ER/Studio's Integration with Collibra for Data Governance

The importance of data governance has escalated. Data modeling is an essential tool for comprehension of data and data assets and can help. Data modeling is more important now than ever in the development or enhancement of data governance. Data models improve the efficiency of data governance programs to help identify what information is important to an organization and where that data resides.

The integration between ER/Studio and Collibra enables organizations to unify their data governance and data architecture initiatives to drive efficiency and reduce risk. This allows organizations to exploit the valuable knowledge of data architects in data governance initiatives and ensure that organizations design operational data assets within a governance framework.

LINK DATA ARCHITECTURE TO DATA GOVERNANCE

Data architects possess extensive comprehension of the data assets and information of an organization. This expertise allows them to associate these assets with business terminology and explain the ontological relationships between these terms. Hence, data architects make an ideal addition to the data governance initiatives of an organization.

Data governance often experiences several pain points that data modeling by data architects can address:

LACK OF DATA VISIBILITY
Data governance often struggles with a lack of visibility of the data of an organization. Data models help to visualize complex data structures, relations, and rules, ensuring better access.

IRRELEVANT DATA COLLECTION
Organizations often face the challenge of devoting significant time and resources to collecting irrelevant data. Proper data models can ensure the focus stays on data that helps the organization grow and achieve its objectives.

MISALIGNED BUSINESS VALUE
When data governance does not provide obvious value, it may not garner the essential support from stakeholders. By aligning data models with crucial use cases, organizations can understand the significant value of data governance and to enable better commitment.

NOT IN COMPLIANCE
Complying with regulatory mandates that highlight how organizations use, report, and manage data is often challenging. Data modeling can provide the structure needed to comply with these regulatory standards and ensure the accuracy and quality of data.

DATA SILOS
Data segmentation hinders comprehensive access to organizational data. Overarching data models can bridge these data silos by summarizing data assets across the organization.
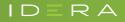
LACK OF CLARITY ABOUT DATA GOVERNANCE ROLES
Often, organizations struggle with setting up robust data governance roles. Incorporating these roles into data models can clarify responsibilities and streamline the data governance process.

RISKY CLOUD MIGRATION
Organizations want to move to the cloud but suffer from the collateral impact. Robust data models can simplify this process, providing a map not only for the current landscape but for future transformations as well.

IDERA

THE UNIFIED DATA ECOSYSTEM

Employing data modeling within data governance strategies can build a cohesive data ecosystem, enhancing the effectiveness of the data governance efforts. This integration then refines the overarching data approach of an organization.

DATA MODELING WITH ER/STUDIO

ER/Studio is the leading solution for enterprise data architecture, because of its extensive data modeling features, effective metadata management, adherence to standards and guidelines, alongside scalability and flexibility. Its emphasis on collaboration and teamwork sets it further apart. ER/Studio aids data architects in the design and comprehension of data assets, assisting organizations in the exploration, documentation, and reutilization of such assets.

DATA GOVERNANCE WITH COLLIBRA

Collibra is the preeminent solution for data governance, thanks to its ability to integrate data catalogs, continuous enhancement of data quality, built-in privacy, and strong data lineage. It also supports collaborative workflows and allows for the customization of policies and processes.

ER/STUDIO AND COLLIBRA WORKING TOGETHER

Integrating ER/Studio and Collibra allows the exchange and pooling of knowledge between the data architecture team and the data governance team to maintain a unified data ecosystem. The unified data ecosystem has three regions:

- The business glossary with business terms that data stewards use to define business terms of the organization and the rules associated with it for data governance.
- The logical data models data architects use to define the information of the organization and the rules associated with it to design data assets.
- The physical data models data stewards use to understand the contents of data assets and map to business terms, and data architects use for the detailed design of data assets.

The integration between ER/Studio and Collibra connects these three models and unites the teams of data stewards and architects. In particular, users can:

- Seed a Collibra glossary by harvesting terms and term relationships from logical data models.
- Synchronize business glossaries in Team Server with Collibra.
- ER/Studio users can contribute new terms to the Collibra workflows.
- Use business terms from Collibra's business glossary to classify logical and physical modeling artifacts in ER/Studio.
- Upload ER/Studio's logical and physical data models of data assets with mappings to business terms to the Collibra data catalog.

These processes lead to time savings, more comprehensive business glossaries, and a richer data catalog. Your data architects can use their deep knowledge of data and assets to contribute to the data governance program.

Combining ER/Studio and Collibra is ideal for organizations that are starting, maintaining, and expanding data governance initiatives. For example, users can harvest business terms and relationships between terms from logical data models to seed business glossaries. And as users discover they need new business terms, they can create them in ER/Studio so that they then pass to Collibra and into the standard workflow.

WHAT ARE THE NEXT STEPS?

To explore for yourself how combining ER/Studio and Collibra benefits your data governance program, please schedule a personalized product demonstration.

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