring productivity.
- **Complement ETL tools.** Extend existing data warehouses and back-end data integration capabilities with agile, real-time data access. IT staff can use Data Federator to quickly bring together ETL-consolidated data with other new, volatile, and sub-atomic sources that have data not found in the data warehouse or data marts.
- **Other non-BI applications.** Beyond decision support, Data Federator's powerful query engine and data quality capabilities are ideal for data migration projects, complex portal publishing tasks, or any where that quick, integration of trusted data is required.

Part of a Broader Enterprise Information Management Solution

Data Federator is a core product in the Business Objects enterprise information management (EIM) product line. EIM includes the strategy, practices, and technologies to deliver a comprehensive approach to managing disparate data in order to drive performance. EIM requires robust data integration and data quality capabilities that are tightly linked to the BI platform. To learn more about Data Federator and EIM from Business Objects, visit our website at

www.businessobjects.com.

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