DB Change Manager XE6

The Essential Schema and Data Synchronization Tool

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Embarcadero® DB Change Manager™ XE6 is an essential database change management tool for DBAs and data professionals. It uniquely offers automated compare and synchronization capabilities to simplify change operations. Rapidly identify changes, streamline upgrades to new releases and pinpoint environmental differences resulting from changes at the data, schema, and database configuration levels.

Database Administrators sit at the center of a complex workflow that touches many participants: data modelers, database developers, architects, business analysts, software developers and more. At any given time, each database under their management is physically instantiated across a number of different environments, each of which may contain any one of several versions of the same database. Database developers are also faced with unique requirements that can only be addressed by specialized functionality:

• **Preserving data when making structural changes**
• **Validating synchronicity in a replicated environment**
• **Managing reference data across test, development, and production environments**

Managing this steady stream of functional and technology change across all of these physical environments and design layer components can be a tremendous challenge. Oftentimes, the database change process has been (rightly or wrongly) patterned after the software change management process. This invariably leaves gaps, which are usually filled with manual and ad hoc workarounds.

Adopting reliable, repeatable, and efficient processes to manage database changes are vital to the success of any software project. DB Change Manager puts the power of change tracking, schema comparison, software-generated synchronization scripts, and flexible reporting into the hands of DBAs and development teams.

You want to ensure that changes applied to production make it back into the database design, development, and test environments; you want to easily bundle changes together for migration between environments; you want to automate manual and repetitive tasks; and you want to keep track of tables, procedures, settings, and privileges. DB Change Manager is designed to handle database change management tasks by simplifying processes, streamlining complex tasks, reducing the chance for errors, and minimizing downtime.

Quickly Roll-Out Database Changes

Use a live-to-live database compare as a basis for obtaining a list of changed objects, and a change script to roll changes forward. Capture a snapshot of the target before you roll changes forward, so that you can roll back a schema change if necessary. DB Change Manager includes deep support for DB2 for LUW, Oracle, SQL Server and Sybase leverages DBMS specific features, objects, options, and syntax.

Reveal, Track, and Report How a Database Has Changed

Reveal and report on changes to packaged application databases resulting from vendor patches or customization. Uncover database abnormalities stemming from improper change, which might impact production performance or functionality. Notify yourself or others when a particular portion of the database has changed, for example, tables for data modelers, stored procedures for developers, etc.

BENEFITS SUMMARY

- Quickly roll-out database changes
- Reveal, track, and report how a database has changed
- Comply with database audit and reporting requirements
- Ensure data privacy
- Mitigate organizational risk, align with data governance principles

Comply with Database Audit / Reporting Requirements

Identify and report on changes to the database at or between points in time, or to particular sensitive objects, ad hoc or on a regular basis. Audit database configurations against established standards to minimize the vulnerability of your databases.

General Features	
MULTI-PLATFORM SUPPORT	Manage all major DBMSs from a single interface. Support includes Oracle, SQL Server, Sybase, DB2, InterBase, and Firebird.
EMBARCADERO® APPWAVE™	Enables centralized license management.
JOB NOTIFICATION	Delivery of job status notifications via email.
UNICODE SUPPORT	Full Unicode character support throughout the application.

Schema, Data Compare, and Synchronization	
SCHEMA ARCHIVE AND COMPARE	Capture and compare schema differences between one or more archived or live databases.
SYNCHRONIZATION AND ROLL-BACK	Generate alter scripts to sync selected objects or restore to a prior state. Handles object dependencies and preserves data.
SCHEMA AUTO-SYNCHRONIZATION	Automatically synchronize the target to match the source once there is a successful comparison.

Standards, Data Privacy, Audit, and Compliance Reporting	
CONFIGURATION STANDARDS	Use custom or live configurations to create standards. Audit database configurations to check for security liabilities and performance standards.
DATA MASKING	Ensure accurate testing while complying with international privacy laws.
ARCHIVE CONFIGURATION AND SCHEMA SETTINGS	Schema and configuration archives provide historical record for compliance auditing and reporting.
SCHEMA COMPARISON DETAIL REPORT	Outlines what objects have actually changed, either between schema archives, live data sources, or both. DDL differences are color-coded for easy comparison.
DATA GOVERNANCE*	Gives real-time metadata visibility in the SQL IDE and provides functionality to work from a common, centralized data source repository.

*Data Governance features require ER/Studio Enterprise Team Server

Mitigate Organizational Risk, Align with Data Governance Principles

DB Change Manager's ability to identify and report on changes to the database at or between points in time helps organizations comply with database audit and reporting requirements. Organizations can protect data privacy with data masking and mitigate organizational risk by using DB Change Manager to reveal, report, and notify changes to critical databases configurations. DBAs can also restore databases to a secure point in time with DB Change Manager's alter scripts.

Ready to learn more about DB Change Manager? | 1.888.233.2224 or sales@embarcadero.com

For data modelers and data architects, ask us about ER/Studio, the ultimate design, modeling, and collaboration solution.