



CA ERwin[®] Modeling Product Roadmap

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CA ERwin® Modeling Products

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Product Mission

The CA ERwin Modeling products from CA are industry-leading modeling solutions that facilitate the creation and maintenance of enterprise-level information architectures, as well as their distinct components: databases, data warehouses, enterprise data models, and process models. These models help organizations visualize their data and process architectures so that they can effectively organize, manage and moderate information complexities, database technologies and their deployment environment.

Maintaining a competitive edge in today's market requires faster, better decisions based on accurate information. Organizations must manage and maintain their information resources while facing increasingly complex challenges such as mergers, acquisitions, limited staffing resources, and constantly changing technology. Building high-performance business applications such as data marts and data warehouses in today's complex environment requires organizations to build and maintain solid enterprise information architectures.

The CA ERwin Modeling products help organizations to easily build and maintain the necessary architectures and operational components by allowing modelers to visualize and discover complex data structures; facilitate the documentation of data sources, activity and process flows; and assisting in the establishment of enterprise-wide standards for managing information assets. These products streamline an organization's overall design process by harmonizing data, metadata and process information as well as by automating database maintenance via automatic forward, reverse, and bidirectional synchronization capabilities.

The CA ERwin Modeling products incorporate an easy-to-use graphical environment that simplifies design, automates many time-consuming tasks, and accelerates the development of high-quality standardized information assets. These products enhance communication within an organization by enabling architects, analysts, database administrators, and developers to share, reuse and present models as well as complex corporate information assets in a format that is easily understood and maintained. This allows organizations to respond faster to evolving business needs by showing the impact of change on information assets and enabling faster implementation of desired modifications.

Product Strategy

The CA ERwin Modeling products provide the strategic gateway necessary to:

- Provide RDBMS support and helps to create a competitive advantage using state-of-the-art modeling technology,
- Simplify and automate common data administration, analysis and modeling tasks,

- Offer integration and interoperability between compatible product solution sets and partner offerings,
- Enhance operational system performance,
- Customize a complete metadata solution that balances product functionality and cost to address “real world” challenges,
- Extend the boundaries of traditional modeling to encompass tasks such as instance data analysis and cross-system reconciliation, and
- Enable the sharing and reuse of standard modeling objects and constructs across disparate business and technical roles within the organization.

Our ongoing strategy for modeling is to continue to dominate the market as the leading information architecture and database design solution. Future product release plans will reflect customer requirements and those market trends that extend the value of our products for our customers. To augment our development efforts we plan to continue to build and leverage strong partnerships, both internal and external, to maximize the value that our products deliver.

Planned improvements address CA’s ongoing product strategy in several ways. First, we will continue to align our product direction and future development projects with CA’s vision of EITM. Next, we intend to comply with applicable corporate development mandates such as product installation policies and industry UI standards and shall focus on those areas that provide the greatest value to our customers based on competitive analysis, market research and customer feedback. Those areas include, but are not limited to: increased product automation; metadata reporting and publication capabilities; modeler productivity; ease-of-use; value-add integrations and utilities; collaboration; and

management of enterprise standards. Lastly, we plan to provide customers Enterprise IT integration through a common set of integration technologies. Implementation of these technologies will facilitate integration with other CA products and to allow the independent pieces of our technology solutions to leverage each other to provide industry leading management capabilities.

Current Release Status

Release Number: r7

Version / Build: r7.3.1.1670

Target End of Support Date: Q2 CY2011

http://www.ca.com/files/ProductBriefs/ca-erwin-model-family-prod-family-brief_145815.pdf

Next Release

CA ERwin Modeling r8, which includes:

- CA ERwin Data Modeler r8
- CA ERwin Model Manager r8
- CA ERwin Process Modeler r8
- CA ERwin Data Model Validator r8
- CA ERwin Model Navigator r8

The above listed products are integrated to provide maximum benefit to our customers. As a result, when a new release of the modeling family is created, all products are updated and released simultaneously.

In addition, CA ERwin Modeling also includes:

- CA ERwin Saphir* Option
- CA ERwin Data Profiler

These two OEM products are not covered by this Roadmap as they are released on schedules managed by their respective

vendors. However, CA works closely with our OEM partners to help ensure that their future product releases include features and functionality identified by our customers and as prioritized by CA Product Management.

Planned New Features / Functionality in the Future

Each new feature or functionality included in future releases is subject to change based on a number of factors, including but not limited to internal and external beta testing, development plan changes, and feedback from customers and users. Accordingly, the product may have different features and/or functionality than stated in this Roadmap.

Following, are the new and/or improved features and functionality currently planned for release during the first half of Calendar Year 2010:

- **Database Support** – Updated support for the relational database syntax to permit full round-trip modeling across Forward Engineering, Reverse Engineering and Complete Compare (FE/RE/CC) across:
 1. DB2/UDB (z/OS and LUW)
 2. Teradata 13
 3. SQL Server 2008
- **Enhanced Diagramming** – Delivery of new, flexible and state-of-the-art capabilities for manipulating, managing and visualizing CA ERwin Data Modeler data models including, but not limited to:
 1. Style sheets
 2. Multiple model layout options
 3. Flexible zoom control, relationship management and line decoration

4. Enhanced model navigation and display controls
- **“Bulk” Editor** – An integrated feature similar to a spreadsheet intended to provide users with a configurable and editable view of model metadata.
 - **Guided Editors** – Redesign of all logical and physical guided editors to meet the same high standards set by recently released database specific (e.g., SQL Server 2005, Teradata) editors.
 - **Spell checker** – New functionality to validate the spelling of the textual content contained on all definition, note and comment tabs across our product UI.
 - **Crystal Reports** – Release of an automated integration between a fully scalable graphical representation (e.g., pictures) of model diagrams and generated textual reports.
 - **FE Wizard** – Incorporation of the latest User Centered Design concepts to simplify and enhance the process of effectively accomplishing schema generation.
 - **Transforms** – Re-architected to embrace a simplified single state approach to the translation of logical modeling constructs into physical implementation constructs.
 - **History/Notes “Merge”** – The metadata from these two model objects will be combined resulting in an integrated, comprehensive chronology of product generated events and user developed commentary.

Internationalization/ Localization

The international market continues to play an important role in our long-term development and market plans. In accordance with CA policy, our CA ERwin Modeling products are internationally certified in 9 languages (French, German, Italian, Spanish, Portuguese, Japanese, Korean, Traditional Chinese and Simplified Chinese).

Japanese localization is planned at this time.

Product Direction

Future product release features are primarily driven by customer feedback (focus groups, user groups, Product Line Community, enhancement requests, and beta participants), product management research, market research and analysis, and competitive analysis.

Based on these sources of information and additional insights, we have defined the following areas of potential enhancement for future product development:

1. Full support for the current and previous GA versions of all supported databases (per published *Database Support Policy*).
2. Simplify and enhance the modeling user interface to improve product ease-of-use. Items include, but are not limited to:
 - Enhanced compliance with MS Windows and other industry standards (e.g., Section 508)
 - Power-user feature capable of displaying and/or manipulating metadata properties related to a single model object or a collection of model objects
3. Exploitation of available system and workstation resources to improve product performance and enhance management of enterprise-wide models.
4. Improved multi-model object sharing and management including a "Where-Used" function to facilitate modeler-directed inter-model impact analysis and reporting.
5. Additional host-level integrations and an expanded set of model management workflow capabilities.
6. Enhanced feature set and product capabilities in the areas of:
 - Naming and datatype standards
 - Dimensional modeling capabilities
 - View support
7. "Service-level" API extensions (including a command-line interface) to permit access to executable product components such as FE, RE and CC as well as a gateway to cross-product integrations.
 - Reorganization of default options, product configurations, user preferences and other product settings
 - Improved model support to provide for nesting of libraries and subject areas
 - Enhanced "drag-and-drop" operations to facilitate creation and reuse of standard metadata objects, and inter-model use of modeling objects

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