

statement of direction



Oracle Data Integrator

Updated December 2006

ORACLE DATA INTEGRATOR REAFFIRMS SUPPORT AND OPTIMIZATION FOR ALL MAJOR DATABASE SOURCE AND TARGET PLATFORMS

Oracle will continue to innovate for performance and developer productivity on behalf of its data integration customers. In order to deliver on this goal and provide the most comprehensive platform for real-time and bulk data integration, Oracle Data Integrator (OracleDI) commits to adhere to four key themes in the ongoing direction of the product:

1. Continuing support for 3rd party database optimizations
2. Knowledge Module-driven architecture for maximum flexibility across ETL solutions
3. Best-of-breed E-LT architecture for highest-performance data transformations
4. SOA & Java native platform based on Oracle Fusion Middleware design principles

Commitment to Native Cross-Platform Database Support

Oracle Data Integrator ensures that our customers' data warehouse investments are protected. Unlike other approaches that rely on generic connector technology, the OracleDI commitment is for native optimizations and integrations with database technology from Teradata, Netezza, IBM DB2, Sybase, Microsoft, and of course Oracle Database.

This commitment to excellence and diversity extends from database platforms to application and business intelligence platforms as well. Third-party vendor systems such as SAP R/3, Hyperion, IBM LDAP, and various Microsoft applications will continue to enjoy top-priority from the Oracle Data Integrator product team, as will the complete line of Oracle Applications.

Key Platforms	Current Supported Release(s)	Release Timeframe
Teradata	V2R5.x & V2R6.x	OracleDI 10.1.3
Netezza	Performance Server 2.x & 3.x	OracleDI 10.1.3
IBM DB2	DB2/400 and DB2/UDB	OracleDI 10.1.3
Microsoft SQL Server	2000 & 2005 (+XE)	OracleDI 10.1.3
Sybase ASE & IQ	11.9.x and 12.x	OracleDI 10.1.3

A complete list of supported databases and applications can be found at oracle.com.

Commitment to Knowledge Module Architecture as Future Direction

Investing now in customizations and designs based on Oracle Data Integrator is a safe bet for the future. The powerful Knowledge Module architecture, built for the broadest possible platform support and developer productivity, will be the foundation for all future heterogeneous data integration support. Knowledge Modules form the cornerstone of Oracle's unified data integration strategy going forward. In addition, metadata sharing and runtime integration will enable interoperability between existing products.

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Commitment to the Extract, Load, Transform (E-LT) Architecture

When the product genesis for Oracle Data Integrator introduced the E-LT architecture during the late 1990's, the ETL competition was initially dismissive. Now, the entire ETL market has had to scurry to catch-up. Oracle Data Integrator's competition will talk about "pushdown optimizations" as the way they do what OracleDI provides natively, but since Oracle Data Integrator did it first, we commit to continually do it best. In short, Oracle Data Integrator needn't optimize by pushing down the transformations, because that's what we've always done.

Our customers cite higher performance and fewer hardware costs as the reasons they prefer to leverage the warehouse's engine for doing transformations. Why should they have to resort to manual coding to achieve these benefits or buy new high-performance hardware to execute data transformations that can be executed natively at off-peak times within their existing high-performance data warehouse machines?

Our commitment to our customers is to be diligent in considering their Total Cost of Ownership (TCO) and to ensure that they will not have to increase their overall infrastructure costs to support unnecessary processing or movement of large volume data. Oracle will continue to innovate and natively support the E-LT architecture for high-performance data transformation.

Commitment to Oracle Fusion Middleware Design Principles

Oracle Data Integrator is a sibling technology within the family of Fusion Middleware components. As such, the OracleDI product is fully committed to the open, standards-driven philosophy that other Fusion Middleware products, such as BPEL Process Manager, Toplink and ADF adhere to. This commitment extends to an overall product objective to adhere to the open, hot-pluggable, and unbreakable design goals that are consistent across Oracle Middleware products.

Conventional ETL platforms were born in an age before SOA loose-coupling and J2EE portability were commonplace. As such, Oracle Data Integrator is unique in the data integration marketplace for its all-Java and native SOA-driven architecture. Our commitment to our customers is to ensure simple, low-cost maintainability by adhering to these standard Fusion design principles.

These commitments provide our customers with the unmatched protection, reliability, cost-savings and assurance that their investment in Oracle Data Integrator will not limit their application, server or platform choices in the future and that an investment with Oracle Data Integrator today will continually grow in value over time.