



Stellar Repair for SQL Anywhere

User Guide for version 3.0

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1.1. About Stellar Repair for SQL Anywhere

Stellar Repair for SQL Anywhere software is an easy to use application designed to repair corrupt SQL Anywhere database(.db) file.

SQL Anywhere database (.db) files can be damaged or corrupted due to a number of reasons such as virus attack, unexpected system shutdown, media read error, and so on. **Stellar Repair for SQL Anywhere** uses powerful algorithms to perform thorough scan of corrupt .db file and efficiently repairs every bit of the information without deleting or modifying original data.

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

- Efficiently repairs SQL Anywhere database (.db) file without making changes to original file.
- Option to save repaired database to live database or new database file.
- Option to save repaired database as CSV, Excel and HTML.
- Option to find db files in the computer for scanning.
- Shows preview of database before saving.
- Find option to search items of tree while previewing.
- Option to view and save log of scan, preview and saving process.
- Scans, previews and repairs tables, views, triggers and indexes.
- Repairs table property (column names, datatypes, sizes, nullables).
- Repairs keys (unique, primary, foreign) applied on a table.
- Supports sorted tables in tree view and generates sorted log report.
- Supports SQL Anywhere version: 17, 16, 12, 11, 10 and 9 with all page sizes.
- Compatible with Windows 10, Windows 8.1, Windows 8 and Windows 7.

1.2. About the Guide

This user guide contains sequential steps to assist you through various **Stellar Repair for SQL Anywhere** functions.

Each function is explained in details, in the corresponding sections. The guide covers following major topics:

1. General Information
2. Getting Started
3. Working with the Software
4. Frequently Asked Questions (FAQ)

This guide has the following features for easy navigation and understanding :

- There are **Notes** and **Tips** in some topics of this guide for better understanding and ease of work. These **Notes** and **Tips** are given in *italics* style.

1.3. Stellar Support

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For price details and to place the order, click <http://www.stellarinfo.com/database-recovery/sql-anywhere-recovery/buy-now.php>

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

Search in our extensive **Knowledge Base** at <http://www.stellarinfo.com/support/kb/>

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

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

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

Data Recovery

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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.



Data Erasure

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.



Email Repair & Converter

Robust applications to restore inaccessible mailboxes of MS Exchange, Outlook, AppleMail, Thunderbird, Eudora, Spicebird, Entourage, and Pocomail mailbox. Also, tools to convert mailboxes and database files from one format to another.



Database Repair

Professional and reliable software to repair corrupt or damaged database for Microsoft SQL Server, QuickBooks®, Microsoft Access, SQLite and many more.



Email Backup Tools

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



Photo and Video Tools

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.



Utility Tools

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 Toolkits

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.



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

2. Getting Started

2.1. Database Prerequisites

2.2. Installation Procedure

2.3. Launching the Software

2.4. User Interface

2.5. Ordering the Software

2.6. Activating the Software

2.7. Updating the Software

2.1. Database Repair - Prerequisites

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

- **SQL Anywhere** is installed on the system on which the repairing process needs to be performed.
- Free space same as the size of selected database is available on the drive on which database is stored.
- Make sure that the versions of SQL Anywhere application installed on your computer and corrupt SQL Anywhere file (.db) to be repaired are the same.

2.2. Installation Procedure

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

Minimum System Requirements:

- **Processor:** Intel Pentium Class
- **Operating system:** Windows 10 / 8.1 / 8 / 7
- **Hard Disk:** At least 250 MB of free disk space
- **RAM:** 2 GB minimum (4 GB recommended)
- **SQL Anywhere Version:** 17 / 16 / 12 / 11 / 10 / 9

To Install the Software:

1. Double-click **StellarRepairforSQLAnywhere.exe**. **Setup** dialog box is displayed.
2. Click **Next** to continue. **License Agreement** dialog box is displayed.
3. Select **I accept the Agreement** option. Click **Next**.
4. Specify the location where the installation files are to be stored. Click **Next**.
5. Select the folder where the files are to be stored. A default folder is suggested in the box. Click **Browse** to select a different location. Click **Next**.
6. In the **Select Additional Tasks** dialog box, select check boxes as per your choice. Click **Next**.
7. Review your selections. Click **Back** if you want to make any change. Click **Install** to start installation. The Installing window shows the installation process.
8. After completion of the process, **Completing the Stellar Repair for SQL Anywhere Setup Wizard** window opens. Click **Finish**.

Note: Clear **Launch Stellar Repair for SQL Anywhere** check box before clicking **Finish** to prevent the software from launching.

2.3. Launching the Software

To launch Stellar Repair for SQL Anywhere in Windows 10:

- Click **Start** icon -> **All apps** -> **Stellar Repair for SQL Anywhere** -> **Stellar Repair for SQL Anywhere** Or,
- Double click **Stellar Repair for SQL Anywhere** icon on the desktop. Or,
- Click **Stellar Repair for SQL Anywhere** tile on the home screen.

To launch Stellar Repair for SQL Anywhere in Windows 8.1 / 8:

- Click **Stellar Repair for SQL Anywhere** tile on the home screen. Or,
- Double click **Stellar Repair for SQL Anywhere** icon on the desktop.

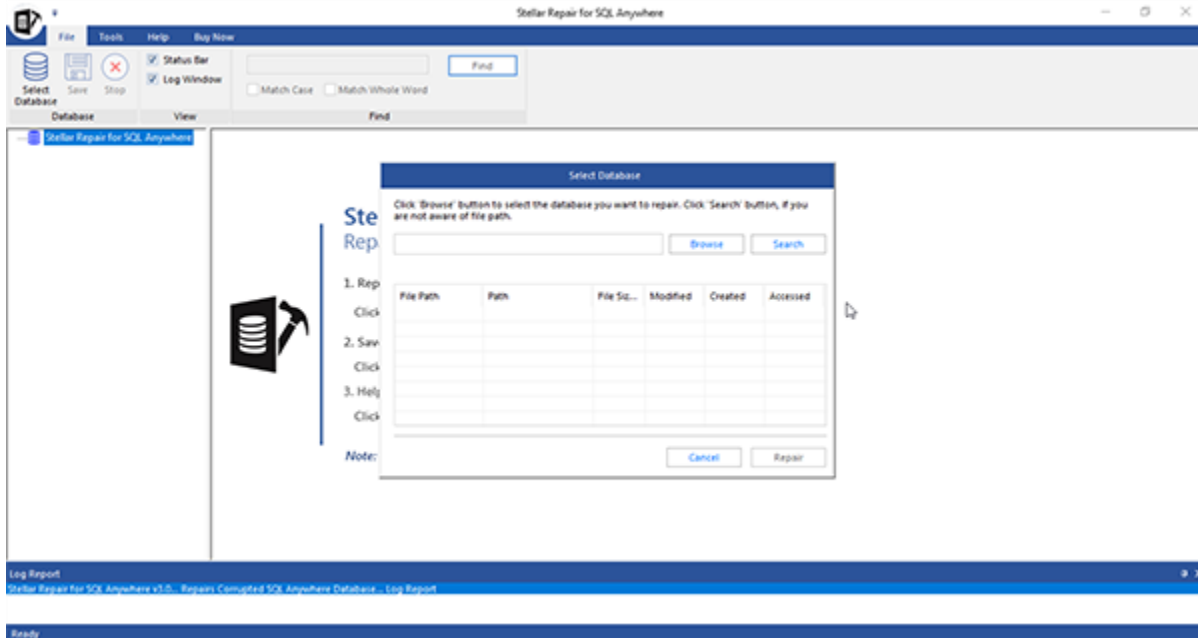
To launch Stellar Repair for SQL Anywhere in Windows 7:

- Click **Start** -> **All Programs** -> **Stellar Repair for SQL Anywhere** -> **Stellar Repair for SQL Anywhere**. Or,
- Double click the **Stellar Repair for SQL Anywhere** icon on the desktop. Or,
- Click **Stellar Repair for SQL Anywhere** icon in Quick launch.

2.4. User Interface

Stellar Repair for SQL Anywhere has a very easy to use Graphical User Interface. The user interface contains features required for complete repairing of corrupt SQL Anywhere database (.db) files.

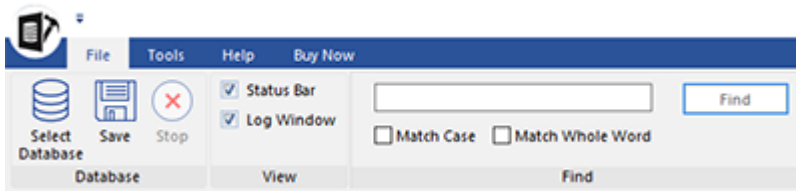
After launching the program, you will see the interface as shown below:



The user interface contains ribbons and buttons that lets you access various features of the software with ease.

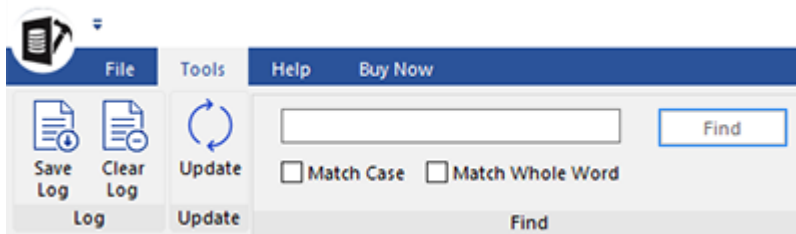
2.4.1. Ribbons

1. File Ribbon



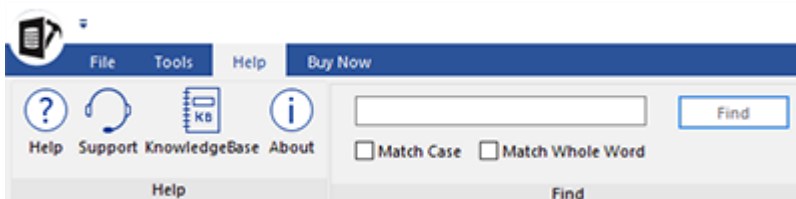
- **Select Database** : Use this option to select the corrupt .db file for repairing.
- **Save** : Use this option to save the repaired SQL Anywhere database.
- **Stop** : Use this option to stop an ongoing process.
- **Status Bar and Log Window** : Check / Uncheck these boxes to view or hide the Status Bar and Log Window.
- **Find** : Use this option to find particular item in a tree. To narrow down the search result, you can select **Match case** or **Match whole word** check box.

2. Tools Ribbon



- **Save Log** : Use this option to save log information in a text file.
- **Clear Log**: Use this option to clear the log information from **Message log** pane.
- **Update** : Use this option to check for both, latest minor and latest major versions available online.

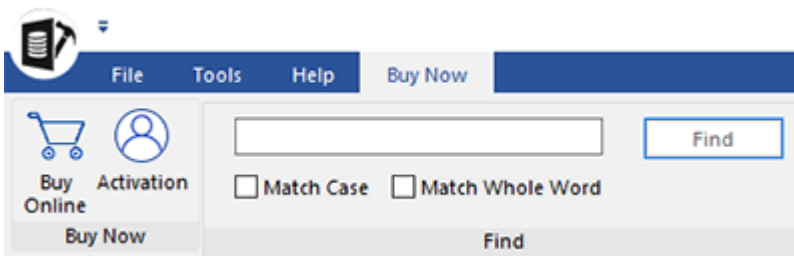
3. Help Ribbon



- **Help Topics** : Use this option to open help manual for the software.
- **Support** : Use this option to view the support page.

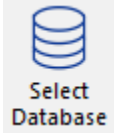
- **Knowledgebase** : Use this option to visit Knowledgebase articles of stellarinfo.com
- **About** : Use this option to read information about the software.

4. Buy Now Ribbon



- **Buy Online** : Use this option to buy the software online.
- **Activation** : Use this option to **activate** the software.

2.4.2. Buttons



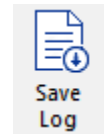
Click this button to select the corrupt .db file for repairing



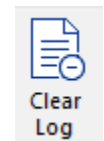
Click this button to save the repaired SQL Anywhere database.



Click this button to stop an ongoing process.



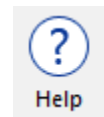
Click this button to save log information in a text file.



Click this button to clear the log report.



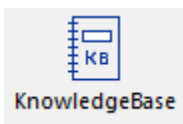
Click this button to update your software. Use this option to check for both, major and minor versions of the software.



Click this button to open the help manual for **Stellar Repair for SQL Anywhere**.



Click this button to view support page of stellarinfo.com.



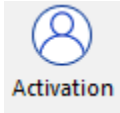
Click this button to visit the Knowledge Base articles of stellarinfo.com



Click this button to read more information about the software.



Click this button to purchase the software.



Click this button to activate the software after purchasing.

2.5. Ordering the Software

Click <http://www.stellarinfo.com/sql-anywhere-recovery.php> to know more about **Stellar Repair for SQL Anywhere**.

To purchase the software online, please visit <http://www.stellarinfo.com/database-recovery/sql-anywhere-recovery/buy-now.php>

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

Select either of the methods given above to purchase the software.

Once the order is confirmed, you receive a activation key through e-mail. You require this key to activate the software.

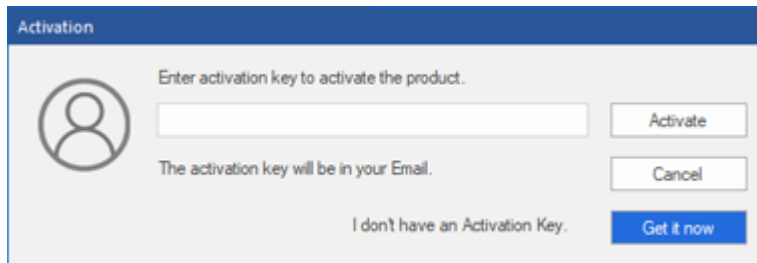
2.6. Activating the Software

The demo version is just for evaluation purpose and must be eventually activated to use the full functionality of the software.

The software can be activated using the Activation Key which you will receive via email after purchasing the software.

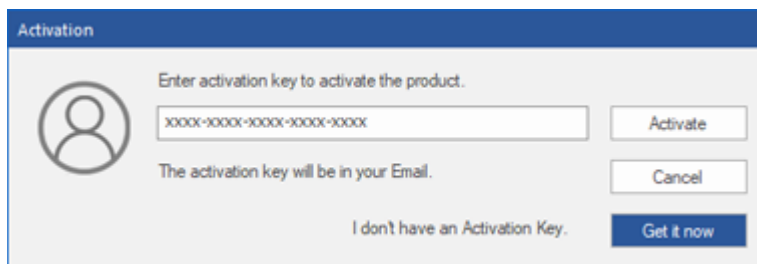
To activate the software:

1. Run demo version of **Stellar Repair for SQL Anywhere** software.
2. On **Buy Online ribbon**, click **Activation** button. *Activation window is displayed as shown below:*



The screenshot shows a dialog box titled "Activation". On the left is a user icon. The main text says "Enter activation key to activate the product." Below this is a text input field. To the right of the input field are two buttons: "Activate" and "Cancel". Below the input field, it says "The activation key will be in your Email." At the bottom, there is a link "I don't have an Activation Key." and a blue button "Get it now".

3. If you don't have the activation key, click **Get it now** button in the window to go online and purchase the product.
4. Once the order is confirmed, an Activation Key gets sent to the email provided.
5. Type the **Activation Key** (received through email after purchasing the product) and click Activate button (**Please ensure that you have an active Internet connection**).



This screenshot is identical to the previous one, but the text input field now contains a placeholder activation key: "xxxx-xxxx-xxxx-xxxx-xxxx".

6. The software would automatically communicate with the license server to verify the entered key. If the key you entered is valid, the software will be activated successfully.
7. '**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 SQL Anywhere**. 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 SQL Anywhere Update Wizard:

1. Run **Stellar Repair for SQL Anywhere** 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. Working with the Software

3.1. Select the Database File

3.2. Preview and Save Repaired Files

3.3. Find Specific Item In Tree

3.4. Save Log Report

3.1. Select the Database file

To Browse a SQL Anywhere database (.db) file:

1. Run **Stellar Repair for SQL Anywhere** Application. **Select Database** dialog box is displayed.

File Path	Path	File Siz...	Modified	Created	Accessed

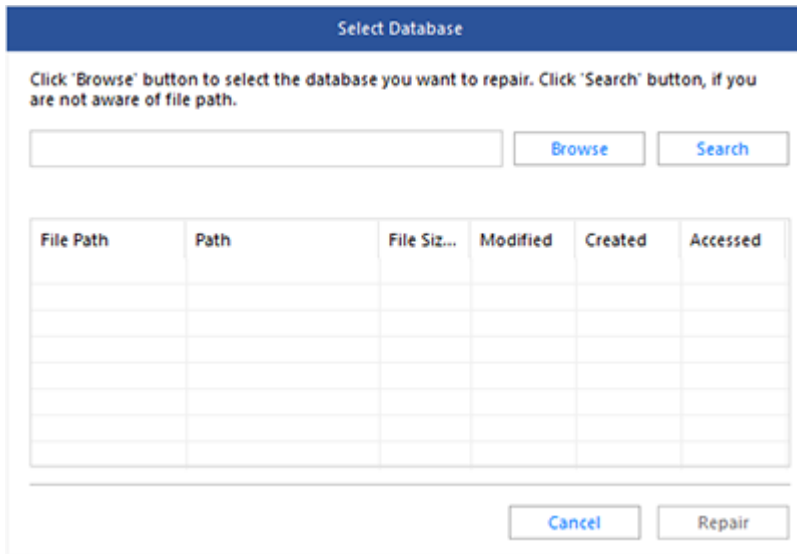
2. In **Select Database** dialog box, click **Browse**.
3. In the **Open** dialog box, browse and select the corrupt SQL Anywhere (.db) file and then click **Open**.

File Path	Path	File Siz...	Modified	Created	Accessed

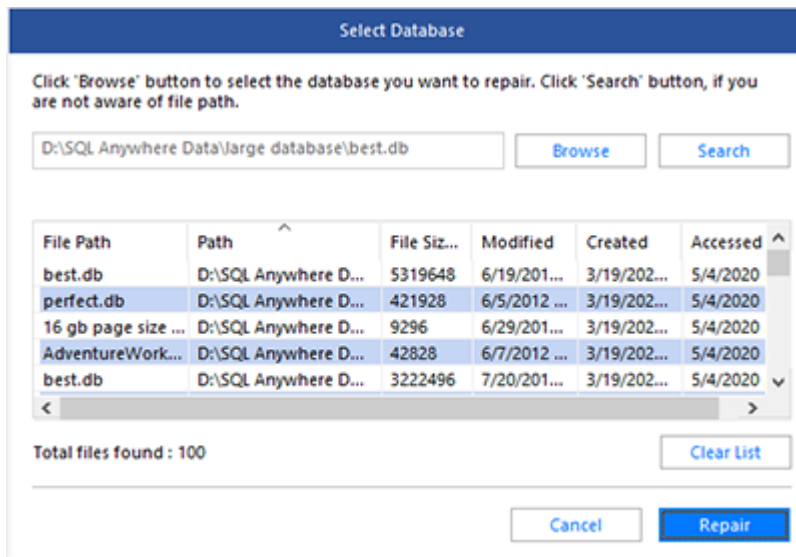
4. Click **Repair**.

To search a SQL Anywhere database (.db) file:

1. Run **Stellar Repair for SQL Anywhere** Application. **Select Database** dialog box is displayed.



2. In **Select Database** dialog box, Click on **Search**.
3. **Browse for Folder** dialog box opens. Select the drive or folder to search for the corrupt SQL Anywhere (.db) file. Click **OK**. Search process starts.
4. After the search is completed, **Find** dialog box appears displaying the number of .db files found. Click **OK**.
5. A list of .db files found in the selected drive are shown in a list. File attributes like size, modified date, created date, last accessed date is also shown with the file. Select file you wish to repair from this list and click **Repair** button to start the process.

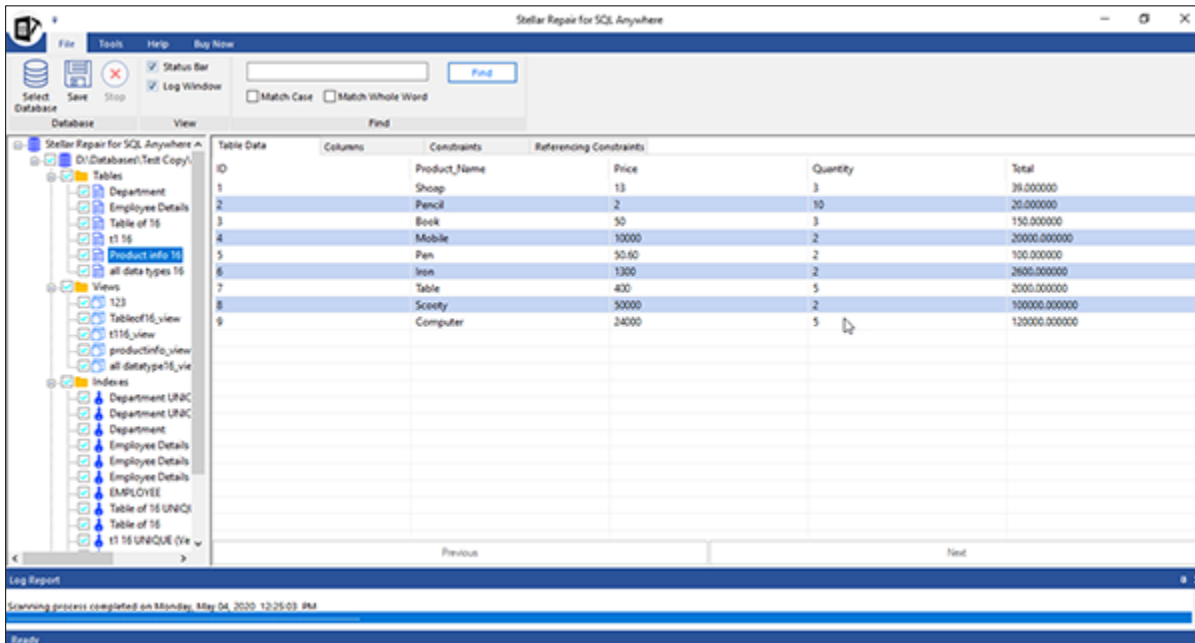


Note : Click **Clear list** to clear all the listed (.db) files.

Note : You can also select the (.db) file by choosing **Select Database** icon from **File Ribbon**.

3.2. Preview and Save Repaired Files

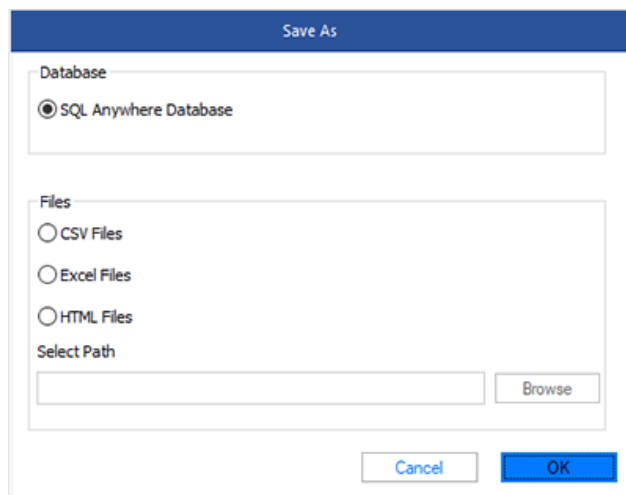
After you complete the scanning process successfully, **Stellar Repair for SQL Anywhere** shows preview of corrupted database files. The left pane displays list of items (Tables, Views, Indexes and Triggers) in file in a tree like structure, upper right pane displays content of selected items and bottom pane shows the log report as shown in the figure given below:



By default, all the checkboxes are selected. To preview content of an item, click on it in the tree view in left pane.

Stellar Repair for SQL Anywhere provides you with several options for saving the repaired database file. You can save repaired database file (.db) to live database or new .db file. Alternatively, you can also save the repaired database file as a CSV, Excel or HTML file.

- Click **Save** button in **File** ribbon on the main user interface. **Save As** dialog box appears as shown below:



To save the repaired database file to live database or new database file:

- Select **SQL Anywhere Database** in the Database section of the **Save As** dialog box. Click **OK**.
- A dialog box is displayed as shown below:

Save As

To repair a corrupt SQL Anywhere Data File (*.db), follow steps mentioned below :

1. Open SQL Anywhere application and create a new db file (*.db), in which you want to save data.

2. Select SQL Anywhere version of newly created db file.

Click here to select SQL Anywhere version

Choose either SERVER or FILE

3. Please provide server name if you want to save in Live database otherwise chose option 4.

4. Click 'Browse' button to specify path of newly created db file in which you want to save data.

5. Enter Username as 'DBA' & Password of newly created database and click 'Start' button.

User login information:

User Name :

Password :

- Open **SQL Anywhere** application and create a new database file (.db), in which you want to save the repaired database file.
 - Select the version of the newly created database file from **Save As** dialog box.
 - If you want to save the repaired file to a Live Database then select option 3 and provide the name of the Server.
- Or

If you want to save the repaired file to a New Database file then select option 4, click **Browse** button and locate destination of the newly created database file in which repaired data is to be saved.

- Give **User Name** and **Password** of database file to which repaired data is to be saved.

Note : By default, in SQL Anywhere User Name is "DBA" and Password is "sql"

- Click **Save** button to start the repairing process.
- Selected database file is repaired and saved to the specified destination.

If you want to save the repaired database file in any other format:

- Select the file type (**CSV, Excel or HTML**) in the Files section of the **Save As** dialog box.
- Click **Browse** button and select the path where you want to save the repaired database file.
- Click **OK** to start the repairing process.
- **"Repairing process completed"** message is displayed after the process is completed successfully. Click **OK**.

Process completed

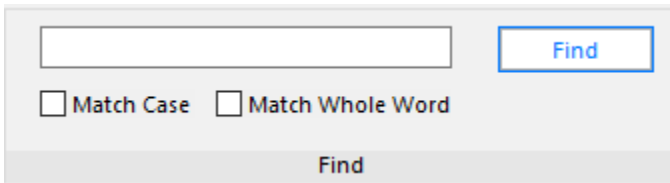


Repairing process completed.



Ok

3.3. Find Specific Item In Tree

Stellar Repair for SQL Anywhere gives option to find particular items in tree view. After completion of repairing process, a search bar along with the preview window appears as shown below:



The image shows a search interface with a text input field, a 'Find' button, and two checkboxes: 'Match Case' and 'Match Whole Word'. A 'Find' button is also visible at the bottom of the interface.

To find a particular item, enter its name in **Find Tree Item** text box and click **Find** button. If that item is present in the database, it is highlighted in tree. Use back  and forward  button to traverse in the tree.

To narrow down the search result, you can select **Match case** or **Match whole word** check box.

3.4. Save Log Report

With **Stellar Repair for SQL Anywhere**, 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**.

- **Save Log**

Use this option to save log information in a text file.

- **Clear Log**

Use this option to clear the log information from **Message log** pane.

To save log report:

1. From **Tools Ribbon**, select **Save Log**.
2. In **Save As** dialog box, select the location where you want to save the log report. Click **Save**.

To clear log report:

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

4. Frequently Asked Questions (FAQ)

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

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

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

No. The software saves repaired data in a new separate target folder or to a newly created database file. The corrupt file is only read by the software.

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

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

4. Can Stellar Repair for SQL Anywhere help me search for the location of .db file in the computer?

Yes. You can search for .db file in the computer using **Search Files** option of the software. For more details, please refer Select the Database File topic of the help manual.

5. Can Stellar Repair for SQL Anywhere repair my deleted SQL Anywhere database file?

No

6. I want to locate an item in the database file. Is there any way I can do this using the software?

Yes, after repairing .db file, the software gives you option to find items in tree view. Use **Find** option to locate desired item in a database.

7. How much time Stellar Repair for SQL Anywhere will take to scan and repair corrupt/damaged database file?

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

8. Is SQL Anywhere needed to be installed on the system for previewing database file?

No

9. Is it possible to know total number of records repaired after a repair process?

Yes. To know how many records have been repaired and other such details, please view log window in the bottom pane of application user interface. If this pane is not visible, you can enable it by selecting the **Log Window** checkbox in **View** section of **File Ribbon**.

10. Can we save process log?

Yes, **Stellar Repair for SQL Anywhere** gives you option to save log report of the process.

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**.