



ER/Studio® Repository

Enterprise model management



Embarcadero® ER/Studio® Repository is a server-side model management system that solves the day the day-to-day challenges of modeling data and business processes together where team collaboration, model access and data integrity are needed. The ER/Studio Repository 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.

- Collaborative modeling with concurrent model and object access
- Model and Object Version Management
- Secure, scalable environment

COLLABORATIVE MODELING

The ER/Studio Enterprise Repository is designed to work the way modeling teams need to in order to deliver higher quality applications faster and more cost-effectively. As the scope of data modeling projects grow, so typically does the complexity and overhead needed for coordination and quality control of projects. The ER/Studio Enterprise Repository offers sophisticated means to help 'stabilize' this potential management nightmare giving modeling teams and managers complete control of their ongoing projects straight out of the box, while allowing modelers to work naturally and seamlessly with each other.

MODEL AND OBJECT VERSION MANAGEMENT

The ER/Studio Enterprise Repository provides rich support for model version management, designed to allow organizations to easily manage all successive states of models and model metadata. These capabilities allow teams to model with confidence and will facilitate the team's ability to track changes of models and individual model objects, set named releases of models and the ability to review and retrieve ('rollback') prior model and object versions at any time.

SECURE COLLABORATIVE MODELING

Repository-based collaborative modeling provides modeling teams significant advantages in controlling the state and safety of models and objects through the ability to apply user-defined layers of security. These capabilities help to protect work from being altered or even seen by those who do not have the required access to view, modify, edit, add or delete. The ER/Studio Repository makes this process extremely easy through an entire security user interface.

Design & Modeling Products

ER/Studio XE2

Complete modeling and architecture solution combining data, process and UML modeling into a powerful multi-level design environment. All XE2 products include AppWave™, so you can experience your apps friction-free, like a mobile app. You can run instantly, track app usage, get automatic updates and more.

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

Select Features

Collaborative Modeling

Concurrent Model and Object Access	Allows real-time collaboration between modelers working on data models down to the model object level.
Real-time Object Status Notification	Real time status icons that show check-out status of diagrams and objects contained in the Repository.
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.
Component Sharing and Reuse	Pre-defined Enterprise Data Dictionary that eliminates data redundancy and enforces data element standards.
"Detached" Collaboration	Extends "check out" capabilities to allow for complete detachment from the Repository server and traces the complicated referential integrity issues of a users check-out and will provide them with a thoughtful UI to review changes having occurred while detached from the Repository.
Project Creation	Organize collections of diagrams into named 'Projects' and organize Repository's contents in a meaningful way and allow security to be wrapped around the diagram collections by Roles assigned through Repository's security layer.
Get Latest Version	Refreshes the local version of the open diagram with version in the Repository allowing multiple people to check out the same diagram and work on it simultaneously and easily update to the latest version.
Synchronized Object Check-in	The check-in process synchronizes the changes made to the local checked out item with the Repository version. Check in object and all modifications are merged in the Repository.

Model and Object Version Management

Version Management	Manages the individual histories of models and model objects to ensure incremental comparison between, and rollback to, desired diagrams and diagram elements.
Named Releases	Allows users to incrementally set Named Releases of models to allow for the capturing of diagram snapshots to incrementally freeze project milestones.

Secure Collaborative Modeling

Manage Repository Security	Repository Security is a simple to use visual interface to visually bind and associate Users to diagrams, objects and dictionaries with specific Roles they will play against those diagrams.
Manage Repository Users	A visual interface allows for the creating, updating, deleting, and deactivating/reactivating (e.g. "hibernation") of all Users.
Manage Repository Roles	Create and administer entire 'teams' through the Role system with a set of permissions that are created for purpose-specific needs to prevent unwanted access or modification to various elements managed in the ER/Repository.
Administrative User Management	Perform administrative tasks to manage users logged in and working in the Repository.

Server Repository Requirements

- ER/Studio Data Architect
- Pentium IV-class processor or higher
- 50MB hard disk storage for installation required
- 2 GB of RAM
- OS: Windows 2000, Windows XP, Windows 2003 (32-bit mode), Windows Vista, Windows Server 2008 R2 64-bit

DBMS Support

- IBM® DB2®: 7.x, 8.x, 9.x for LUW
- Microsoft SQL Server 7, 2000, 2005, 2008
- Oracle® 8.x, 9i, 10g, 11g
- Sybase® Adaptive Server® Enterprise (ASE) 12.x, 15.0

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