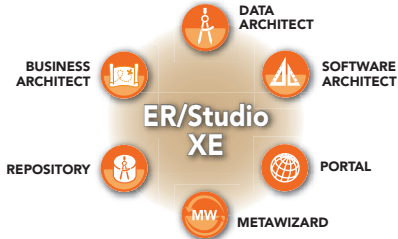


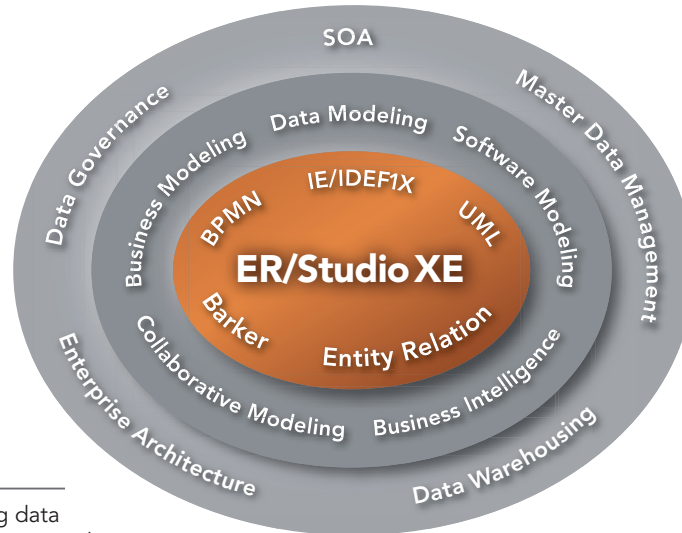
ER/Studio® XE

Enterprise design & modeling



ER/Studio XE is the fastest, easiest and most collaborative way for data management professionals to build and maintain enterprise-scale databases and data warehouses. Built in facilities automate routine modeling tasks so users can analyze and optimize database and data warehouse designs faster than ever. With a server-side model management system and online portal, it is simply the most productive way to share, document and publish your models and metadata to distributed teams.

- Enterprise class data modeling and design
- Business modeling for connecting process and data
- Object-oriented software modeling
- Server based repository collaborative modeling
- Real-time model business intelligence



ENTERPRISE CLASS DATA MODELING AND DESIGN

ER/Studio XE, with its industry-leading data modeling capabilities, enables companies to discover, document, and re-use data assets. With round-trip database support, data architects have the power to easily reverse-engineer, analyze, and optimize existing databases. ER/Studio XE provides strong reporting and communication capabilities which can be used to enforce organizational standards and achieve higher levels of productivity.

BUSINESS MODELING FOR CONNECTING PROCESS AND DATA

ER/Studio XE provides process and conceptual modeling to enable architects to easily document business processes and how they access data. Bringing together the simplicity of a drawing tool with the rich semantics of the BPMN standard, business users can easily model the relationships between processes, people and data.

OBJECT-ORIENTED SOFTWARE MODELING

With rich object-oriented modeling features, application architects can visually analyze and design complex software applications. By supporting the UML 2.0 specification, it simplifies the design stage of a project by organizing and visualizing the requirements, subsystems, design patterns, and audit and metrics of intensive software systems.

REAL-TIME MODELING BUSINESS INTELLIGENCE

ER/Studio XE includes a robust web-based query and reporting engine that allow users to access and search the ER/Studio Repository for improved understanding of metadata, object whereabouts, and data usage. It can be accessed via any web browser for cross-model and repository-wide data definition and object searches.

SERVER BASED COLLABORATIVE MODELING

ER/Studio XE includes a server-side model management system that solves the day-to-day challenges of modeling data and business processes together where team collaboration, model access and data integrity are needed. It allows multiple users to be extremely productive on data and business process modeling projects with real-time concurrent access to a server based model management system that team members can share and re-use assets across projects.

Design & Modeling Products

ER/Studio XE

Complete modeling and architecture solution combining data, process and UML modeling into a powerful multi-level design environment

ER/Studio Data Architect

Data modeling tool for analyzing, designing, creating, and maintaining database applications

ER/Studio® Portal

Centralize self-service web portal for searching and reporting metadata contained in the ER/Studio Repository

ER/Studio® Repository

Server-side model management system for collaborative team modeling

ER/Studio® Business Architect

Business modeling tool for connecting process and data

ER/Studio® Software Architect

Object-oriented modeling tool to visually analyze, design and implement complex application and data structures

ER/Studio® MetaWizard

Integrate metadata across modeling tools, business intelligence, ETL platforms and industry-standard exchange formats (XMI, XML and XSD)

ER/Studio® Viewer

View, navigate and print ER/Studio models in a view-only environment

ER/Studio® Universal Data Models

Industry data model templates for ER/Studio that reduce development time and facilitate standardization

Embarcadero®

Schema Examiner

Automate error-checking and corrections for database schema to quickly and easily improve data quality and system performance

Select Features

ER/Studio Data Architect

"Where Used" Analysis with User-defined Mapping	Displays the mappings between logical entities and attributes and their implementation across physical designs. Allows data architects to customize the mapping of logical and physical artifacts for informational purposes.
Visual Data Lineage	Visually documents source/target mapping and sourcing rules for data movement across systems. Customize data flows with shapes.
Round-trip Database Support	Round-trip database support for forward and reverse engineering.
Advanced Compare and Merge	Enables advanced, bidirectional comparisons and merges of model and database structures such as logical-to-physical, physical-to-physical, physical-to-database, etc.

ER/Studio Business Architect

Conceptual Model Creation	Support for high-level conceptual modeling using elements such as subject areas, business entities, interactions, and relationships.
Process Model Creation	Support for straightforward process modeling that uses standard elements such as sequences, tasks, swim lanes, start events, and gateways
BPMN Compliance	Optional automatic validation of process diagrams to ensure compliance with the BPMN specification and prevent the addition of non-compliant modeling elements.
CRUD Reporting	CRUD reports identify which processes affect which data, and what affects they have. Reports are available in a straightforward spreadsheet view.

ER/Studio Software Architect

Model Driven Architecture & Standards	Support Unified Modeling Language™ (UML® 2.0), XML Metadata Interchange (XMI®), Query/ Views/Transformations (QVT) and Object Constraint Language (OCL).
Model Patterns	Provides powerful re-use facilities to jumpstart projects through predefined patterns.
Document Generation	Document generation facility and templates to create external documentation to track projects. Export formats to RTF, HTML, TXT, and PDF.
Quality Assurance	Analyze and measure ongoing projects with OCL-base model audits and metrics that can easily be defined, saved and re-used.

ER/Studio Portal

Structured Browsing & Navigation	Provides a web-based navigation of the repository diagrams The user will be presented with a scrollable list of projects and the diagrams contained within each repository project folder.
Technical Reports	Pre-installed for implementation details such as data types, column width, column names, how objects are related, data lineage between models, and security classification information.
Automatic Data Synchronization	As diagram objects are added, deleted, or updated in the ER/Studio Repository, the most recent version of the diagram will be sent to the reporting portal. Synchronization can be scheduled at the administrator's discretion.
Advanced Searching	Wildcard searching with the ability to limit the search to specific object types or specific projects and specify a sort order.

ER/Studio Repository

Concurrent Model and Object Access	Allows real-time collaboration between modelers working on data models down to the model object level.
Reviewing Changes and Resolving User Conflict	Conflict resolution through simple and intelligent interfaces to walk users through the discovery of differences identified between a specific user's model and changes that have occurred simultaneously to the model by others connected to the Repository.
Version Management	Manages the individual histories of models and model objects to ensure incremental comparison between, and rollback to, desired diagrams and diagram elements.
Component Sharing and Reuse	Pre-defined Enterprise Data Dictionary that eliminates data redundancy and enforces data element standards.

Download a Free Trial at www.embarcadero.com

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