

THE XBRL EXTENSION TO ORACLE DATABASE 11G RELEASE 2 XML DB

FEATURES

- Scalable XBRL solution
- XBRL Storage in the database
- Database enforcement of document integrity based on XBRL DTS rules
- Queryability with XQuery and SQL/PLSQL
- Third Normal Form Logical Data Model Views for relational queryability
- ETL packages for derived and aggregate view generation
- XBRL Dimensions-based aggregate views for both explicit and typed dimensions
- XBRL Network Generation APIs
- Scalable Services for generating and publishing reports

XBRL STANDARDS SUPPORT:

- XBRL 2.1
- XBRL Dimensions 1.0

INDUSTRY STANDARD TAXONOMIES SUPPORT:

- US-GAAP
- IFRS
- COREP/FINREP
- and more

Extensible Business Reporting Language (XBRL) is emerging as the de facto standard used for the exchange of business information and financial data. From the Securities and Exchange Commission in the United States to banking supervisors in Europe to stock exchanges across Asia Pacific, XBRL has become the reporting vehicle of choice for regulators across the globe.

XBRL improves the efficiency, accuracy and transparency of reporting by not only defining what needs to be reported, but also what constitutes a valid report for submission. XBRL submissions are machine readable to enable automated processes, which greatly reduce the chance of errors and increase the speed and efficiency in analyzing reports.

The XBRL Extension leverages Oracle XML DB to provide an Enterprise class solution for collecting, validating, storing, managing, and analyzing XBRL content based on an XML storage model.

XBRL Storage in the Oracle Database

Today, there are solutions in the market from Oracle partners that process XBRL content and store it relationally in the Oracle Database. The XBRL Extension to Oracle XML DB 11g Release 2 provides the alternative of storing the content in its original XML representation and leveraging XML DB to provide relational queryability.

XBRL Extension to Oracle Database 11g Release 2 XML DB

The XBRL Extension to Oracle Database 11g Release 2 XML DB adds XBRL storage to the Oracle Database, allowing organizations to use an Oracle Database for storing, querying and managing XBRL content. Separate third party vendor's XBRL Processing Engine can also be integrated to further allow organizations to process and validate XBRL content on the way into or out of the Oracle Database. Simply put, Oracle XBRL Extension allows creators and consumers of XBRL content to develop, deploy, and manage applications that leverage all the benefits of the XBRL model.

The XBRL Extension to Oracle Database 11g Release 2 XML DB contains the following tightly integrated components:

XBRL Repository – native XML storage complete with XBRL specific extensions that preserves the XML representation of the XBRL content while completely enforcing the

KEY BENEFITS:

The XBRL Extension to Oracle Database 11g Release 2 XML DB provides a complete platform built on the Oracle database for building, deploying, and managing scalable XBRL applications.

integrity of the XBRL taxonomies and instance documents. The XBRL Repository provides a number of XBRL specific services that facilitate operations on large numbers of XBRL documents without losing the XBRL semantics.

Content stored in the repository can be accessed directly from standard desktop environments as well as programmatically via Internet protocols and APIs such as SOAP Web Services and JDBC.

RELATED PRODUCTS:

Also see the following related products:

- Oracle Business Intelligence Enterprise Edition Suite
- Oracle XML DB
- Oracle Partitioning
- Oracle Information Lifecycle Management
- Oracle Data Vault
- Oracle Audit Vault

XBRL Analytics support – live third normal form relational views as well as derived views over the XBRL content enable a wide variety of analytics, charting, reporting and publishing operations on XBRL data performed using the familiar **Oracle BI Enterprise Edition suite** and tools such as Microsoft Excel.

XBRL Content Lifecycle

The XBRL Extension to Oracle Database 11g Release 2 XML DB is designed to support all aspects of the XBRL life cycle, including taxonomy creation, XBRL generation by filers, acceptance and validation of submissions by regulators, publishing by filers and regulators as well as BI analytics of XBRL content by analysts and investors.

Product Architecture and Deployment

The XBRL Extension to Oracle Database 11g Release 2 XML DB leverages the power of Oracle XML DB and the traditional strengths of the Oracle database in reliability, availability, security, and scalability to manage XBRL content. To meet stringent service level agreements, additional Oracle Database options like RAC, ILM, Partitioning, Data Vault, and Audit Vault can also be deployed.

The XBRL Extension to Oracle Database 11g Release 2 XML DB is built on proven technology that can be deployed in a production environment integrated into an existing application or a new application in an enterprise workflow environment.

Third Party Vendor Software Integration

With its support of industry standard protocols, APIs, and relational representations of XBRL content, the XBRL Extension to Oracle Database 11g Release 2 XML DB can be further integrated with third party vendor software products to deliver additional capabilities throughout the life cycle of XBRL content, including taxonomy creation, XBRL generation, validation, publishing, as well as business intelligence analytics and data mining of large volumes of XBRL content.

Contact Us

For more information about XBRL Extension to Oracle Database 11g Release 2, please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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