



Working too hard to find your data?
Get it together.

Product Brief

DataDirect Data Integration Suite

Business needs evolve, corporate mergers occur, and new business partnerships form. As a result, your enterprise accumulates more and more information from a wide variety of data sources. Newer Web-based applications must interoperate with legacy systems, and all business systems must access enterprise data. Whether you hard code between these applications and the various data sources or employ a looser service-oriented architecture (SOA) approach, data integration and visualization remains a challenge.

DataDirect's Data Integration Suite answers this challenge by providing comprehensive, easy-to-use tools, and scalable data processing components that seamlessly connect virtually any data format using standards-based technologies and interfaces.

DataDirect Data Integration Suite Product Architecture

The DataDirect Data Integration Suite Architecture includes DataDirect Stylus Studio XML Enterprise Suite, DataDirect XQuery®, and DataDirect XML Converters™.

These three integral products work together to create a comprehensive solution that provides design and runtime capabilities for standards-based data integration in traditional and SOA environments, with the ability to integrate data from heterogeneous data sources and myriad data formats.

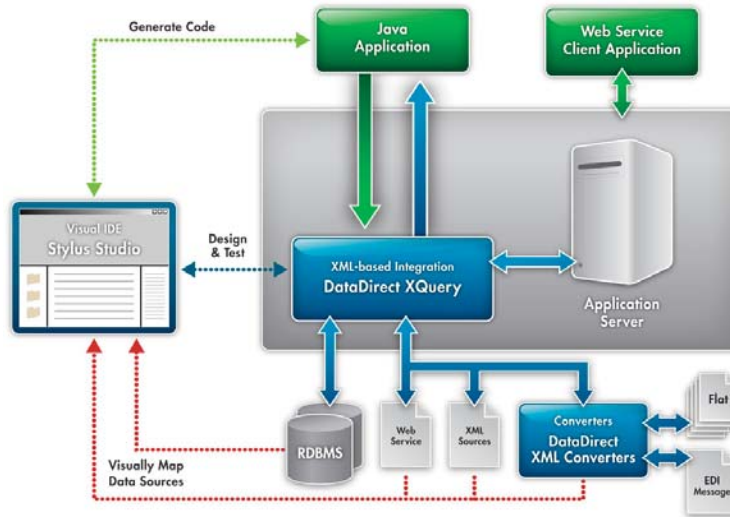
At the core of the data integration architecture is **Stylus Studio XML Enterprise Suite**. An award-winning XML integrated development environment, Stylus Studio supports a wide variety of XML technologies that help speed development of enterprise data integration applications.

As a native XML query language, **DataDirect XQuery** simplifies data integration, native XML processing, and XML reporting. DataDirect XQuery is an implementation of XQuery that can query XML, relational data, SOAP messages, EDI, or a combination of data sources. It provides fast, reliable and scalable XQuery support for all major relational databases and runs on any Java platform.

DataDirect XML Converters, high-performance Java and .NET components that provide bi-directional, programmatic access to virtually any non-XML file including EDI, flat files, and other legacy formats, provide a natural complement to Stylus Studio and DataDirect XQuery. Our XML Converters allow developers to seamlessly stream any non-XML data as XML to industry-leading XML processing components or to any application.

The DataDirect Data Integration Suite bundles these DataDirect products in one package with a single, simple installation. When used alongside one another, Stylus Studio, DataDirect XQuery, and DataDirect XML Converters provide enterprise organizations with a highly flexible and robust data integration product architecture that ensures rapid development and ease of deployment. In addition, DataDirect is constantly adding new functionality to the components of the DataDirect Data Integration Suite to deliver even more IT and business benefits to customer organizations.

DataDirect Data Integration Suite



Key Features

- Eliminates simplifies data integration with a comprehensive set of tools that provide drag-and-drop mapping, code generation and debugging for Java and C# for .NET, and other rapid application development tools for XML and related XML technologies like XQuery, XSLT, Web services, and XML pipelines.
- Provides query and aggregating capabilities for a wide variety of heterogeneous data sources including relational databases (Oracle, SQL Server, MySQL, DB2 and others), XML and flat files, all of which can be integrated into a single result for XML-based data interchange.
- Seamlessly converts virtually any data file including EDI, flat files, and other legacy formats to ready-to-use XML, accessible from any Java or .NET application. Additionally, you can transform XML to other formats like PDF and HTML, or you can leverage existing standards like ODF and OOXML.

Key Benefits

- Maximizes developer productivity by dramatically reducing the need for manual coding, allowing our IT and development organizations to stay ahead of ever-evolving business requirements.
- Integrates core legacy systems within advanced service-oriented architectures, reuses proven integration methodologies, and enables a more flexible IT infrastructure.
- Incorporates data from external sources into enterprise computing systems with minimal risk, delivering needed information to enterprise applications and end-users.
- Leverages massively scalable data processing components that efficiently employ advanced optimization algorithms that support access to gigabyte-size data files.
- Saves precious time, money, and resources with a proven, easy-to-implement, standards-based, lightweight solution.

Data Source Support

Oracle
IBM DB2
Microsoft SQL Server
Sybase ASE
Informix
MySQL
PostgreSQL
Other Relational Databases
XML Sources
Web Services
EDI
Flat Files
OOXML and ODF documents

Streaming interfaces:

StAX, SAX, XmlReader,
XmlWriter, DOM and I/O

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