

Clip Store Database Backup and Restore

Overview

This document explains the process of backing up and restoring a Clip Store database. Please read all sections and procedures thoroughly to ensure no loss of clips.

Clip Store

The XPression Clip Store is built around a database that holds the metadata for the clips, and around a storage folder that holds the clips themselves and their thumbnails and flipbooks.

For a failsafe backup, both the storage folder and the Clips database would need to be backed up to a safe medium.

Storage Folder

By default the storage folder is located at: **D:\ClipStore\Storage**

If Clip Store is installed on a machine that has a C:\ drive only, by default the storage folder is located at: **C:\Program Files (86)\XPression Clip Store\Storage**

The storage folder consists of 3 sub-folders: Clips, Thumbnails, and FlipBooks. All 3 are required, as it is not possible to recreate the thumbnail or flipbooks without re-ingesting the clips.

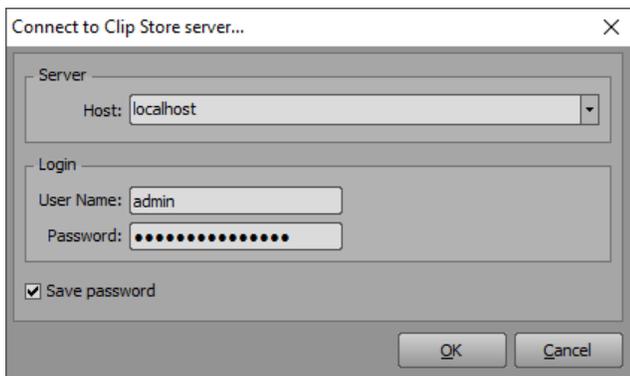
★ DO NOT manually move, add, rename, or delete any files from the storage folder. Failure to heed this warning may result in the loss of clips.

However, a user can choose to specify an alternate location where the storage folder is maintained.

To check the Clip Store Manager application for the current storage folder:

1. From the **Start** menu, locate the **XPression Clip Store** folder.
2. Select **Start Clip Store** (🌐).
3. Then, from the same folder, select **Clip Store Manager**.
4. In the **Connect to Clip Store** dialog, enter the **Password**.

The default password is `admin`. You should change this password upon first use.



The **Clip Store Manager** opens.

In the **Server Settings** section, you'll see the **Storage Folder** location.



The screenshot shows the 'Server' configuration window for XPression. On the left is an 'Object Browser' with a tree view containing: Clip Store, Clips (2490), Projects, User Roles, Users, Sync Servers, Transfer Status, and Event Tracks. The main area is divided into several sections:

- Software Install:** Version: v12.0 build 5973, Unique ID: E3553BCA-7E13-4990-BEEE-1816CEA, Protocol Version: 1, Schema Version: 29.
- Server Settings:** Storage Folder: D:\ClipStore\Storage\ (highlighted with a red box), TCP Port: 9595.
- Recall ID Options:** Allow same Recall ID to be used in different projects (disables placeholder workflow), On duplicate recall ID: remove recall ID from existing clip.
- General Server Information:** Name: XPression Clip Store, Location: C:\Program Files (x86)\XPression Clip Store, Description: (empty text area).
- HTTP Server:** Enable HTTP Server, HTTP Port: 9550, Use HTTPS / SSL (requires a pre-installed SSL certificate).

At the bottom, there are 'OK' and 'Cancel...' buttons. The status bar at the very bottom shows 'Connected to: localhost:9595' and the date/time '4/25/2025 10:36:15 AM'.

Clips Database

The clips database is stored here: **C:\Program Files (x86)\XPression Clip Store\database\CLIPSTORE.FDB**

★ This database file should not be modified by the user directly. The file should not be copied, renamed, deleted, etc. while the Clip Store service is running.

The clip store automatically creates a backup of the database file every night and stores it here: **C:\Program Files (x86)\XPression Clip Store\Database\backup**.

The backup file has the date/time appended to the file name. The format of the backup file is a compressed database file, so it is not possible to simply copy the backup over top of the **CLIPSTORE.FDB** database file.

The automatic backup every night is a backup of only the database and does not back up the clips in the storage folder. The purpose of the database backup is to serve as a backup in case the database becomes corrupted. It is recommended that a full backup of the database and clips is performed routinely.

Creating a Full Backup

To create a full backup of the contents of the Clip Store:

1. From the **Start** menu, locate the **XPression Clip Store** folder.

2. Select **Stop Clip Store** (🛑).

If the Clip Store has been successfully stopped, a message indicates that the XPression Clip Store was successfully stopped.

3. Go to **C:\Program Files (x86)\XPression Clip Store\database**.

4. Create a copy of the **CLIPSTORE.FDB** file and name it **CLIPSTORE_Backup.FDB**.

5. Create a copy of the full **Storage** folder and name it **Storage_Backup**.

6. From the **Start** menu, locate the **XPression Clip Store** folder.

7. Select **Start Clip Store** (🌐).

If the Clip Store has successfully started, a message indicates that the XPression Clip Store was successfully started.

Restoring a Backup

To restore a backup of the Clip Store:

1. From the **Start** menu, locate the **XPression Clip Store** folder.
2. Select **Stop Clip Store** (🛑).

If the Clip Store has been successfully stopped, a message indicates that the XPression Clip Store was successfully stopped.

3. Rename the current **CLIPSTORE.FDB** file (e.g., **CLIPSTORE_Original.FDB**).
4. Then rename the backup file to **CLIPSTORE.FDB**.
5. Rename the current **Storage** folder (e.g., **Storage_Original**)
6. Then rename the **Storage_Backup** folder to **Storage**.
7. From the **Start** menu, locate the **XPression Clip Store** folder.
8. Select **Start Clip Store** (🌐).

If the Clip Store has successfully started, a message indicates that the XPression Clip Store was successfully started.

Using the Auto-Generated Database Backup

In the unlikely event that the database needs to be restored, the auto-generated backup can be used. This will not affect anything in the **Storage** folder, so it is very possible that the **Storage** folder will be out of sync with the database. Any clips ingested after the auto-backup file was created may exist in the **Storage** folder but will not be in the database and vice-versa.

★ This should only be used as a last resort to fix a corrupted database.

To restore the database using the auto-generated backup:

1. From the **Start** menu, locate the **XPression Clip Store** folder.
2. Select **Stop Clip Store** (🛑).

If the Clip Store has been successfully stopped, a message indicates that the XPression Clip Store was successfully stopped.

3. Make another copy of the **CLIPSTORE.FDB** file for safe keeping.
4. Open a command prompt window and switch to the **C:\Program Files (x86)\XPression Clip Store\bin\embedded** folder.
5. Run `restore.bat` from a command line and pass the filename of the backup file to restore to the command line.

E.g., `restore.bat ClipStore-04-06-2015_0225.gbk`

6. Upon successful completion, this will have created a file called **RESTORE.FDB** in the **C:\Program Files (x86)\XPression Clip Store\Database** folder.
7. Rename the **RESTORE.FDB** to **CLIPSTORE.FDB** (ensure that a safe copy of **CLIPSTORE.FDB** has been created in the event that it is necessary to go back to it).
8. From the **Start** menu, locate the **XPression Clip Store** folder.
9. Select **Start Clip Store** (🌐).

If the Clip Store has successfully started, a message indicates that the XPression Clip Store was successfully started.