

erwin® Data Connectors

AT A GLANCE

Automatically activate metadata from virtually any source to any target in a single data catalog, including auto documentation of lineage. erwin provides this metadata-driven automation through two types of data connectors: 1) standard connectors for JDBC-compliant data sources and 2) optional smart connectors to harvest metadata from a wide array of custom data sources, including data warehouses, Hadoop, database procedural code, ETL/ELT tools and BI tools. Our data connectors support an underlying and unifying metadata model and code generation for visibility and sustainable governance while reducing the time and errors associated with manual data preparation, deployment and governance.

KEY BENEFITS/RESULTS

- Centralize and automate metadata management and code generation, saving time and money
- Improve regulatory compliance with visualization of sensitive data flows
- Eliminate reliance on spreadsheets and other manual tasks
- Optimize data-intensive projects
- Auto document data lineage and impact analysis
- Document deployment details
- Harmonize data integration across platforms

KEY FEATURES

- Automated metadata scanning and harvesting of JDBC-compliant and customer data sources
- Reverse-engineering of metadata and specifications for major BI and reporting solutions
- Reverse-engineering of ETL/ELT, database procedural and scripting code into a centrally managed mapping repository
- Forward-engineering of ETL/ELT, database procedural and scripting code from a centrally managed mapping repository with rigorous lifecycle control
- Connectivity for a wide range of file types, data ecosystem repositories, testing environments and data architecture methodologies

SOLUTION OVERVIEW

Metadata-driven automation sustains data governance and accelerates development through comprehensive and automated code generation for data integration, transformation and movement projects.

- **erwin Standard Data Connectors** — Feed your data catalog from any JDBC-compliant data source across your enterprise. These standard connectors are included with the erwin Data Catalog and erwin Data Intelligence Suites.
- **erwin Smart Data Connectors** — Harvest metadata and generate code for a wide array of custom data sources, including ETL/ELT platforms, BI reports, database procedural code, testing automation, ecosystem utilities and ERP environments. Pricing to customize these connectors for seamless integration with your environment is based on connector type.

CRITICAL DIFFERENTIATORS

- **Metadata-driven approach** — Power a centralized and integrated data catalog complete with metadata mapping, SDLC management, metadata versioning and built-in data profiling, sampling and quality metrics.
- **Wide range of connectivity** — Depict metadata for “data at rest” as well as “data in motion.”
- **Schedulable and configurable** — Scan and harvest metadata incrementally or completely.
- **End-to-end data lineage** — Automatically document data lineage down to the column level.

Following are lists of the data connectors erwin offers. If you believe you need a connector you don't see below, please contact your erwin or erwin partner representative.

erwin Standard Data Connectors

Category	Technology Platform	Reverse	Forward
Data Modeling Tool Connectors	erwin DM	X	
	Embarcadero ER/Studio	X	
	OMG.CWM.XML	X	
	SAP/Sybase Power Designer	X	
Relational Databases / Big Data Connectors	Amazon Redshift	X	
	Cloudera	X	
	Google Big Query	X	
	Greenplum	X	
	HortonWorks	X	
	HP Vertica	X	
	IBM DB2 and DB2 on mainframe	X	
	IBM Netezza	X	
	JDBC (any)	X	
	Microsoft SQL Server	X	
	MongoDB	X	
	MS ACCESS	X	
	MySQL	X	
	Oracle and Oracle Exadata	X	
	Pervasive	X	
	Snowflake	X	
Sybase	X		
Teradata	X		
File Format Connectors	CSV	X	
	JSON Schema	X	
	XSD/XMI	X	
ERP System Connectors <i>(Available as part of erwin Safyr for ERP)</i>	JD Edwards	X	
	Microsoft Dynamics AX	X	
	Microsoft Dynamics CRM	X	
	Oracle EBS	X	
	PeopleSoft	X	
	Salesforce	X	
	SAP	X	
	SAP BW	X	
Siebel	X		

erwin Smart Data Connectors

Category	Technology Platform	Reverse	Forward
Metadata Connectors	AVRO	X	
	Azure Data Lake (Gen 1/Gen 2)	X	
	Cobol Copybooks	X	
	Gzip	X	
	Kafka Topics	X	
	Mongo DB	X	
	ORC	X	
	Parquet	X	
	S3 Scanner	X	
	Snappy	X	
ETL Platform Connectors	AWS Glue	X	
	Azure Data Factory	X	X
	Data Bricks	X	
	Denodo	X	
	IBM DataStage	X	X
	Informatica PowerCenter	X	X
	Matillion	X	
	Microsoft SQL Server Analysis Services (SSAS)	X	
	Microsoft SQL Server Integration Services (SSIS)	X	X
	Oracle Data Integrator	X	X
	Oracle Warehouse Builder	X	
	Pentaho Data Integrator	X	
	Qlik Replicate	X	
	SAP Data Services	X	
	SAP HANA Calculated Views	X	
	SAS Data Integrator	X	
	Snaplogic	X	
Talend	X	X	
ELT Platform Connectors	Aurora SQL	X	
	Azure Synapse SQL	X	
	Microsoft SQL Analytics Platform System	X	
	Microsoft SQL Server TSQL	X	X
	Oracle PL/SQL	X	X
	PowerShell Scripts	X	
	Redshift SQL	X	
	Snowflake SQL	X	X
	Sybase SQL	X	
	Teradata SQL	X	

erwin Smart Data Connectors (continued)

Category	Technology Platform	Reverse	Forward
BI Report Connectors	Cognos	X	
	Microsoft SQL Server Reporting Services (SSRS)	X	
	MicroStrategy	X	
	Oracle OBIEE	X	
	Power BI	X	
	Pyramid Analytics	X	
	QlikView	X	
	QlikSense	X	
	SAP Business Objects	X	
	Tableau	X	
	Web Focus	X	
Programming Language	Java	X	
	PySpark	X	
	Python	X	
Testing Automation	Data Aggregation Comparitor		X
	Data Comparitor		X
	Metadata Comparitor		X
Eco-System Connectors	Apache Atlas	X	
	AWS Glue Catalog	X	
	Azure Data Catalog	X	
	GIT Hub	X	X
	Google Big Query Catalog	X	
	IBM Information Governance Center	X	X
	Jira		X
	Mulesoft	X	
Methodology	Data Vault (Package of Smart Connectors)		X

For more information, please visit www.erwin.com.

As the data governance company, erwin provides enterprise modeling and data intelligence software to help customers discover, understand, govern and socialize their data to mitigate risks and realize results. The erwin EDGE platform facilitates IT and business collaboration in driving actionable insights, agile innovation, risk management and business transformation. We help government agencies, financial institutions, healthcare companies and other enterprises around the world unlock their potential by maximizing the security, quality and value of their data assets.