



EMS Data Comparer

Compare and synchronize the contents of your databases with ease

Description

For enterprises having mission-critical databases, database data synchronization is rapidly becoming a necessity. Database synchronization solves a number of seemingly unrelated issues. Those include improving the consistency of test and production environments, managing data exchange policies effectively, and validating database data as precisely as required. In addition, data synchronization can solve such a problem as information discrepancy. Data discrepancies happen due to a variety of reasons. User or input/output errors, application bugs and errors, system failures, or power outages can lead to out-of-synch conditions. Knowing about data inconsistencies you can address different issues before they impact business processes. Moreover, choosing the tool for database data synchronization that perfectly suits your working environment will reduce training and software costs, increase productivity, and ensure the database availability, security and performance.

EMS Data Comparer is a powerful and easy-to-use tool for database data comparison and synchronization. Using this program you can view all the differences between compared table data and execute an automatically generated script to eliminate these differences. The utility comes in separate editions for each of the most widely used DBMS servers (SQL Server, ORACLE, MySQL, PostgreSQL, InterBase/Firebird) and completely automates the process of database data comparison and synchronization.

Flexible customization of the comparison and synchronization process will enable you to select database tables and fields for comparison, setup correspondence between tables (as well as between their fields) automatically or manually, save all parameters defined on the current wizard session, write SQL statement batches which will be executed before and/or after the synchronization process and tune many other options. The program allows you to alter modification scripts or save them to a file for future use, compare data in several tables at once, perform partial data synchronization, export comparison results to the Excel sheet, view the contents of BLOB fields in various modes, work with the detailed synchronization error log and more. EMS Data Comparer has a command-line utility to compare and synchronize data using the configuration file. Many other features are implemented to make your database data comparison process easy and fast.

Key Advantages

Visual detailed representation of differences between database data

The program visually represents the detailed list of differences between database data. You can control any stage of the database data synchronization process by defining the necessary options and selecting database tables that should be compared and cloned.

Automatic and manual selection of data being compared

EMS Data Comparer provides you with the possibility to define correspondence between tables and fields automatically or manually.

Saving data synchronization script to a file for future use

With EMS Data Comparer you can run a synchronization script immediately after finding all the data differences, or save it for later use. Furthermore, you can define the additional scripts to be executed before or after the main script execution.

A wide variety of options for data comparison and synchronization

EMS Data Comparer supports a wide set of comparison options for data being compared. The program provides the detailed settings and configurations covering all major aspects of database synchronization.

Unattended comparison/synchronization of database data

For your convenience the console version of EMS Data Comparer is included in the distribution package of the utility. This command line tool is intended for scheduled database table data comparison and synchronization process.

The ability to save all the parameters specified within the current wizard session

EMS Data Comparer allows you to store its configuration settings in external files if you need to perform the data comparison process repeatedly.

Flexible graphical user interface

EMS Data Comparer provides full customization of the program interface, windows behavior, various options of all operations and more.



EMS Data Comparer (continued)

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The program detects all the differences in compared table data

Program features

- Program editions for the following DBMS: Oracle, Microsoft SQL Server, MySQL, PostgreSQL and InterBase/Firebird
- Data comparison of several tables at once
- Automatic and manual selection of data being compared
- Visual detailed representation of differences between database data
- Automaton of database comparison and synchronization using the Console Application
- Partial data synchronization
- A wide variety of options for comparison and synchronization

System Requirements

- Microsoft® Windows XP, Microsoft® Windows Server 2003, Microsoft® Windows Vista, Microsoft® Windows Server 2008, Microsoft® Windows 7, Microsoft® Windows Server 2012, Microsoft® Windows Server 2012 R2, Microsoft® Windows 8/8.1, Microsoft® Windows 10, Microsoft® Windows Server 2016, Microsoft® Windows Server 2019, Microsoft® Windows 11
- 512 MB RAM or more; 1024 MB or more recommended
- 50MB of available HD space for program installation
- Corresponding system libraries or a native client to connect to the specific DBMS server