erwin® Data Connectors by Quest®

AT A GLANCE

Metadata is at the heart of any data intelligence initiative. erwin provides metadata expertise and an expansive library of erwin-built data connectors so that customers can efficiently harvest metadata from across their enterprise data landscape. For use with the erwin Data Intelligence Suite by Quest, erwin Data Connectors by Quest are available for a wide range of industry data sources. They automatically gather metadata spread throughout the enterprise and populate it into the central metadata repository of erwin Data Catalog by Quest, part of the erwin Data Intelligence Suite. Once inside the software, this centralized metadata is used for data mapping, automated data discovery and integration – driving data governance artifacts and processes.

erwin Standard Data Connectors are included at no cost with erwin Data Catalog and automate metadata harvesting and ingestion from common data-at-rest data sources. A broad array of optional erwin Smart Data Connectors are available to take active metadata use to the next level. Through erwin's proprietary automation framework, erwin Smart Data Connectors tackle metadata harvesting from more complex data-at-rest data sources, harvest metadata associated with data-in-motion, and offer forward-engineering capabilities.

SOLUTION OVERVIEW
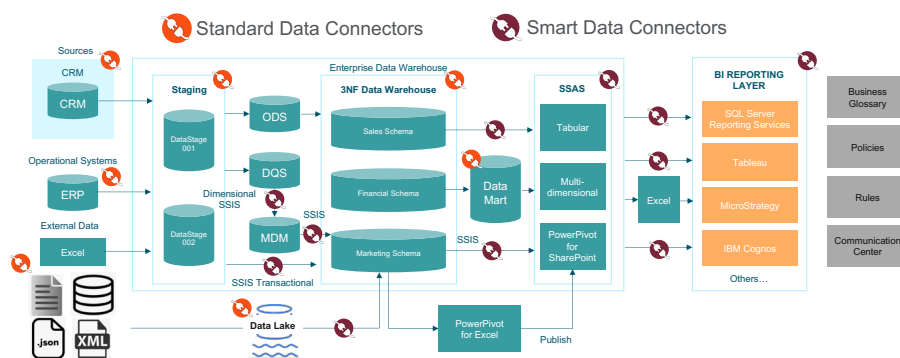
Standard Data Connectors

erwin Standard Data Connectors are out-of-the-box and provided at no charge to automate harvesting and ingesting metadata from common industry data-at-rest sources to erwin Data Intelligence. erwin Standard Data Connectors help customers efficiently collect and maintain current metadata from JDBC-compliant data-at-rest sources, including relational, NoSQL and Big Data database

management systems (DBMS), as well as XML, JSON and CSV flat file metadata.

erwin Standard Data Connectors shorten the time to value for erwin Data Intelligence by eliminating the manual discovery and data entry associated with metadata collection. Built and maintained solely by erwin, erwin Standard Data Connectors provide customers with a single, trusted partner to work with as software, data sources and targets evolve.

BENEFITS OF ERWIN SMART DATA CONNECTORS

- Automate discovery and ingestion of complex data-at-rest metadata and schema from non-JDBC compliant data sources, API-based and cloud-based file storage; Mongo DB, MariaDB and other semi-structured data sources; schemaless data and from other data catalogs into erwin Data Catalog

- Automate discovery and ingestion of data-in-motion for SQL, ETL, 4GL and BI procedural code and any data source with an open SDK into erwin Data Catalog

- Automate code generation to eliminate repetitive hand-coding, speed development project delivery and ensure code quality

- Accelerate project timelines and reduce complexity and barriers to successful delivery and maintenance of a Data Vault

Use included erwin Standard Data Connectors to leverage JDBC-compliant data-at-rest metadata from common industry sources. Add Smart Data Connectors to capture more complex data-at-rest and data-in-motion metadata, and automate code generation, lineage, documentation and more.

Smart Data Connectors

Optional erwin Smart Data Connectors extend data architecture visibility and create engineering efficiencies that shorten delivery time and reduce risk. In addition to metadata harvesting from more complex data-at-rest data sources, erwin Smart Data Connectors provide reverse-engineering capabilities to collect data-in-motion metadata and forward-engineering capabilities to activate metadata-driven processing within the development lifecycle. A wide library of erwin Smart Data Connectors is available to connect erwin Data Catalog with industry-standard DBMS, ETL/ELT platforms and BI/reporting applications. Backed by the robust parsing, code generation and metadata activation capabilities of erwin's proprietary automation framework, erwin Smart Data Connectors can be developed and customized to fit even the most complex environment.

Reverse-engineering

Reverse-engineering is the best way to gain a complete and unified view of an organization's current data architecture. erwin Smart Data Connectors automate reverse-engineering efforts, and include data sources, flows, transformations and targets. This information becomes an invaluable asset to guide decision-making, impact analysis and data governance.

Forward-engineering

The forward-engineering automation capabilities of erwin Smart Data Connectors extend the power of metadata and enable IT teams to eliminate redundant manual coding efforts, automatically document data pipeline development and change, standardize engineering approaches and govern the development lifecycle. The standardization and auto-documentation provided by pairing erwin Smart Data Connectors with erwin Data Intelligence assist IT organizations in retaining tribal knowledge, assuring quality, minimizing risk and controlling costs in moving projects forward.

erwin Data Connectors are backed by the deep integration expertise and track record of erwin Professional Services, a proven partner to overcome any data challenge. Through this experience, erwin offers the broadest, most powerful library of data connectors on the market. See a complete list of erwin Data Connectors on erwin.com.

ABOUT QUEST

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From maximizing the value of their data, to Active Directory and Office 365 management, and cybersecurity resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.

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