



erwin Data Intelligence

Release Notes

Release v12.0

Legal Notices

This Documentation, which includes embedded help systems and electronically distributed materials (hereinafter referred to as the Documentation), is for your informational purposes only and is subject to change or withdrawal by Quest Software, Inc and/or its affiliates at any time. This Documentation is proprietary information of Quest Software, Inc and/or its affiliates and may not be copied, transferred, reproduced, disclosed, modified or duplicated, in whole or in part, without the prior written consent of Quest Software, Inc and/or its affiliates

If you are a licensed user of the software product(s) addressed in the Documentation, you may print or otherwise make available a reasonable number of copies of the Documentation for internal use by you and your employees in connection with that software, provided that all Quest Software, Inc and/or its affiliates copyright notices and legends are affixed to each reproduced copy.

The right to print or otherwise make available copies of the Documentation is limited to the period during which the applicable license for such software remains in full force and effect. Should the license terminate for any reason, it is your responsibility to certify in writing to Quest Software, Inc and/or its affiliates that all copies and partial copies of the Documentation have been returned to Quest Software, Inc and/or its affiliates or destroyed.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, QUEST SOFTWARE, INC. PROVIDES THIS DOCUMENTATION AS IS WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT WILL QUEST SOFTWARE, INC. BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOSS OR DAMAGE, DIRECT OR INDIRECT, FROM THE USE OF THIS DOCUMENTATION, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST INVESTMENT, BUSINESS INTERRUPTION, GOODWILL, OR LOST DATA, EVEN IF QUEST SOFTWARE, INC. IS EXPRESSLY ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

The use of any software product referenced in the Documentation is governed by the applicable license agreement and such license agreement is not modified in any way by the terms of this notice.

The manufacturer of this Documentation is Quest Software, Inc and/or its affiliates Provided with Restricted Rights. Use, duplication or disclosure by the United States Government is subject to the restrictions set forth in FAR Sections 12.212, 52.227-14, and 52.227-19(c)(1) - (2) and DFARS Section 252.227-7014(b)(3), as applicable, or their successors.

Copyright© 2022 Quest Software, Inc. and/or its affiliates All rights reserved. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

Contact erwin

Understanding your Support

Review [support maintenance programs and offerings](#).

Registering for Support

Access the [erwin support](#) site and click Sign in to register for product support.

Accessing Technical Support

For your convenience, erwin provides easy access to "One Stop" support for [erwin Data Intelligence \(erwin DI\)](#), and includes the following:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- erwin Support policies and guidelines
- Other helpful resources appropriate for your product

For information about other erwin products, visit <http://erwin.com/>.

Provide Feedback

If you have comments or questions, or feedback about erwin product documentation, you can send a message to distechpubs@erwin.com.

erwin Data Modeler News and Events

Visit www.erwin.com to get up-to-date news, announcements, and events. View video demos and read up on customer success stories and articles by industry experts.

Contents

What's New	6
Discover Assets	6
My Action Center	7
Data Quality Analysis using DQLabs	8
Enhanced Data Lineage and Impact Analyzer	8
Snowflake Key-Pair Authentication	9
Productivity Enhancements	10
Enhanced Auto Map Capabilities	10
Fetching SDI Classification from Data Sources	10
Business Entity Types	11
UI for Scheduled Jobs Maintenance	11
Multi Sensitive Data Classification	11
Enterprise Tags	12
Compliance Reports Starter Kit	12

What's New

The latest erwin Data Intelligence (erwin DI) version,v12.0, has the following new features:

[Discover Assets](#)

[My Action Center](#)

[Data Quality Analysis using DQLabs](#)

[Enhanced Data Lineage and Impact Analyzer](#)

[Snowflake Key-Pair Authentication](#)

[Productivity Enhancements](#)

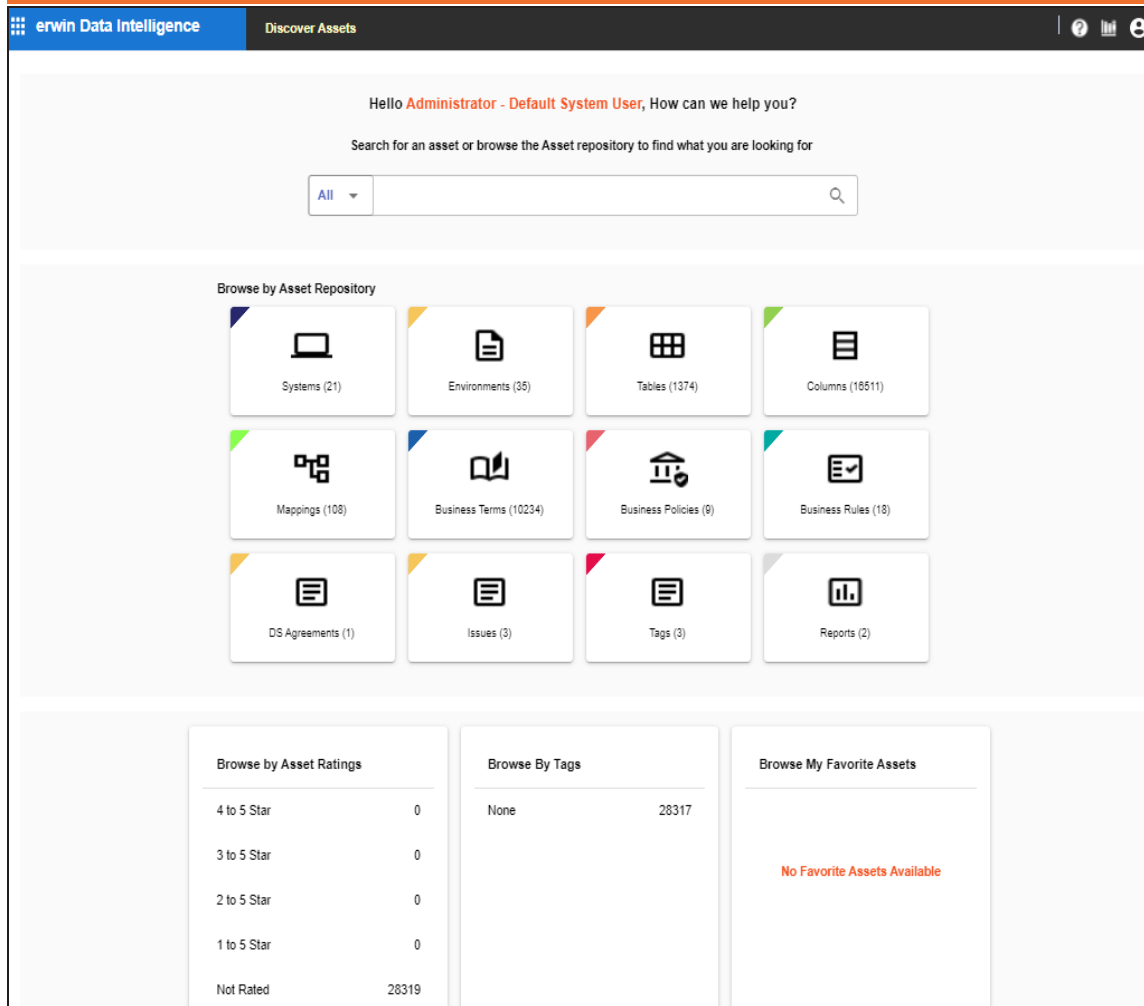
The following sections explain each feature in brief. For detailed information about features, refer to the [Detailed Features List](#).

Discover Assets

erwin DI now introduces an asset discovery module, [Discover Assets](#), replacing the erwin DI Business User Portal (erwin BUP).

It provides business users and data governance teams with an easy way to discover data and collaborate on data assets. With flexible search and filter mechanisms, mind maps, lineage, impact, and data ratings, you can analyze data assets, improve data accessibility, promote collaboration, and make data governance decisions.

What's New



My Action Center

erwin DI now introduces a module, [My Action Center](#) to manage tasks created and assigned to team members for collaboration. You can track tasks, chat with assigned users, and configure task types. Apart from a separate module, My Action Center is accessible for mappings and business assets via Mapping Manager and Business Glossary Manager respectively.

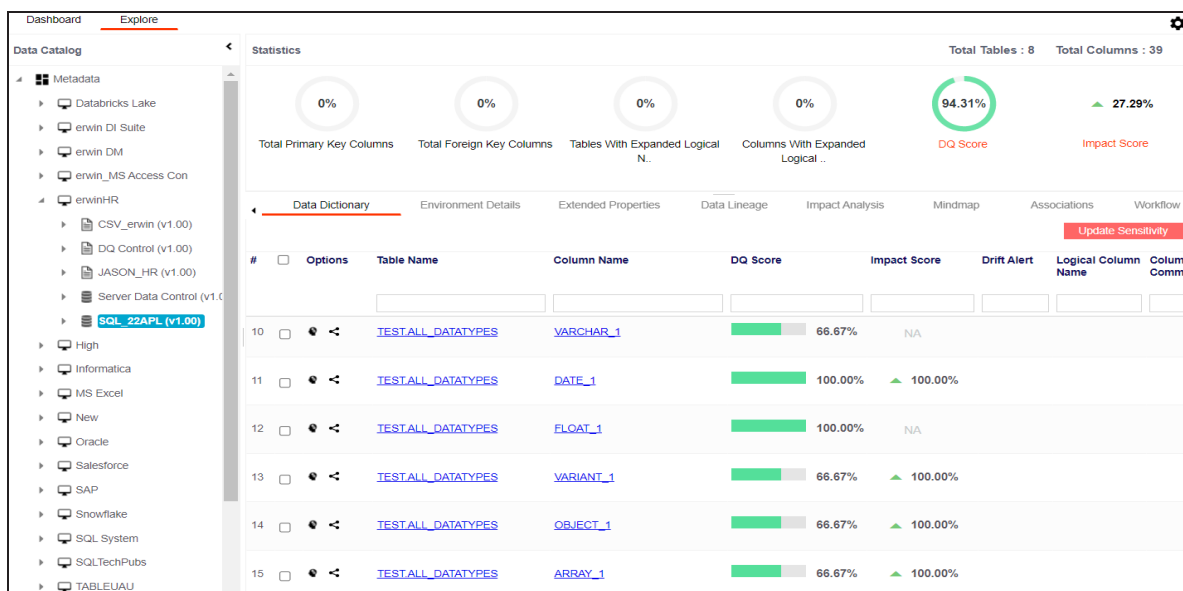
Data Quality Analysis using DQLabs

erwin DI now offers data quality capabilities and integrates DQLabs as data quality analysis partner. This helps organizations reduce operational risks and costs and empower team operations to support better data governance.

AI powered DQLabs lets you [profile data](#) across your environments and datasets associated with your metadata to provide in-depth data quality analysis. Leverage the data quality analysis to understand the deviation in data, monitoring drift, behavior analysis, and more.

Data quality analysis is displayed alongside erwin DI's data catalog, asset searches, lineage, and impact analysis.

This [integration](#) enables you to derive data quality parameters, such as DQ Score, Impact Score, and Drift Alert in erwin DI's Metadata Manager. Data quality analysis for environments, tables, and columns.



Enhanced Data Lineage and Impact Analyzer

You can now dive into asset-based, comprehensive, cleaner, and performance-efficient data analysis using the enhanced data lineage and impact analyzer.

What's New

Data lineage and impact analysis now uses new age graph database technology and extends enterprise asset and sensitive data classification tagging for greater visibility and automated governance. This further boosts performance and usability, and in turn, lets you run lineage on a specific asset on core modules.

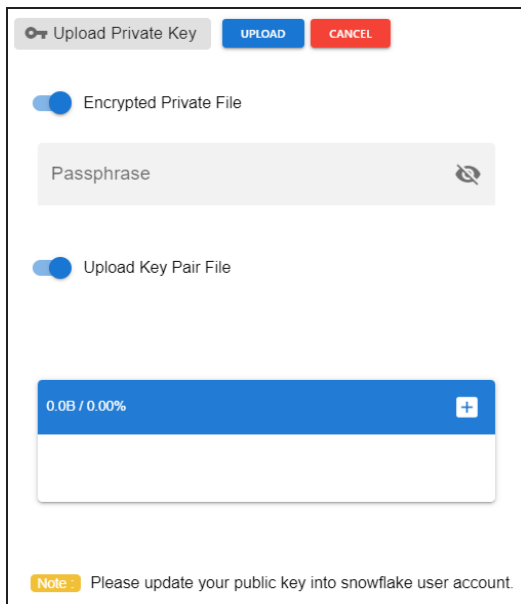
Data lineage visualizations integrate data quality scores, sensitive data classifications, simplified asset overviews, and more, all in a single view.

Tables are now grouped within systems and environments in the lineage diagrams to enhance readability and data governance. Also, improvements to UI brings new graphical and grid view across the application.

You can run lineage analyzer for an asset at any level from [discover assets](#), [metadata](#), and [mapping](#) manager modules. Also, you can perform impact analysis for an asset at any level from [discover assets](#), [metadata](#), and [mapping](#) manager modules.

Snowflake Key-Pair Authentication

erwin DI now offers the [key pair authentication](#) support for Snowflake. Instead of using password to connect to the Snowflake database, you can use more secured key pair authentication.



The screenshot shows a dialog box titled "Upload Private Key" with a key icon. It contains two main sections. The first section, "Encrypted Private File", has a toggle switch that is turned on, a "Passphrase" input field with a toggle icon, and an "UPLOAD" button. The second section, "Upload Key Pair File", has a toggle switch that is also turned on. Below this is a file upload area showing "0.0B / 0.00%" and a plus icon. At the bottom, there is a "Note" box stating: "Please update your public key into snowflake user account."

Productivity Enhancements

Enhanced Auto Map Capabilities

You can now use the [auto map](#) feature even when the source and target columns do not match. With enriched auto map capabilities, you can view recommended matches for a source column and select the most appropriate target column.

Auto Map Source & Target Objects

Mapping Groups: [Add Group](#) [Delete Group](#) Ranking Threshold: $\geq 50\%$ Number of Recommendations: ≤ 50

View All
EmployeeTerritories_Em

Source Object(s)

dbo.EmployeeTerritories
dbo.Employees

Target Object(s)

dbo.EmployeeTerritories
dbo.Employees

Auto Mapping Preview Grid

#	Source System	Source Environment	Source Object	Source Attribute	Target Attribute	Target Object	Target Environment	Target System	Total Recommendations
5	QuestHR	QuestPayroll	dbo.Employees	City	City	dbo.Employees	AdvancePayroll	QuestPayroll	2
6	QuestHR	QuestPayroll	dbo.Employees	Country	Country	dbo.Employees	AdvancePayroll	QuestPayroll	2
7	QuestHR	QuestPayroll	dbo.Employees	EmployeeID	EmployeeIDNu	dbo.Employees	AdvancePayroll	QuestPayroll	3

Total Rows: 21 | Target Tables: 2 | Source Tables: 2 | Targets Not Mapped: 1 | Sources Not Mapped: 1

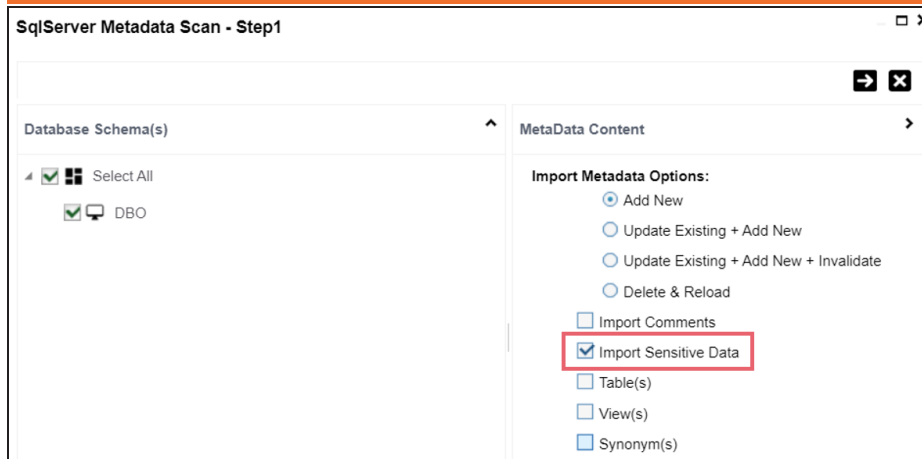
☐ Create a distinct Mapping for every Group

Fetching SDI Classification from Data Sources

Import Sensitivity Data Indicator (SDI) classification when you harvest metadata from your data sources. You can import SDI classification for SQL, Oracle, and Snowflake data sources.

Select the **Import Sensitivity Data** during a metadata scan to fetch SDI classifications for the assets.

What's New



Business Entity Types

You can now configure background color, text color, and icon of any environment and table using the [Business Entity Types](#) setting.

Business Entity Types										
#	Entity Name	Object Type	Background Color	Text Color	Icon	Created By	Created Date Time	Last Modified By	Last Modified Date Time	Actions
1	System	SYSTEM				System	2022-04-19 12:47:01.38	System	2022-04-19 12:47:01.38	
2	Amazon Redshift	ENVIRONMENT				System	2022-04-19 12:47:01.35	System	2022-04-19 12:47:01.35	
3	Big Data - Cloudera	ENVIRONMENT				System	2022-04-19 12:47:01.357	System	2022-04-19 12:47:01.357	
4	Big Data - Hortonwor...	ENVIRONMENT				System	2022-04-19 12:47:01.36	System	2022-04-19 12:47:01.36	

UI for Scheduled Jobs Maintenance

You can now [manage all scheduled jobs](#) (metadata, smart connectors, and so on) via a single screen with the ability to abort long running tasks.

Multi Sensitive Data Classification

erwin Data Intelligence has enhanced capability to tag an IT or Business Asset with multiple levels of sensitivity. You can now tag assets with more than one data classification at a time.

Enterprise Tags

You can now [create and tag IT assets](#) in the Data Catalog including Systems, Environments, Tables, Columns and Mappings to speed future discovery, organize for analysis and lay the foundation for future automation.

Compliance Reports Starter Kit

You can now generate compliance reports for your assets, [import](#), [run reports](#), [set threshold](#), and [send alerts periodically](#) with predefined report sets that come with the Compliance Reports Starter Kit. [View and download the compliance reports](#) in the Discover Assets module.