

# EMS SQL Management Studio for InterBase/Firebird

Become more productive than ever before!

## TOP FEATURES

- ▶ Effective management environment for InterBase/Firebird servers, databases and all database objects
- ▶ Support of connection to InterBase/Firebird server through SSH tunnel
- ▶ Visual Database Designer
- ▶ Flexible interface for viewing, editing and printing data
- ▶ Ability to create and run queries with advanced visual constructor or professional SQL text editor
- ▶ Impressive data export and import capabilities. Support of most popular file formats
- ▶ Database data and structure comparison and synchronization
- ▶ Data migration from the most popular databases via ADO-compatible interface
- ▶ Variable test data generation with many supported data types
- ▶ Database snapshot creation in form of SQL scripts
- ▶ Script scheduling for routine task automation
- ▶ Free One Year of Maintenance already included!

## OVERVIEW

Today most companies and corporations use IT-solutions that are based on SQL servers. The work of many company's services depends on the speed and regular functioning of these servers. The tools that developers or administrators use in their work with a SQL server play a very important role in this process. How quickly and good can they perform some critical or service tasks on database maintenance? Using some separate native utilities or tools of thirdparty developers often leads to the waste of time and efforts when performing necessary administrative or development tasks. Solutions that offer tools for performing the whole range of tasks are most effective in such situations: there are no problems of tools interaction, developers/administrators work in a single convenient graphical environment, the speed of performing tasks is increasing, the cost of owning database administration software is reduced. Benefits are obvious.

**EMS SQL MANAGEMENT STUDIO** is a complete solution for database administration and development. With components that focus on all critical database management tasks, SQL Studio is a single workbench that provides you with must-have tools for administering databases and managing database objects as well as for database migration, extraction, data import, export and comparison. SQL Studio unites these tools in one powerful and easy-to-use environment that can work round the clock. Whether you are a database or application developer, DBA or business analyst, SQL Studio offers all essential tools to make you more productive than ever before!



## EMS SQL MANAGEMENT STUDIO INCLUDES THE FOLLOWING TOOLS:

### SQL MANAGER

Simplify and automate your database development process. Design, explore and maintain existing databases with support of all database objects. View, print and manipulate data in the simplest and most efficient way. Using SQL Manager you can rapidly search, group, sort and filter any objects or data stored in a database with UNICODE support. Build compound SQL query statements visually to handle database structure in a few clicks or create queries directly in the SQL text editor with syntax highlighting, SQL Formatter, Favorite Queries list and other features. View the execution plan for each query created and executed in the application. Manage database user rights to define privileges on database objects and improve security. Use the Report designer tool to create various data aware reports and take advantage of the HTML Report wizard to generate a detailed HTML report of the selected database objects. Other SQL Manager features include: building relationship diagram on the basis of the current database's structure, duplicating all database objects, stored procedure debugger, database statistics, database validation, a number of powerful tools for working with your database server and much more.

### DATA EXPORT & IMPORT

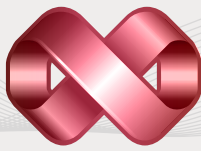
Import data from and export data to any of 19 most popular data formats, including MS Access, MS Excel, MS Word, PDF, HTML and more. Data Export and Import tools allow working with several tables, views or queries at the same time; selecting fields to import/export and changing their order; adjusting parameters for each table and defining specific parameters for each file format. Different import modes are available to solve problems with re-writing of information already contained in the database.

### DATA PUMP

Transfer data between most popular databases. This tool allows converting database structure and data from any ADO-compatible source to your databases. Data Pump provides fast, easy and customizable generation of target database tables, fields and indices according to the source database structure. Easy-to-use wizard helps you to build the ADO connection string. Other key features of the utility include: ability to create a new database or connect to the existing one; ability to view, edit and save the SQL script of generating the target database to a file; full monitoring of the pumping process; selecting tables for data import with specified criteria.

### DATA GENERATOR

Generate test data for database testing purposes in a simple and direct way. The wizard application allows you to define tables and fields for generating data, set value ranges, generate char fields, load values for BLOB fields from files, get lists of values from SQL queries. Other features of Data Generator include: generating data into several tables of different databases at one host; different generation types for each field including list, random and incremental data generation; ability to use SQL query results as a list of values for data generation; automatic control over referential integrity for linked tables during data generation; generation of char fields by mask and much more.



# EMS SQL Management Studio for InterBase/Firebird

continues

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## SYSTEM REQUIREMENTS

### HARDWARE

- ▶ 512 MB RAM or more; 1024 MB or more recommended
- ▶ 250 MB of available HD space for program installation

### SOFTWARE

- ▶ Microsoft Windows XP
- ▶ Microsoft Windows 2003 Server
- ▶ Microsoft Windows Vista
- ▶ Microsoft Windows 2008 Server
- ▶ Microsoft Windows 7
- ▶ Microsoft Windows Server 2012
- ▶ Microsoft Windows Server 2012 R2
- ▶ Microsoft Windows 8/8.1
- ▶ Microsoft Windows 10
- ▶ InterBase/Firebird client

### SUPPORTED INTERBASE AND FIREBIRD VERSIONS

- ▶ InterBase versions up to XE7
- ▶ Firebird server version up to 3.0

### DB COMPARER

Compare and synchronize the structure of your databases. DB Comparer is an excellent tool for comparing your databases and discovering differences in their structures. You can view all differences of compared database objects and execute an automatically generated script to eliminate all or selected differences. Move changes from your development database to the production one with ease. A simple and intuitively comprehensive GUI allows you to work with several projects simultaneously, define comparison parameters, and alter modification scripts. Many other useful features are implemented to make your work with our database comparison tool easy and fast.

### DATA COMPARER

Compare and synchronize the contents of your databases. Automate your data migrations from the development to production database. You can view all differences of compared tables and execute an automatically generated script to eliminate these differences. Due to flexible customization of the comparison and synchronization process you can select tables and fields for comparison and tune many other options.

### DB EXTRACT

Create database backups in the form of SQL scripts, save your database structure and table data as a whole or partially. The tool saves metadata of all database objects as well as table data. The ability of flexible customization of the entire extract process allows you to select database objects and data tables for extraction and define a number of extraction options.

### SQL QUERY

Analyze and retrieve your data, build your queries visually, work with query plans, build charts based on retrieved data quickly and more. SQL Query is the tool that allows you to manage SQL queries to your databases quickly and simply. Visual building as well as direct editing of the query text is available. User-friendly graphical interface allows you to connect to databases, select tables and fields for your queries, set selection criteria and much more. You can work with several queries at once, edit queries and view the execution results in several modes, and perform other operations you may need in your everyday work.

### TASK SCHEDULER

Execute your service tasks according to the schedule and get notifications about execution results. Notification e-mails will let you stay up-to-date and react fast. Save your time and physical efforts by using batch-like tasks. Create complicated branched scripts with the ability to run external applications from scripts. Choose from a number of notifications to confirm the task execution. Need a delayed or regular task execution? The Task Scheduler allows you to set the advanced launch time options for your tasks.

## MAINTENANCE INCLUDED

Software maintenance is a cost-effective and comprehensive service that includes technical support, software updates, and many other benefits. Within software maintenance service, you automatically receive the newest versions of EMS software upon their release at no additional cost. This allows you and your company to keep up with the latest software technology developments, take advantages of usability improvements, and manage software licenses more easily. SQL Manager already includes one year of Maintenance for free!

## ABOUT EMS

EMS /Electronic Microsystems/ is an Information Technology Company with software development as one of its activity fields. As an innovative, customer-focused company and the developer of leading database administration tools, EMS is the choice of thousands of companies in more than 90 countries. EMS customers include companies of all sizes from vast development teams in the world's largest organizations to progressive one-person shops. We strive to deliver exceptional quality and value to our clients, helping them to succeed in their development initiatives.

## ADDITIONAL INFORMATION

For more information about EMS SQL Management Studio for InterBase/Firebird, visit <http://www.sqlmanager.net/products/studio/ibfb/>

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