

PremiumDB Pro Manual

Full User Manual

PremiumDB Pro v2.3.1

Murdock DevWorks

Professional Self-Hosted Database Administration

Table of Contents

- 1. Introduction
- 2. Requirements
- 3. Installation
- 4. First Login
- 5. Dashboard
- 6. Connection Manager
- 7. Database Explorer
- 8. SQL Editor
- 9. Importing SQL
- 10. Backup and Restore
- 11. Table Structure Editor
- 12. Table Data Editor
- 13. Users and Privileges
- 14. Grant / Revoke Privileges
- 15. Query History
- 16. Updater
- 17. Security
- 18. Troubleshooting
- 19. Release Notes

1. Introduction

PremiumDB Pro is a self-hosted database administration platform for MySQL and MariaDB environments. It is designed for developers, small businesses, and administrators who want a clean interface for common database management tasks without depending on an external subscription service.

PremiumDB Pro v2.3.1 includes multi-server connection management, SQL editing, backup and restore tools, table browsing, structure editing, user management, privilege controls, query history, and an update workflow.

2. Requirements

PHP 8.1 or newer, PDO MySQL, a MySQL/MariaDB database, and writable storage folders are recommended. OpenSSL is recommended for saved connection encryption and ZipArchive is recommended for updater ZIP handling.

3. Installation

Upload the premiumdb_admin folder to your server, create a new database for PremiumDB, and open /premiumdb_admin/install/install.php in your browser. The installer checks the environment, creates application tables, creates the first admin user, and writes includes/config.php.

After confirming login works, delete or rename the install folder.

4. First Login

After installation, go to login.php and sign in with the administrator username and password created during installation.

5. Dashboard

The dashboard summarizes the active connection and gives quick access to database browsing, SQL tools, backup tools, user management, and update functions.

6. Connection Manager

PremiumDB Pro can store multiple database server connections. Add a new connection, test it, set it as default when needed, and switch active connections when managing multiple servers.

7. Database Explorer

The database explorer lists available databases and lets you drill into tables. From there, browse table data, review structure, open related tools, or move into the SQL editor.

8. SQL Editor

The SQL editor lets administrators write and run SQL statements against the selected database. Always verify the selected database before executing destructive commands.

9. Importing SQL

SQL import allows a .sql file to be uploaded and executed against a selected database. Use this for schema imports, migration scripts, and restoring plain SQL exports.

10. Backup and Restore

PremiumDB Pro includes database backup support. Create backups before major edits, download important backups off-server, and verify restores on test databases before relying on production recovery.

11. Table Structure Editor

The structure editor reviews and changes table columns and indexes. Use it to add columns, change data types, adjust defaults, and review indexes.

12. Table Data Editor

The table data editor inspects and updates table rows. It is useful for administrative corrections and controlled record edits.

13. Users and Privileges

The user management section helps create and manage database users. Privilege tools help grant or revoke database-level permissions.

14. Grant / Revoke Privileges

The Grant / Revoke section lets an administrator choose a database, choose a user and host, and select privileges to grant or revoke. v2.3.1 improves the privilege UI, database dropdown behavior, and select-all privilege handling.

15. Query History

PremiumDB stores query history so recent SQL statements can be reviewed or reused. Saved queries can be used for routine operations.

16. Updater

The updater accepts ZIP packages for patch-based updates. Recommended workflow: back up the installation, upload the patch ZIP, apply the update, hard refresh the browser, and verify the version number.

17. Security

Use HTTPS when possible, strong administrator passwords, restricted database access, and server-level protection. Delete or rename the install folder after setup.

18. Troubleshooting

If the installer says already installed, remove includes/config.php and use a fresh empty database for a clean install test. If a base table is missing, confirm schema.sql matches the app version.

19. Release Notes

v2.3.1 includes privilege UI polish, select-all privilege handling, database dropdown behavior improvements, emergency CSS repair, and rebuilt installer/schema packaging.