



CA ERwin Web Portal 9.6.1

New Features

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CA ERwin Web Portal version 9.6.1

Data Documenter

The data documenter allows users to fully document models over the web. Introduced recently is the full integration (import and and export) with data modeling tools like CA ERwin Data Modeler.

Data Model Diagram Visualizer

HTML5 redesign

The model diagram visualization is now based upon an HTML 5 based implementation which includes better scalability, performance and overall layout quality, and supports iPad and other tablets.

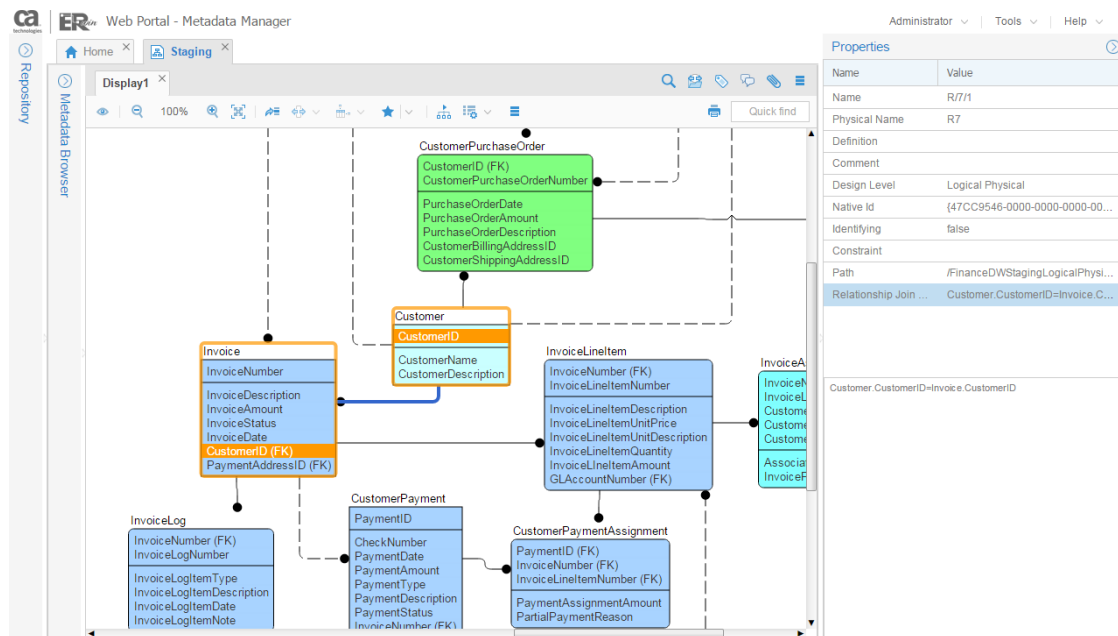


Figure 1 - HTML5 based diagram visualization

New interactive search

All model diagrams now provide a quick find feature that interactively provides highlight of partial matches and auto completion suggestions.

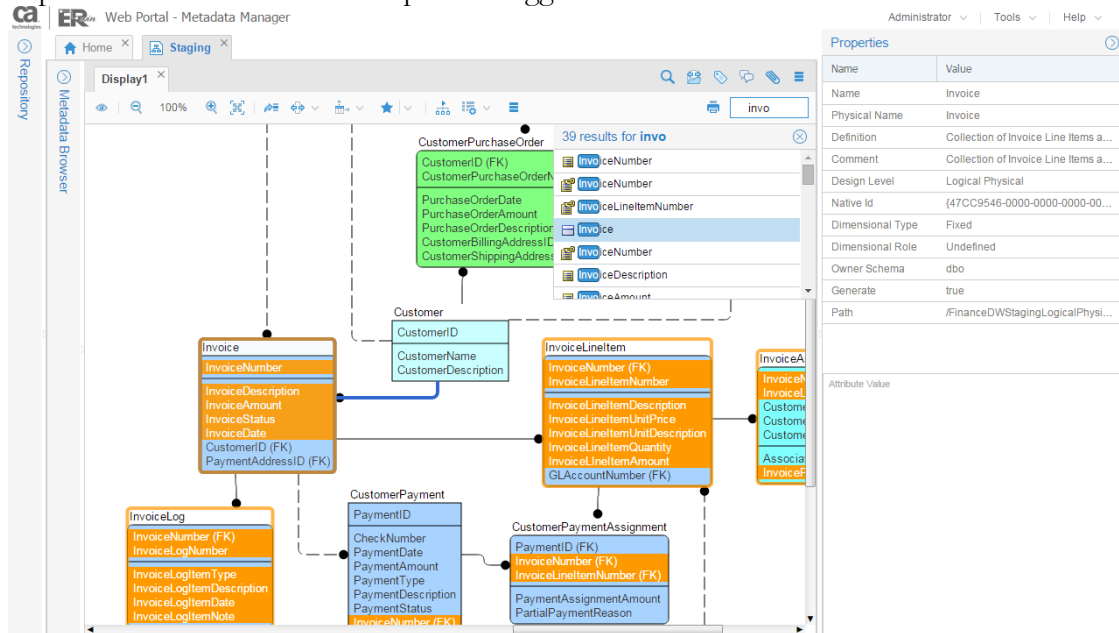


Figure 2 - HTML based diagram visualization

New diagram auto layout

One may now use an auto-layout feature to re-layout diagrams beyond what was offered in the original source tool

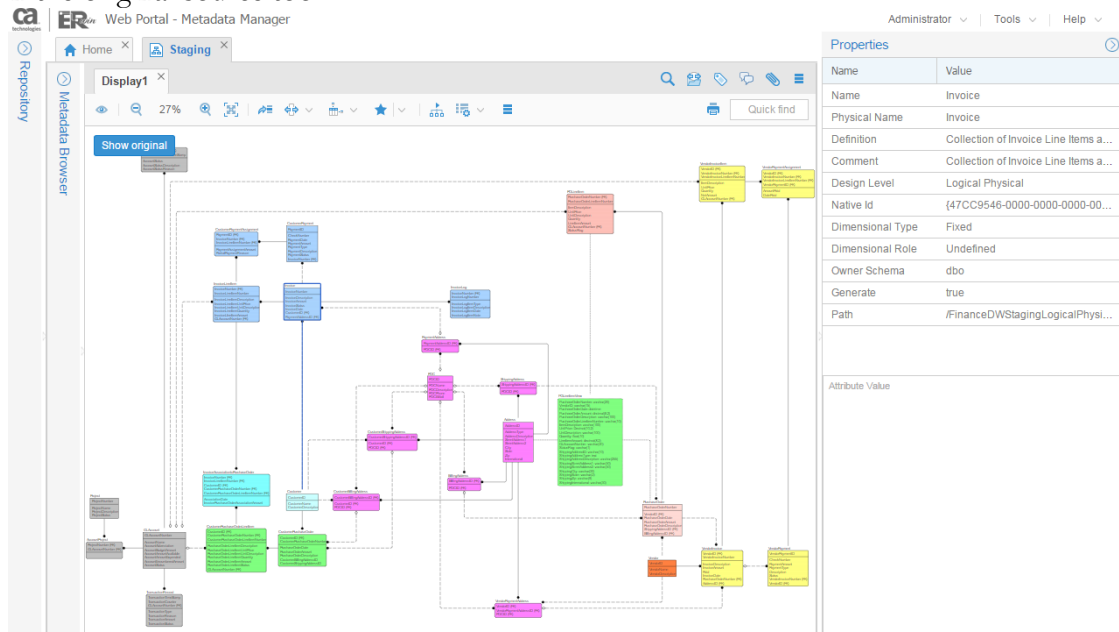


Figure 3 - Model diagram auto-layout feature

One may always return to Show Original.

New dynamic layout of a diagram subset

One may now limit the context of a diagram dynamically to focus in on specific entities or tables and their relationships. Simply select an entity or table and one can show a contextual diagram of all related entities with one or two levels of relationships.

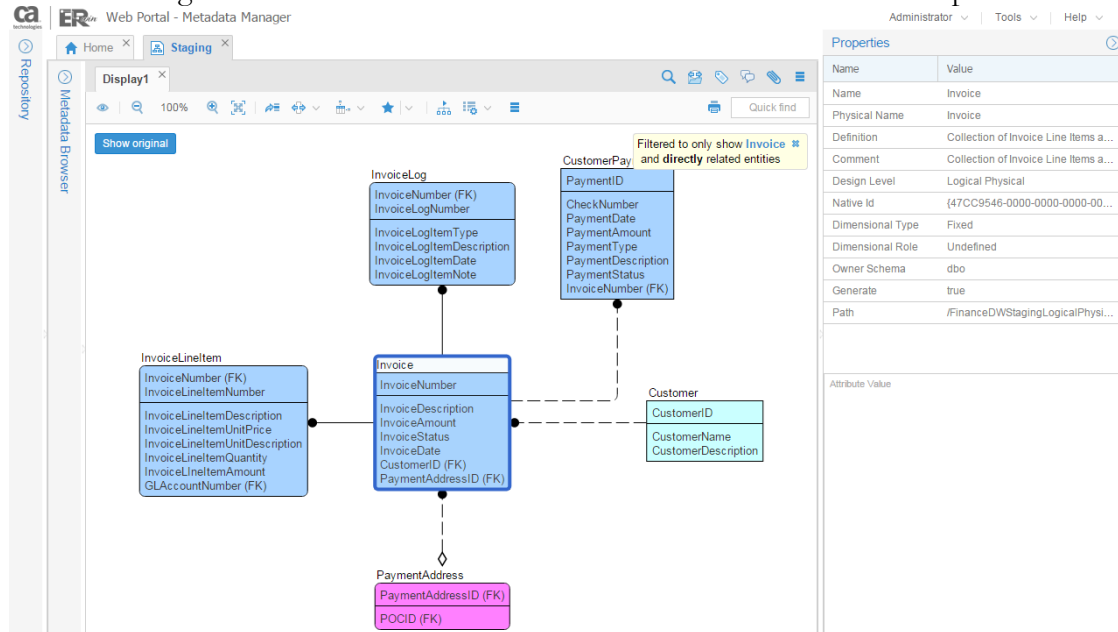


Figure 4 - Show related entities or tables

This can be very useful for large diagrams.

Lineage Trace

New support for HTML5 only devices like iPad and other tablets, (Flash will no longer be needed) for graphically tracing any data flow or semantic lineage (Lineage Analyzer), including the same improvements in scalability, performance and overall layout quality.

Semantic Mapper

The semantic mapper now allows one to map directly to multi-model metadata (such as a subject area, a table, or a domain). This allows one to document precise items within a given collection of models by associating (via these semantic links) business glossary terms (or conceptual model elements) to those model elements.

Business Glossary

In order to ensure that the [business Glossary] is accurate, up-to-date, and available to all who need access to it and integrated properly with the rest of the metadata in the repository, CA ERWIN WEB PORTAL also provides a robust collection of Data Governance tools and methodologies. The business glossary now provides a very flexible workflow and publication process that may alternatively be quite sophisticated or quite simple depending upon one's needs. In addition, one may maintain any number of business glossaries, each with different workflow and publication characteristics.

The most complete workflow possible is in the diagram below:

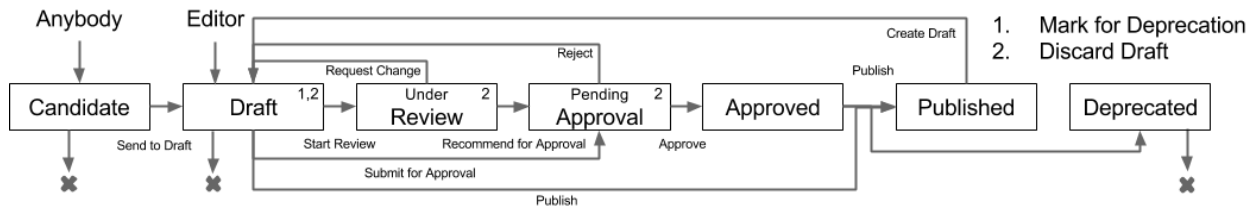


Figure 5 - Complete workflow process

You may enable the workflow when you create the glossary or after.

The business glossary provides a comprehensive yet flexible and even optional draft and candidate based edit/review/approve process (workflow).

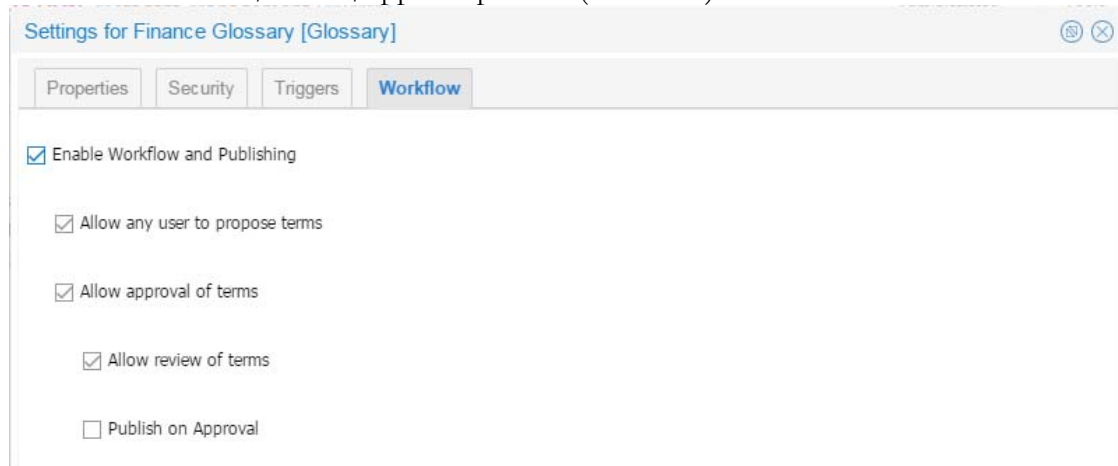


Figure 6 - Business Glossary workflow options

This workflow involves users with Editor, Reviewer or Approver responsibilities.

In addition, the process of publication is independent of the rest of the optional workflow steps. Publication of a draft of a term in the glossary means that this new version is now visible to users in the metadata explorer UI. In this way, one has full control over publication and dissemination of terms independently of where they are in the workflow process.

Figure 7 - Complete Workflow process with roles and workflow actions identified

In the above diagram

- The four workflow roles are the horizontal bands
- Activities conducted by each role (expressed in the metadata manager UI as workflow buttons)
- The process flow (arrow lines)
- Draft/Published/Deprecated terms are ovals.

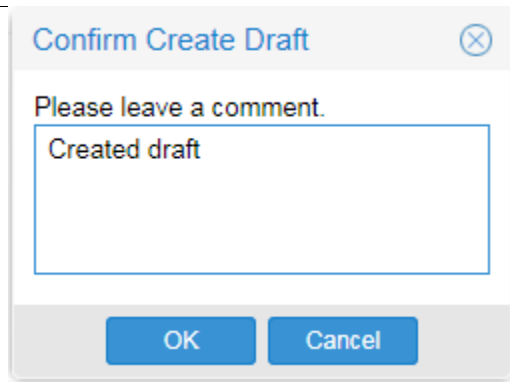


Figure 8 - Create a Draft

Workflow driven search criteria (dashboards) are available allowing one to efficiently organize terms and identify what requires action at any given time.

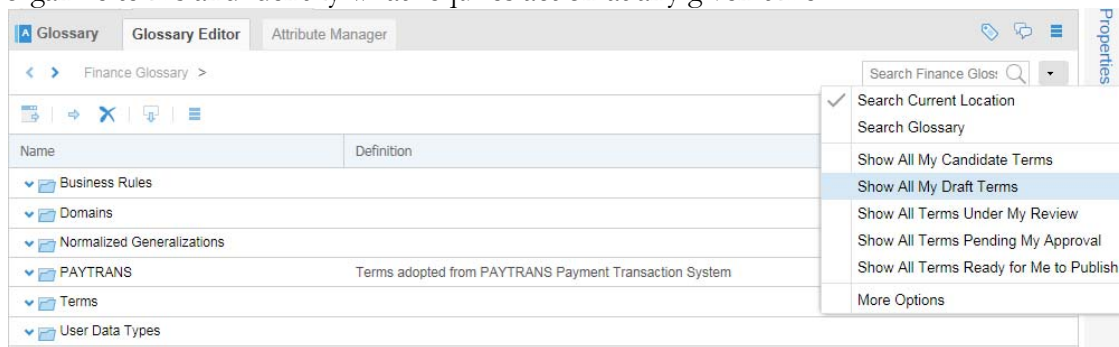


Figure 9 - Business glossary dashboards

Workflow action (transition) buttons provide guidance to users with appropriate permissions as to what are the next steps in the workflow. Also, all workflow actions are fully tracked and logged for review and history.

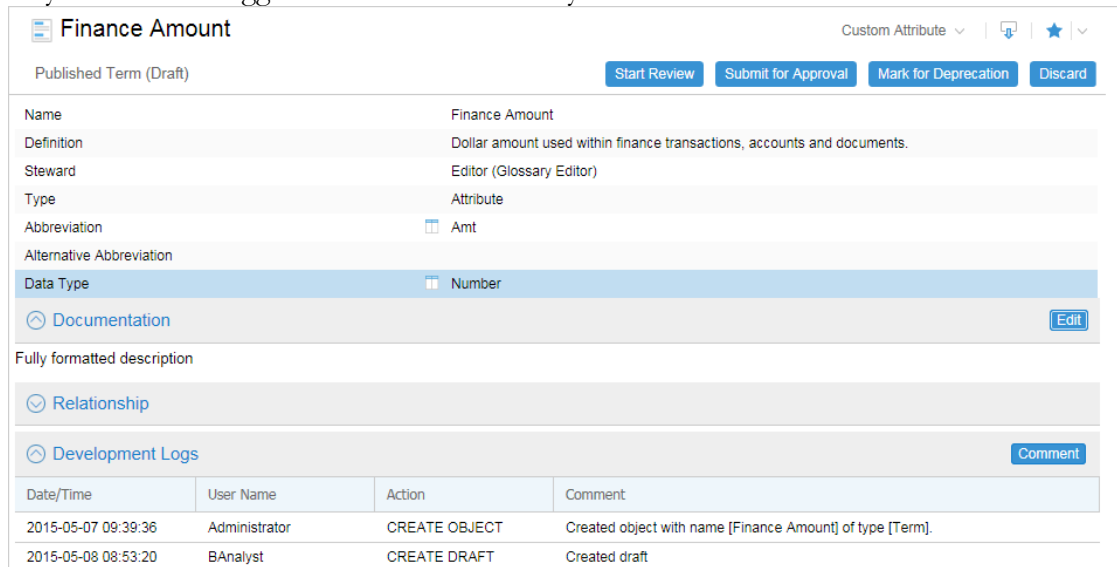
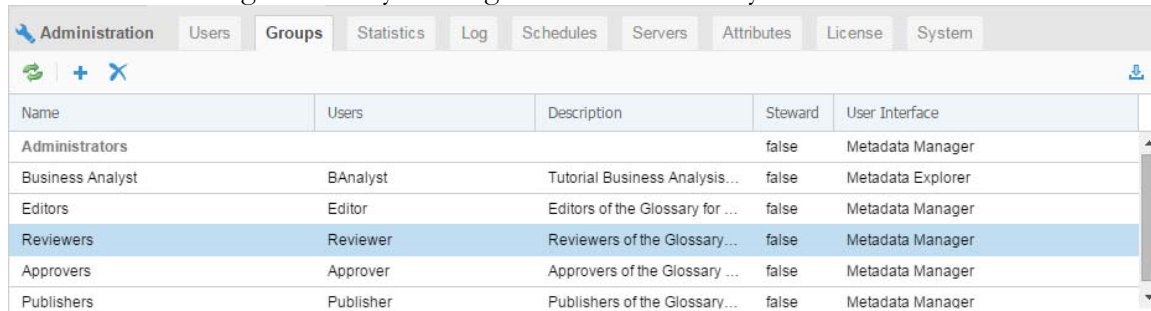


Figure 10 - Workflow action buttons and workflow process logs

Administration

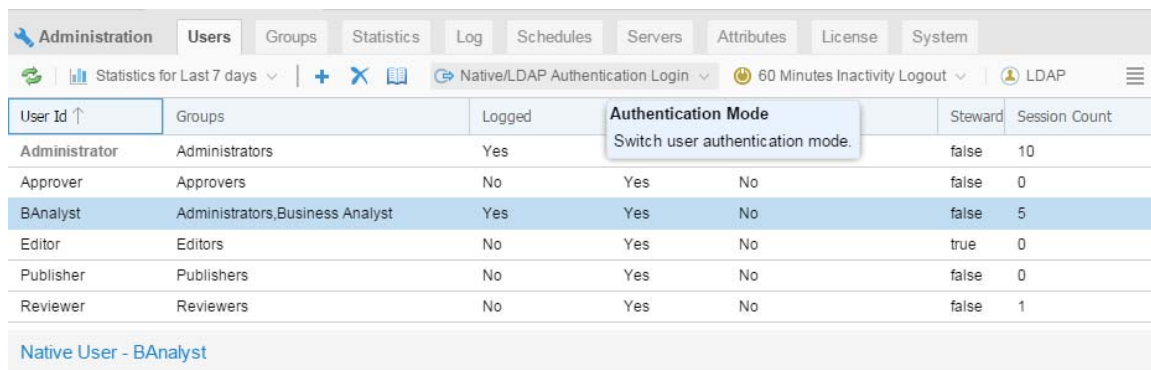
Group based security model

Users may now be members of groups and inherit those permissions (security roles) and workflow roles assigned or may be assigned the same directly.



Name	Users	Description	Steward	User Interface
Administrators			false	Metadata Manager
Business Analyst	BAnalyst	Tutorial Business Analysis...	false	Metadata Explorer
Editors	Editor	Editors of the Glossary for ...	false	Metadata Manager
Reviewers	Reviewer	Reviewers of the Glossary...	false	Metadata Manager
Approvers	Approver	Approvers of the Glossary ...	false	Metadata Manager
Publishers	Publisher	Publishers of the Glossary...	false	Metadata Manager

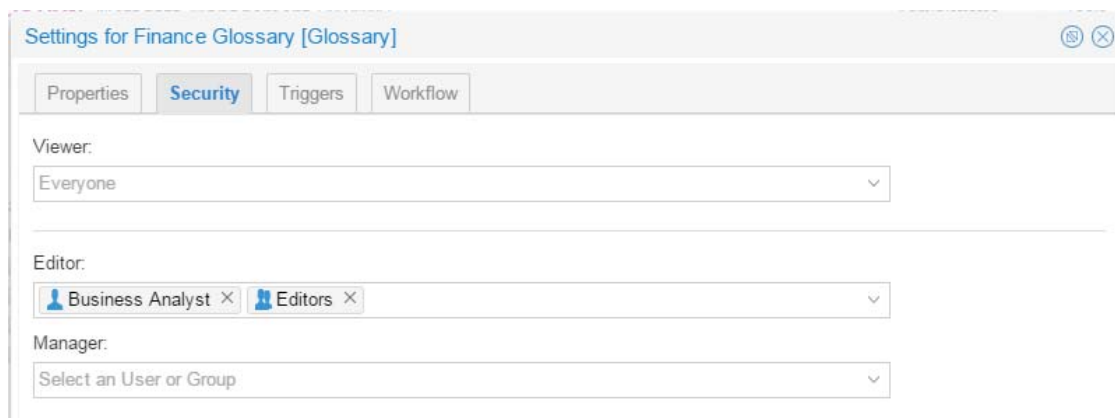
Figure 11 - Groups



User Id ↑	Groups	Logged	Authentication Mode		Steward	Session Count
Switch user authentication mode.						
Administrator	Administrators	Yes			false	10
Approver	Approvers	No	Yes	No	false	0
BAnalyst	Administrators,Business Analyst	Yes	Yes	No	false	5
Editor	Editors	No	Yes	No	true	0
Publisher	Publishers	No	Yes	No	false	0
Reviewer	Reviewers	No	Yes	No	false	1

Native User - BAnalyst

Figure 12 - Users



Settings for Finance Glossary [Glossary]

Properties Security Triggers Workflow

Viewer:
Everyone

Editor:
Business Analyst Editors

Manager:
Select an User or Group

Figure 13 - Assigning permissions or security roles

Assign Workflow Roles

Reviewer:

Business Analyst × Reviewer × Approver ×

Editor:

Editor ×

Approver:

Approver ×

Publisher:

Publisher ×

Figure 14 - Assigning workflow roles

Architecture and Technology

Latest Java Support

CA ERWIN WEB PORTAL is not developed with full Java 8 compliance (and is compiled with backward compatibility with Java 7). Java 6 is no longer supported.

Metadata Integration (Model Bridges)

Data Stores (RDBMS, XML, Big Data)

Improved Bridges

- Oracle JDBC import minor improvements such as support for external tables
- Database (JDBC) import bridge minor improvements in expression parsing

Data Modeling (DM)

New Bridges

- CA ERwin 9 Data Modeler import/export bridges support for version 9.6 including support for extended notes

Improved Bridges

- Data Modeling tool support for SQL Server 2014

General Features and Metamodel Changes

- Java 8 (compiled with backward compatibility with Java 7) compliance of MIMB (Java 6 is no longer supported)

