

CA ERwin® Data Profiler

CA ERWIN® DATA PROFILER HELPS ORGANIZATIONS REDUCE THE COSTS AND RISK ASSOCIATED WITH DATA INTEGRATION BY PROVIDING REUSABLE, AUTOMATED, CROSS-DATA-SOURCE DISCOVERY, ANALYSIS AND PROFILING.

Challenges

The costs related to poorly documented, or completely undocumented, data sources often represent more than 50 percent of a project's overall budget — putting the success of any data warehouse (DW), master data management (MDM) or integration-oriented data management project at risk.

Solution

The newest addition to the CA ERwin® Modeling family, CA ERwin Data Profiler helps increase the quality of your critical data assets by performing cross-system analysis, generating robust data-quality metrics and statistics and validating raw data with database design and architecture.

Benefits

A low-cost alternative that extends the value of your business information via robust data discovery and control technology, CA ERwin Data Profiler combines proven techniques with value-added capabilities to help you synchronize the data design within your database — so you can significantly improve response times and decrease administration costs.

Reusable, Multi-source Data Analysis

For most organizations, data-source discovery, analysis, documentation and comparison are major resource drains during data-intensive projects. And since the expenses associated with these ongoing tasks often represent a large percentage of a given project's overall cost, strategic initiatives are often delayed, reduced in scope or cancelled altogether due to a lack of funding and resources.

CA ERwin Data Profiler can help you overcome traditional data discovery and control challenges via powerful MDM, data migration, data integration business intelligence (BI) and DW functionality. An entry-level solution that ensures rapid and comprehensive return on investment (ROI), CA ERwin Data Profiler helps you improve the value of the information that drives your business, as well as increase your ability to meet ongoing and future organizational needs.

What's more, the solution finds hidden inconsistencies in data, provides robust statistics to correct errors in your database or modeling environment and also offers integration with CA ERwin Data Modeler, which you can utilize to compare live instance data with model design.

Key Features

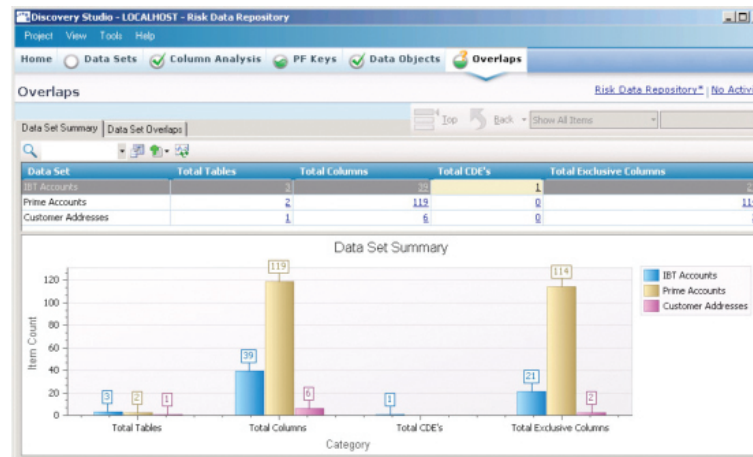
CROSS-SYSTEM ATTRIBUTE OVERLAP ANALYSIS Performs an automated cross-compare of all columns across many data sources (up to 20) in order to establish a baseline of overlapping data. By leveraging this functionality, you can discover attribute supersets and subsets, as well as overlapping and unique attributes, to speed reconciliation of disparate data sources and effectively identify and document transformation requirements.

DATA SYNCHRONIZATION ANALYSIS Validates the uniqueness of a potential global identifier in each data source and then confirms that data across sources can be aligned and synchronized using this identifier. This functionality enables you to prototype and test survivorship rules between sources before you move the data into a master structure, helping you ensure quality and consistency across existing sources and well-aligned target structures.

COLUMN PROFILING AND ANALYSIS Helps reduce analysis cycles and increases their effectiveness through consistent and standardized results. In addition, this functionality enables the automatic discovery of standard column statistics, including data type, value frequency, mode, selectivity, format and more.

PRIMARY KEY - FOREIGN KEY DISCOVERY Offers fully automated discovery, definition and visualization of relationships within a single data source. Inferred relationships provide critical structural insights into legacy data structures, as well as points of comparison and confirmation for documented metadata — allowing your analysts and designers to account for inherent relationships when building target systems.

CA ERWIN DATA MODELER INTEGRATION Enables the creation of data models that can be persisted and reused within CA ERwin Data Modeler for documentation, impact analysis and stakeholder visualization purposes. Based on metadata inferred from the instance data and profiling results in CA ERwin Data Profiler, these models help you achieve proper business alignment, improved end-user understanding and reduced analysis cycles in subsequent projects.



Leveraging CA ERwin Data Profiler in Your Organization

CA ERwin Data Profiler offers a low-cost, easy-to-use solution that can provide robust data profiling capabilities on a variety of platforms, including relational databases, spreadsheets and legacy flat files, to help you improve data reuse and standardization across the enterprise.

To learn more about CA ERwin Data Profiler, contact your authorized reseller or your local CA representative at ca.com/contact/rmdm. Request a proposal today and gain mastery over your business-critical information.

To learn more, and see how CA ERwin Data Profiler can help you unify and simplify data management for better business results, [visit ca.com/modeling](http://ca.com/modeling).