

● Change Manager 5.0

What's New

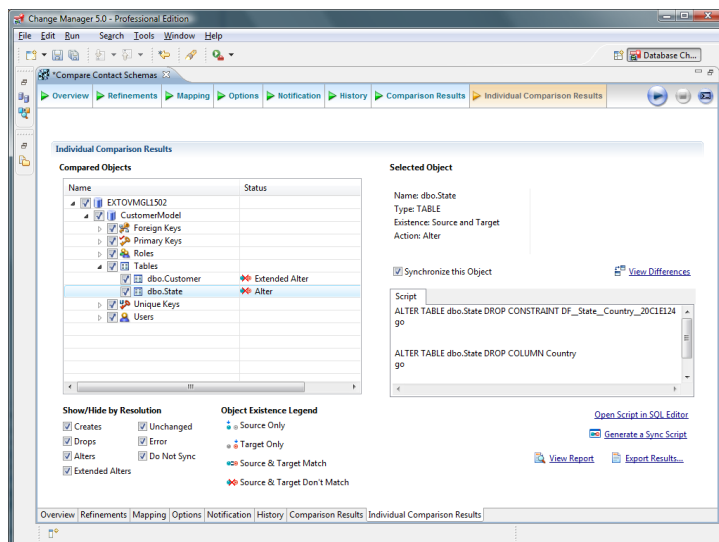
WHAT'S NEW IN 5.0

There are many new features, enhancements, and UI improvements in Change Manager 5.0. A small number of CM/Schema 4.0 features not included in the initial 5.0 release will be rolled into update releases over the next few months.

New 5.0 features include:

- Supports latest DBMS versions: Oracle 11g; SQL Server 2005 and 2008; Sybase 15; and DB2 9.5
- Schema, data, and configuration management from a single user interface
- Large editor spaces with drag-and-drop and easy-to-use workflows for setting up jobs
- Non-blocking job executions: running jobs do not block the application
- One-to-many schema comparison
- Supports HTML, PDF, XML, CSV, and RTF reports for all job types
- Enhanced command-line API with command-line generation wizard generates batch or ANT scripts with multi-job execution
- Data source discovery, import (from DBArtisan, TOAD, DTP, etc.), and an import/export wizard for sharing
- Configurable email notification via JavaMail. Open API for customized notification extensions via Java/Eclipse
- Integration with third-party source code control supported via Eclipse Team API
- Schema comparison history, review previous schema comparison executions, and build sync scripts and reports
- Improved data compare performance

For more details about what is available in version 5.0 please see the [New Features Guide](#).



Change Manager 5.0 Schema Comparison Results

UPGRADING TO 5.0

Several CM/Schema 4.0 features will *not* be available in the initial release of Change Manager 5.0. Users interested in using these features can use one of several workarounds, or can continue using version 4.0 until these features are available. For more information see the [New Features Guide](#).

- **Permission comparisons:** schema object permissions (Available in v5.0.1)
- **Automated Comparison Output:** in 5.0, schema synchronization scripts must be generated from the results or results history (Automation available in v5.0.2)
- **Schema Migration Job:** use a comparison into an empty database as a workaround; for migrations involving data or across platforms, please use CM/Schema 4.0 or DBArtisan (Available in v5.1)
- **Schema Monitor Job:** use an archive and comparison as a workaround (Available in v5.1)

Please note that when upgrading to 5.0, the following CM/Schema artifacts are not imported:

- **Schema Archives:** users may continue to use CM/Schema 4.0 to access schema archives
- **CM/Schema & CM/Data, CM/Config settings:** 5.0 sees many changes in the options and configuration of the tool; settings are not imported
- **Data Source Credentials:** user name and passwords for data sources are not imported, though the "trusted connection" option is imported

WHAT'S COMING IN 5.0.1

Late October 2008

- **Wildcard Filter:** for database objects for schema archives and comparisons
- **Eclipse Plug-in:** plug Change Manager into any Eclipse IDE
- **Performance Enhancements:** faster schema compare and archive jobs
- **Support for Database Permissions:** archive and compare permissions to users, roles, and tables, etc

SUPPORTED DBMS

- IBM DB2 for LUW v8, v9, and v9.5
- Oracle 8i, 9i, 10g, and 11g
- SQL Server 2000, 2005, and 2008
- Sybase ASE 12.5 and 15

TECHNICAL REQUIREMENTS

- 1.2 Ghz processor with 1 GB of RAM
- 500 MB disk space
- 1024 x 768 16-bit display
- Internet Explorer 6 SP1
- Windows® XP Professional, Windows Server 2003, Windows Vista (Ultimate and Business) – 32-bit architecture only

SCHEMA OBJECT SUPPORT

Support for a platform does not necessarily indicate that every object on that platform can be managed using Change Manager's schema jobs.

DB2 for LUW	Oracle	SQL Server	Sybase
Server Objects • Buffer Pools • Event Monitors* • Groups • Node Groups • Tablespaces • Users	Server Objects • Directories • Groups • Profiles • Redo Log Groups • Roles and Users • Rollback Segments • Tablespaces	Server Objects • Databases • Dump (Backup) Devices • Linked Servers • Logins • Remote Servers • Server Triggers • Synonyms • User Messages	Server Objects • Data Caches • Database Devices • Databases • Dump Devices • Logins • Remote Servers • Roles
Database Objects • Aliases • Check Constraints** • Foreign Keys** • Functions • Indexes • Materialized QueryTables* • Primary Keys** • Procedures • Sequences • Structured Types • Tables • Triggers • Unique Keys** • User Defined Types • Views	Database Objects • Check Constraints** • Clusters • Database Links • Foreign Keys** • Functions • Indexes • Java Sources* • Libraries • Materialized Views and Logs • Outlines • Packages and Bodies • Primary Keys** • Procedures • Sequences • Synonyms* • Tables • Triggers • Types and Bodies • Unique Keys** • Views XML • Schemas*	Database Objects • Asymmetric Keys* • Certificates* • Check Constraints** • Defaults • Extended Procedures • Foreign Keys** • Functions • Indexes • Primary Keys** • Procedures • Roles • Rules • Server Triggers* • Symmetric Keys* • Tables • Triggers • Unique Keys** • Users • User-Defined Datatypes • Views	Database Objects • Aliases • Check Constraints** • Defaults • Extended Procedures • Foreign Keys** • Indexes** • Logical Foreign Keys** • Logical Primary Keys** • Primary Keys** • Procedures • Rules • Segments • Tables • Triggers • Unique Keys** • Users • User Messages • User-Defined Datatypes • Views

*New in 5.0

**Independent in 5.0 (previously part of Table)

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