Stellar Repair for MySQL

User Guide 7.0

1.1. About Stellar Repair for MySQL

Stellar Repair for MySQL is designed to repair data from damaged or corrupt MySQL database. Using strong algorithm, the software does a complete repair of the corrupt MySQL database and efficiently repairs almost every bit of information without deleting or modifying original data. Even heavily damaged database can be optimally repaired and restored with this software.

Stellar Repair for MySQL gives an option to select damaged or corrupt MySQL database. User can select databases from different locations. User can browse to locate the desired databases. However, user should provide a root folder that contains at least one database and **ibdata** file for corresponding database. If corresponding **ibdata** file is unavailable for a database then it cannot be repaired.

After repairing, **Stellar Repair for MySQL** provides preview of database in a tree structure. User can view the components of selected database and can save desired components.

The software also shows details of ongoing process in a **Log Report** pane. These details can be saved as a text file.

Key features:

- Repairs database created using database storage engines of MySQL-MyISAM and Innodb.

- Repairs primary keys, unique keys, relations and tables.

- Repairs MySQL objects such as Views and Triggers in the form of query.

- Repairs all data types except spatial data types.

- Repairs data on which default and auto-increment properties are applied.

- Repairs and shows preview of table properties.
- Shows preview of queries of Views and Triggers.

- Find option to search items of database while previewing.

- Option to save in CSV, HTML and XLS format.

- Support for new format of **Date, Datetime, Timestamp** and **Time** data type in MySQL 5.6 and above.

- Supports MySQL 8.x, 6.x, 5.x, 4.x, and 3.x (You need higher version of MySQL to repair 3.x files).

- Operating system: CentOS 7 and Red Hat Enterprise Linux 7.

1.2. Stellar Support

Our **Technical Support** professionals will give solutions for all your queries related to **Stellar** products.

- You can either call us or go online to our support section at http://www.stellarinfo.com/support/

- For price details and to place the order, click https://www.stellarinfo.com/database-recovery/mysql-recovery/buy-now.php

- Chat Live with an **Online** technician at http://www.stellarinfo.com/

- Search in our extensive **Knowledge Base** at https://www.stellarinfo.com/support/kb/index.php/category/mysql-database-repair

- Submit enquiry at http://www.stellarinfo.com/support/enquiry.php

- E-mail to Stellar Support at support@stellarinfo.com

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Stellar has a strong presence across USA, Europe & Asia.

Product Line:

Stellar provides wide range of Do It Yourself (DIY) Software for Consumer as well as Software for Businesses:

Data Recovery	File Repair	Data Erasure
A widest range of data recovery software that helps you recover your valued data lost after accidental format, virus problems, software malfunction, file/directory deletion, or even sabotage!	*The most comprehensive range of file repair software for Windows, Mac and Linux. Recover your files, which have been infected by viruses, malwares or have been damaged by improper shutdown and other corruption-related issues.*	*Best software for IT assets disposition. Secure and erase variety of storage media and files from PC/Laptop, Servers, Rack Drives or Mobile devices. Data once erased cannot be recovered by using any data recovery software or service.*
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Email Repair & Converter	Database Repair	Email Backup Tools
Robust applications to restore inaccessible mailboxes of MS Exchange, Outlook, AppleMail, Thunderbird, Eudora, Spicebird, Entourage, and Pocomail mailbox. Also, tools to convert	*Professional and reliable software to repair corrupt or damaged database for Microsoft SQL Server, QuickBooks®, Microsoft Access, SQLite and many more.*	*Fully featured backup utilities that provides a comprehensive solution in case of any disaster. These software facilitates taking back up of all your mails, contacts, tasks, notes,*

mailboxes and database files
from one format to another.

calendar entries, journals etc.
with full & incremental backup
options.

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Photo and Video Tools

Utility Tools

Stellar Toolkits

Professional tools to rebuild damaged or corrupt photos, videos, audios, and other multimedia files, from Window and Mac systems. Recover files from hard drives, memory cards, iPods, USB flash drives, digital cameras, IBM Micro Drives and more.

A range of utility software such as SpeedUp Mac, Drive Clone and Partition Manager for Mac systems as well as Password Recovery for Windows and Password Recovery for Windows Server based systems

Stellar also provides toolkits that are combination of Powerful Tools Designed for Data Recovery, File repair, Mailbox repair and File Conversion. All in one power packed toolkits to meet the need of every business.

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For more information about us, please visit www.stellarinfo.com.

2.1. Database Repair - Prerequisites

There are certain prerequisites for the database repair. Before starting the repairing process, ensure that-

- **MySQL** is installed on the system on which the repairing process needs to be performed.

- **MySQL** is installed with default configuration and **ibdata** file is stored at the same location as **MySQL** database.

- Free space same as the size of selected database is available on the drive on which database is stored.

2.2. Installation Procedure

Before beginning installation, make sure that the computer meets system requirements.

System Requirements:

- **Processor:** Pentium Class or above

- **Operating System:** CentOS 7 (64-bit) / Red Hat Enterprise Linux 7 (64-bit)

- **Memory:** Minimum 2 GB (4 GB Recommended)

- **Hard Disk:** Atleast 250 MB of free space

- **MySQL Version:** 8.x / 6.x / 5.x / 4.x / 3.x

Installation Steps:

To install the software, follow the steps given below:

1. Open **Terminal**.

2. Enter the command as given below:

```
$ sudo yum install app_name
```

*Note: **app_name** here is the absolute path of **Stellar Repair for MySQL** package that you wish to install.*

2.3. Launching the Software

To launch Stellar Repair for MySQL:

- Click on the **Activities** tab on the top left corner of your desktop.

- Select the **Show Applications** icon on the launcher.

- The **GNOME** applications menu will appear, displaying all the applications you have in your system in alphabetical order.

- Locate the **Stellar Repair for MySQL** application in the list of applications or search by typing **Stellar Repair for MySQL** on the **Application Launcher Search** text-box on top of the screen.

- Select the **Stellar Repair for MySQL** application to launch it.

- Enter the system password to authenticate.

2.4. User interface

Stellar Repair for MySQL has a simple and user friendly interface that lets you access its various feature with ease.

After launching the program, you will see the interface as shown below:
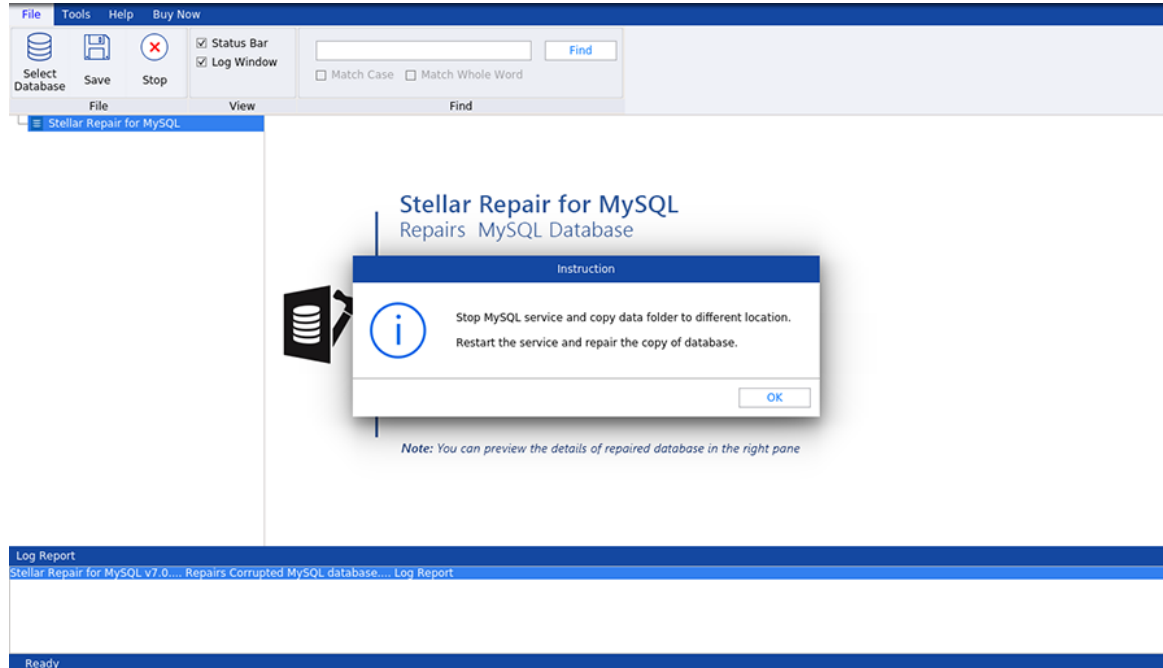
The main user interface consists of Ribbons and Buttons.

2.4.1. Ribbons

File Ribbon

Select Database

Use this option to select the corrupt MySQL database for repairing.

Save

Use this option to save the repaired MySQL database.
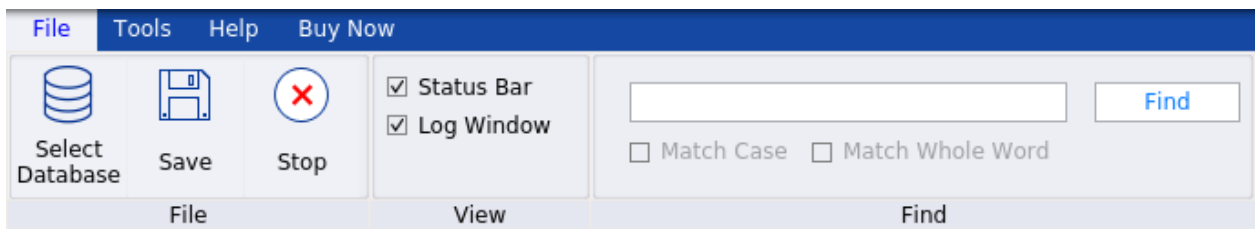
File Ribbon

Stop

Use this option to stop the running process.

View

Use this option to view or hide the **Status Bar** and

Log Window.

Find

Use this option to search a string in the database file.

Tools Ribbon

Save Log

Use this option to save the log report.

Clear Log

Use this option to clear the log report.

| File | Tools | Help | Buy Now |

Save Log   Clear Log   Update   ☐ Match Case   ☐ Match Whole Word   Find

Log   Update   Find

Tools Ribbon

Update

Use this option to update the software.
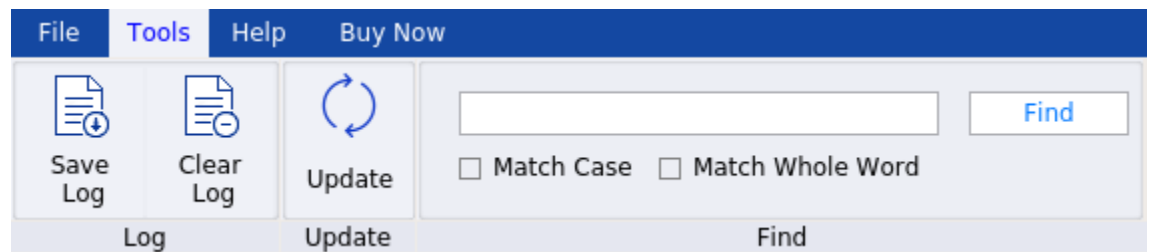
Help Ribbon

Help Topics

Software is accompanied by a descriptive help document. Use this option to view the help manual for the software.

Support

In case you don't find any related content in the help document or on the knowledgebase page that resolves your query, use this option view the support page of stellarinfo.com and contact the Stellar customer support.

Knowledgebase

Frequently asked questions and other common queries are available as knowledgebase
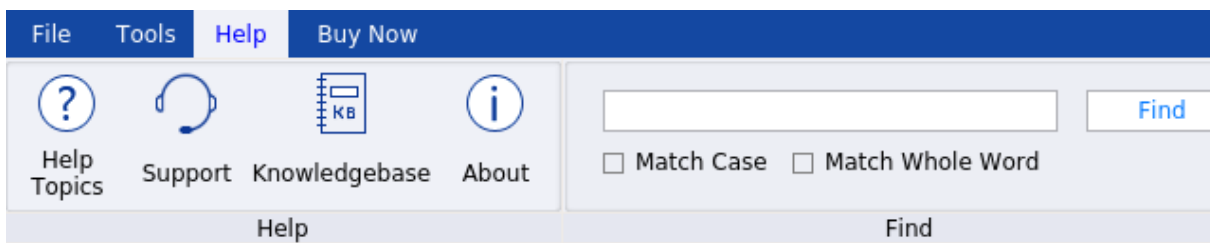
Help Ribbon

for your reference and to help you use the software to get the best outcome. Use this option to visit Knowledgebase articles of stellarinfo.com.

About

Use this option to read more information about the software.

Buy Now Ribbon

Buy Online

Use this option to buy **Stellar Repair for MySQL**.

Activation

You can repair corrupt or damaged MySQL database files to recover as much data as possible using the trial version of the software. To save the repaired data, you need to purchase and activate it. Use this option to activate the software after the successful purchase.

Buy Ribbon

2.4.2. Buttons
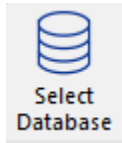
Click this button to open Select MySQL database dialog box.

Click this button to save the repaired MySQL database.

Click this button to stop the repairing process.
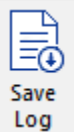
Click this button to save the log report, which contains the details of the repairing process.
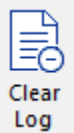
Click this button to clear the log report.
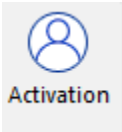
Click this button to activate the software after purchasing.

Click this button to update your software. Use this option to check for both, major and minor versions of the software.

Click this button to purchase the software.
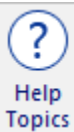
Click this button to open the help manual for **Stellar Repair for MySQL**.

Click this button to view support page of stellarinfo.com.
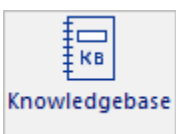
Click this button to visit the Knowledge Base articles of stellarinfo.com

Click this button to read more information about the software.

2.5. Ordering the Software

Click https://www.stellarinfo.com/mysql-repair.php to know more about **Stellar Repair for MySQL**.

To purchase the software online, please visit https://www.stellarinfo.com/database-recovery/mysql-recovery/buy-now.php

Alternatively, click on **Buy Online** icon in **Buy Now Ribbon** to purchase the software online.

Select either of the methods given above to purchase the software.
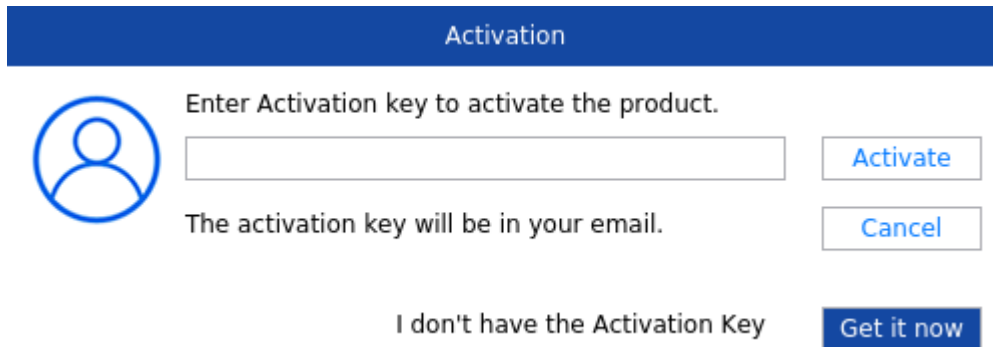
Once the order is confirmed, a key will be sent to you through e-mail, which would be required to activate the software.

2.6. Activating the Software

The demo version is just for evaluation purposes and must be eventually activated to use the full functionality of the software. The software can be activated using the Activation Key that you receive via email after purchasing the software.

To activate the software:

1. Run the demo version of **Stellar Repair for MySQL** software.

2. On the main user interface, click the **Activation** button in **Buy Now** ribbon icon. The **Activation** dialog is displayed as shown below:
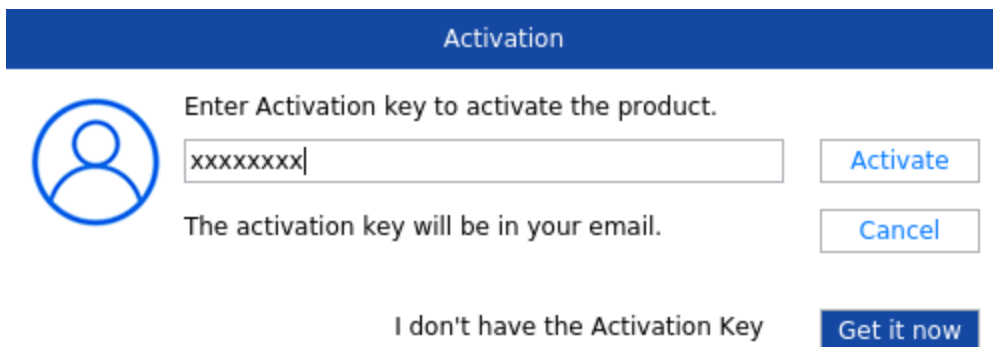
3. If you don't have the activation key, click the **Get it now** in the dialog to go online and purchase the product.

4. Once the order is confirmed, an **Activation Key** will be sent to the email provided.

5. Type the **Activation Key** (received through email after purchasing the product) and click **Activate**.

6. If the key you entered is valid, the software will be activated successfully.

7. The '*Activation completed successfully* ' message is displayed after the process gets completed successfully. Click **OK**.

2.7. Updating the Software

There are periodical software updates for **Stellar Repair for MySQL**. Using the update option, you can check for both the latest minor and major version available online. You can easily download the minor and major version through the update wizard. While updating the software, it's recommended to close all the running programs.

To start Stellar Repair for MySQL Update Wizard:

1. Run **Stellar Repair for MySQL** software.

2. Select **Update** from **Tools** Ribbon.

3. **Update** window pops up.

4. The wizard will start searching for the latest updates and if it finds any new version, a window will pop up indicating the availability an update.

5. Click **Next** and the software will start downloading update files from the server. When the process is complete, the software will updated to the latest version.

Live Update may not happen due to following reasons:
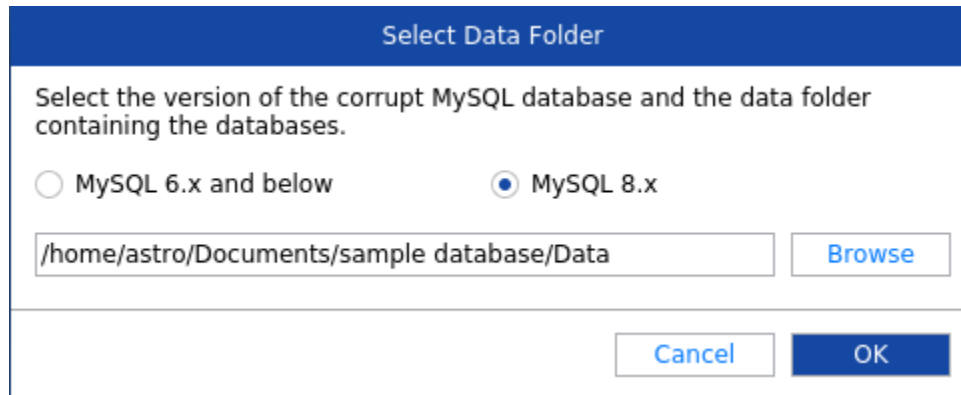
- Internet connection failure

- Unable to download configuration files

- Unable to locate updated files or version

- Unable to locate executable file

3.1. Select Database

In order to recover data from a corrupt/damaged MySQL database, you need to select the corrupt/damaged database. **Stellar Repair for MySQL** gives you an option to select database. User can select databases from different locations. User can browse to locate the desired database.

To select the database:

- Launch **Stellar Repair for MySQL**. Along with the main user interface, **Select Data Folder** window opens.
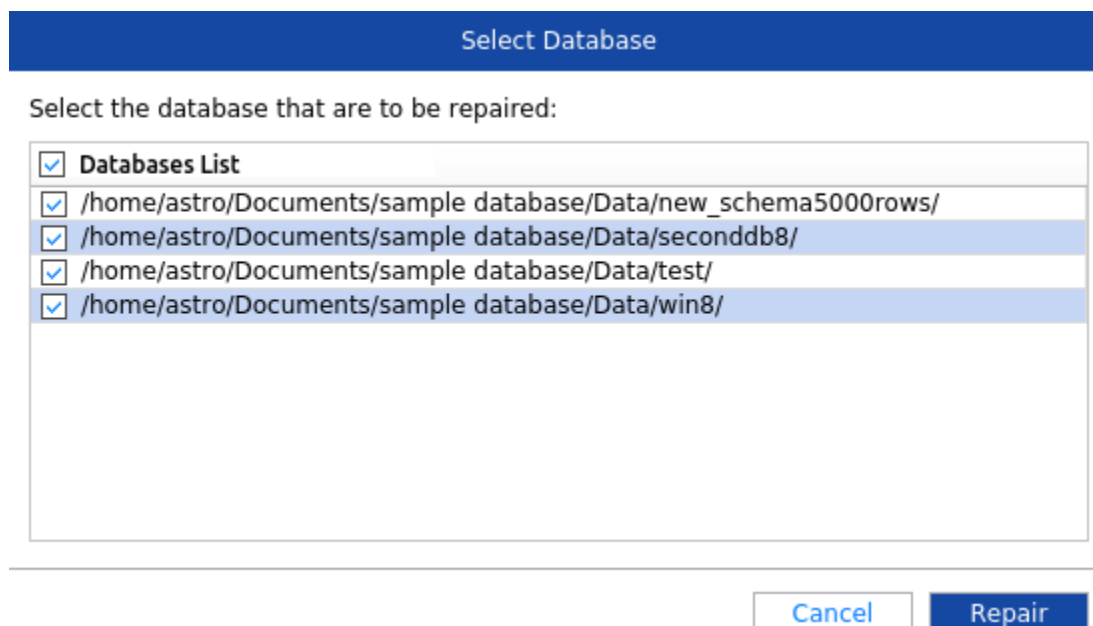
- Select **MySQL 8.x** radio button and click **Browse** to select the file to be repaired. *Browse for Folder* dialog box opens. Select the folder that contains database. Click **OK**.

- The list of all databases stored in the selected folder is displayed as shown here:

- Click **Repair.** The software starts repairing the databases.
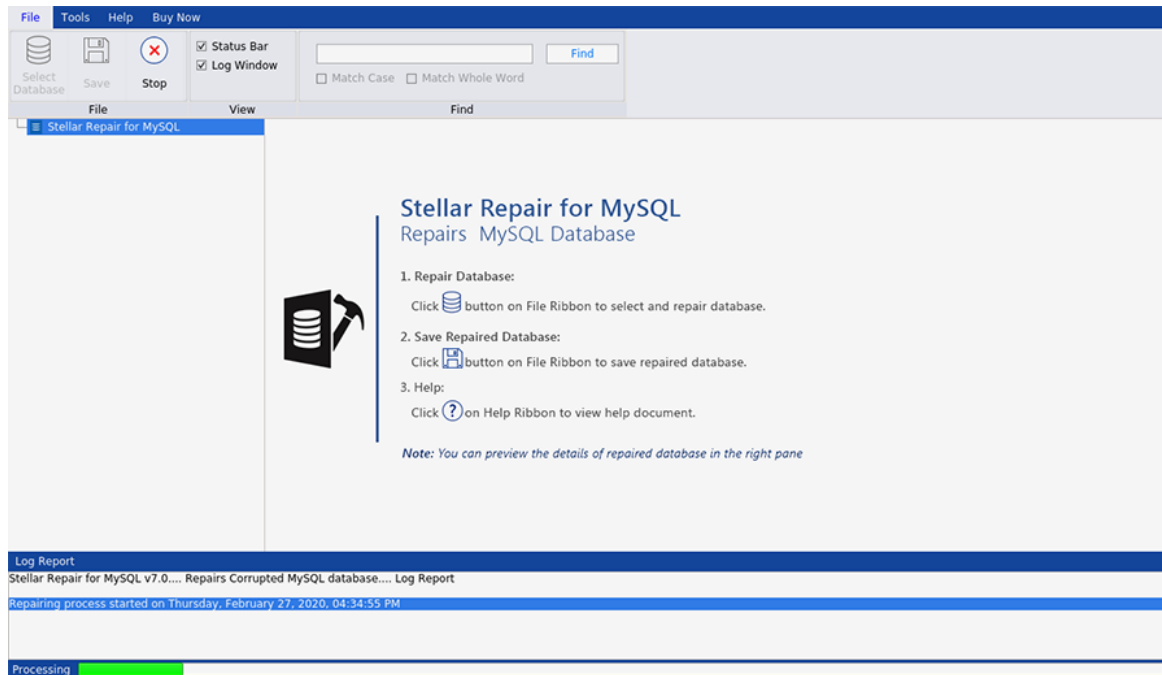
- **Repair Complete** dialog box displays. Click **OK**.
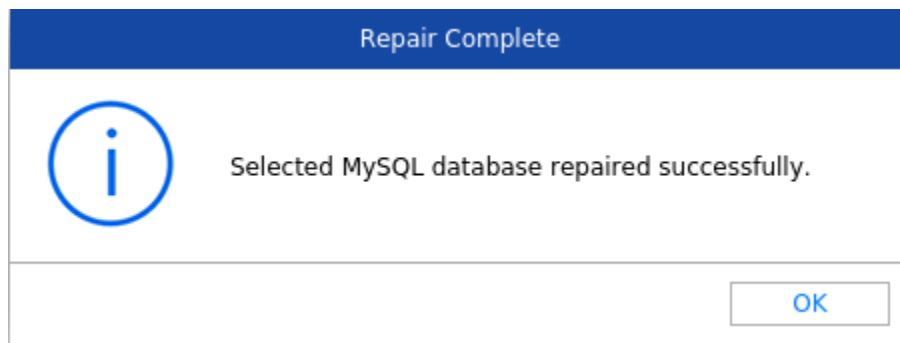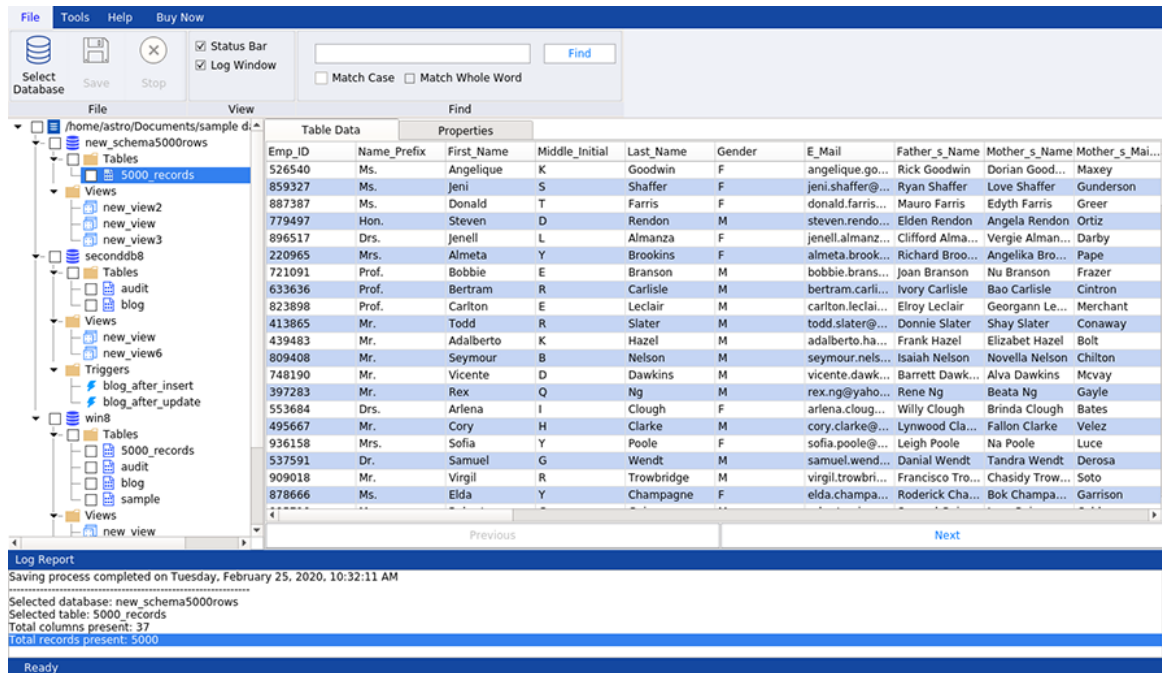
3.2. Preview Database

You can see preview of database whether MySQL is installed on your system or not.

- To see preview of database if MySQL is installed on your system, select database.

- To see preview of database created in MySQL on **Windows** platform, copy database, **ibdata** file from **Windows** system and paste them in **Linux** operating system and then select database manually.

After repairing is completed successfully, the left pane displays list of database and its components in a tree like structure under the root **Stellar Repair for MySQL** node. Expand the tree to view components of database. Select a component. The right pane shows all details of the selected component.

To preview details of a specific item of the tree, use **Search Tree Item** option on the ribbon. To search for specific item, type name of the desired item in **Find Items** search text box and click **Find** button. Continue clicking **Find** button to find more items with the same text as entered in search text box.

3.3. Save Database

After previewing database, you can save the repaired data.
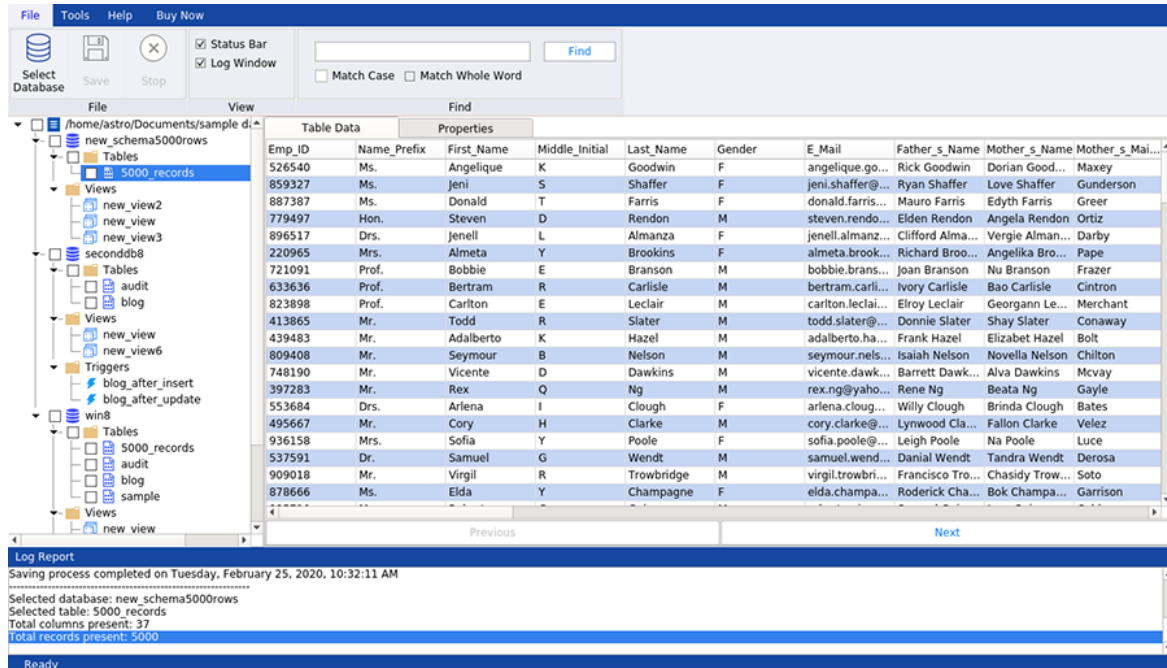
- Either a single component or entire database can be saved. To save a single component, uncheck all the other components by clearing corresponding check boxes.

- Click **Save** button in **File** ribbon to save the repaired data. **Stellar Repair for MySQL** dialog box appears. Click **Yes**.

To save to MySQL database:

- Click **Save** button in **File** ribbon. **Save Database** dialog box displays.
- Select **MySQL** radio button.

To save the repaired file in MySQL Server:

- Enter **Username Host Name/ Server IP, and Password**. Click **Save.**

- **'Save Complete'** dialog box displays.

To save the repaired file to CSV , HTML or XLS format:

- After the repairing process gets completed, go to **File ribbon** and select **Save** option.
- **Save** dialog box will open. Select the required format.

- Click **Browse** to go to the folder where you want to save the repaired file and click **Save** button.
- The file will be saved in the desired format.

3.4. Save Log Report

With **Stellar Repair for MySQL**, you can save the Log Report to analyze the repairing process at a later stage. You can view log of the process at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the **Log Window** checkbox in **View** section of **File Ribbon**.

To save log report:

- From **Tools Ribbon**, select **Save Log**.

- In **Save As** dialog box, select the location where you want to save the log report. Click **Save**.
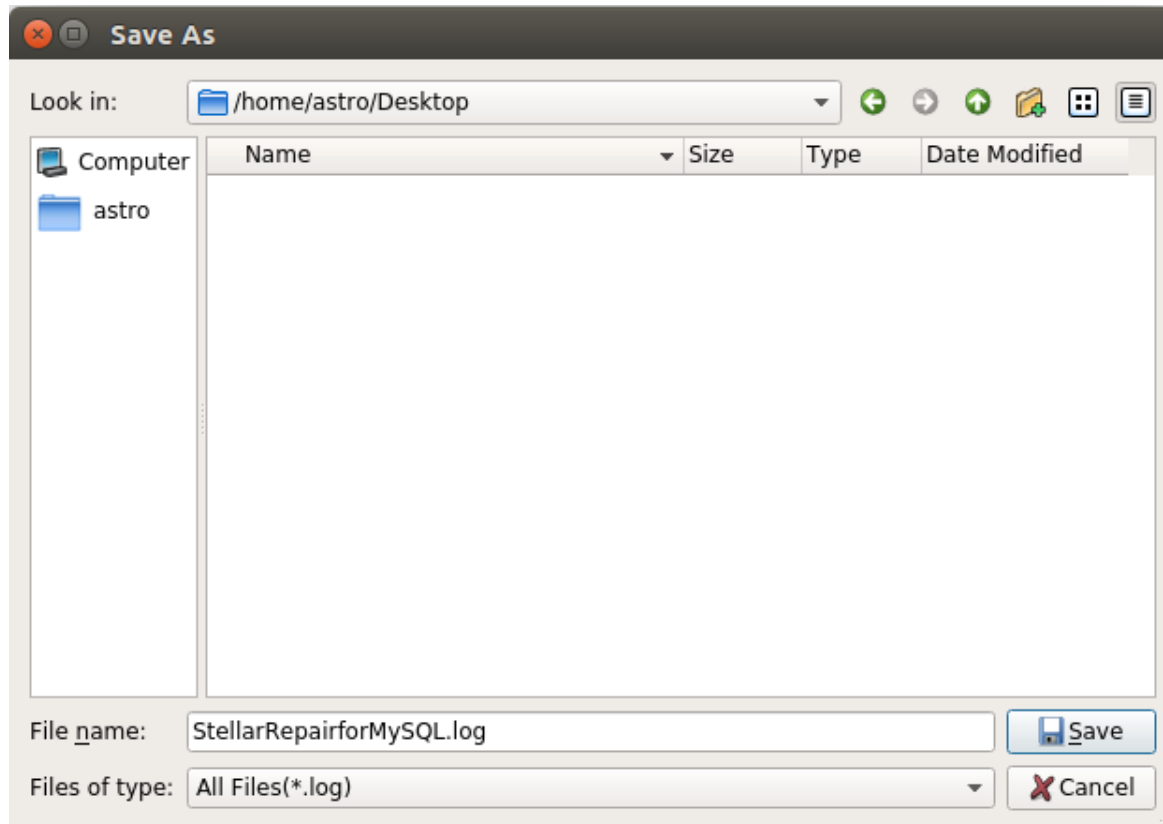
- **Save Complete** dialog box displays. Click **OK**.
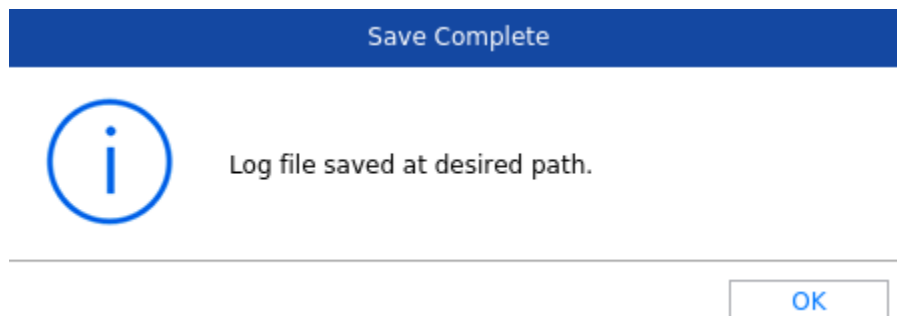
To clear log report:

- From **Tools Ribbon,** select **Clear Log.**

4. Frequently Asked Questions (FAQs)

1. **What does the demo version of the software do?**

    Demo version of the software shows only repairs and displays the preview of the database. To save repaired database, you need to purchase and activate the software.

2. **Does the recovery software make changes to my original file?**

    No. The corrupt file is only read by the software.

3. **How to know whether the software will be able to recover my database or not?**

    To know whether the software will be able to recover your corrupt **MySQL** database or not, please try demo version of the software. Scan your file using **Stellar Repair for MySQL** and preview results for your satisfaction.

4. **Can Stellar Repair for MySQL recover my deleted MySQL database?**

    No.

5. **How much time Stellar Repair for MySQL will take to scan and repair corrupt/damaged database?**

    The time taken in scanning and recovering database is totally dependent upon the size of database file.

6. **Is MySQL needed to be installed on the system for previewing database?**

    No.

7. **Is MySQL needed to be installed on the system for recovering database?**

    Yes, MySQL must be installed on the system to recover data from corrupt/damaged MySQL database.

8. **Is it possible to know total number of records recovered after a repair process?**

    Yes. To know how many records have been recovered and other such details, please view **Log Report** in the bottom pane of application user interface.

9. **Can I recover database created on a Windows based system?**

    Yes. You can recover your corrupt/damaged MySQL database even if it has been created on a Windows based system.