

---

TroSys®

TroSys Technologies

[www.trosys.com](http://www.trosys.com)

TroSQL  
**User Manual**

Version 1.0

**TABLE OF CONTENTS**

<b><u>1 INTRODUCTION.....</u></b>	<b><u>3</u></b>
1.1. WHAT IS DATABASE MANAGEMENT SYSTEM?.....	3
1.2. WHAT IS MYSQL?.....	3
1.3. WHAT IS TROSQL?.....	3
1.4.WHO USES TROSQL?.....	4
<b><u>2 INSTALLATION.....</u></b>	<b><u>4</u></b>
2.1.TROSQL INSTALLATION.....	4
2.1.1.SYSTEM REQUIREMENTS.....	4
2.1.2.INSTALLATION.....	4
<b><u>3 TROSQL EDITIONS.....</u></b>	<b><u>4</u></b>
3.1TROSQL EDITIONS.....	4
<b><u>4 TROSQL FEATURES.....</u></b>	<b><u>4</u></b>
3.2TROSQL FEATURES.....	4
<b><u>5 RELEASE VERSION HISTORY.....</u></b>	<b><u>6</u></b>
5.1TROSQL RELEASE VERSION HISTORY.....	6
<b><u>6 TROSQL HELP.....</u></b>	<b><u>6</u></b>
6.1.GETTING STARTED.....	6
COMING TROSQL 2.0.....	6

## 1 Introduction

### 1.1. What is Database Management System?

A Database Management System (DBMS) is a software package with [computer programs](#) that control the creation, maintenance, and the use of a [database](#).

It allows organizations to conveniently develop databases for various applications by [database administrators](#) (DBAs) and other specialists. A [database](#) is an integrated collection of data records, files, and other database [objects](#). A DBMS allows different user application programs to concurrently access the same database.

Database servers are dedicated computers that hold the actual databases and run only the DBMS and related software. Hardware database accelerators, connected to one or more servers via a high-speed channel, are also used in large volume transaction processing environments. DBMSs are found at the heart of most [database applications](#).

### 1.2. What is MySQL?

MySQL is a open source Relational Database Management System (RDBMS). MySQL is very fast reliable and flexible Database Management System. It provides a very high performance and it is multi threaded and multi user Relational Database management system.

The MySQL can run on UNIX, window, and Mac OS. MySQL is used for the internet applications as it provides good speed and is very secure. MySQL was developed to manage large volumes of data at very high speed to overcome the problems of existing solutions. MySQL can be used for verity of applications but it is mostly used for the web applications on the internet.

### 1.3. What is TroSQL?

TroSQL – A Visual MySQL is most powerful and efficient MySQL Manager and Admin Tool. This tool has a complete set of features along with powerful and easy GUI which helps in creation, maintaining and managing the MySQL Database & Servers. The TroSQL provides a complete suite for all Database Management & Administrations and more.

Summary of TroSQL Features:

- MySQL Objects Management by powerful GUI components
- MySQL Server Connection Management
- A rich set of Tool Bars at Main UI, Connections, SQL Editors and Tables view levels
- Rich set GUI Component for Data View and Edit like Grid
- Multiple Query Editor with Syntax Highlighting
- Multithreaded SQL Query Process
- Powerful Data Backup and Restore Utilities
- Database Export & Import Utilities
- Full table control utilities
- A rich set of Tools for Database User Management
- Instant Server status view utilities

## 1.4. Who Uses TroSQL?

TroSQL is used by Database Architects, DBAs, Database Related Software Developers, Web Developers, Testers, Corporate Database R&D departments, Universities and Students. TroSQL Free is having a complete set of MySQL Management features which helps students to understand database deeply with its standard applications.

## 2 Installation

### 2.1. TroSQL Installation

#### 2.1.1. System Requirements

**Operating System:** Windows 9x, Windows XP, Windows 2000, Windows XP – All Service Packs, Embedded XP

#### 2.1.2. Installation

Download the Setup.exe from our TroSys website (<http://www.trosys.com/common/htmlpages/download.htm>) and install it by following standard procedures of installation.

## 3 TroSQL Editions

### 3.1 TroSQL Editions

TroSQL is available in one edition – **TroSQL Free edition** which is absolutely free.

## 4 TroSQL Features

### 3.2 TroSQL Features

TroSQL provides a powerful feature list to manage your MySQL Database.

- 1 MySQL Compatibility & others
  - MySQL 5.x compatible
  - Written entirely in C/C++ using native MySQL C APIs
  - Very compact EXE
- 2 MySQL Objects Management by powerful GUI components
  - Support for MySQL Servers

- Optimized for managing hosted MySQL Database
  - Create/Drop/Alter Tables
  - Support for major MySQL Objects – Database, Tables, Fields, Indices
  - Connection level management
  - A powerful Advanced Tabbed Bases UI with rich set of Tool Bars for all levels – Connection, Table, Query
  - Docking Windows for easy object level management
- 3 TEXT & BLOB Data Manger
- Advanced Image Manager with Import and Save capabilities
  - Advanced Text Manager with Import and Save capabilities
- 4 MySQL Server Connection Management
- Tab based connection UI
  - Simple one click connection
  - Named based connection management
- 5 Rich set GUI Component for Data View and Edit like Grid
- Excel like grid interface to create/alter tables
  - Incorporations of great sense of Artificial Intelligence for entering data
  - Excel like grid interface to edit data with support for Enum/Set
  - Edit Blobs in TEXT and IMAGE mode
  - Grid based Dates and Year formatter with Date and Time controls
- 6 Multiple Query Editor
- Multiple Query Editor with rich set of Tools
  - Advanced Tab based interface
  - Formats SQL statements properly
  - Executes (very large) SQL-scripts
  - Execute multiple queries at once
- 7 Powerful Data Backup and Restore Utilities
- Database backup As MySQL Dump
  - Database restore As MySQL Dump
  - All levels – Server, Database, Table & Fields of back and restore utility
- 8 Database Export & Import Utilities
- Advance Database Export utility
  - Advance Database Import utility
  - All levels – Server, Database, Table & Fields of Export and Import utility
- 9 Server information view utilities
- Server Information View
  - Server Variables View
  - Server Process List View with management capabilities

- Server status view

## 5 Release Version History

### 5.1 TroSQL Release Version History

#### 1. TroSQL Free 1.8

**Release Date:** July 31, 2011

**Features:**

1. *Basic MySQL Management & Administrations Capabilities*
2. *MySQL 5.x compatible*
3. *MySQL Objects Management by powerful GUI components*
4. *TEXT & BLOB Data Manger*
5. *MySQL Server Connection Management*
6. *Rich set GUI Component for Data View and Edit like Grid*
7. *Multiple Query Editor*
8. *Powerful Data Backup and Restore Utilities*
9. *Database Export & Import Utilities*
10. *Server information view utilities*

## 6 TroSQL Help

### 6.1. Getting Started

***Coming TroSQL 2.0...***