

## XPression 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.

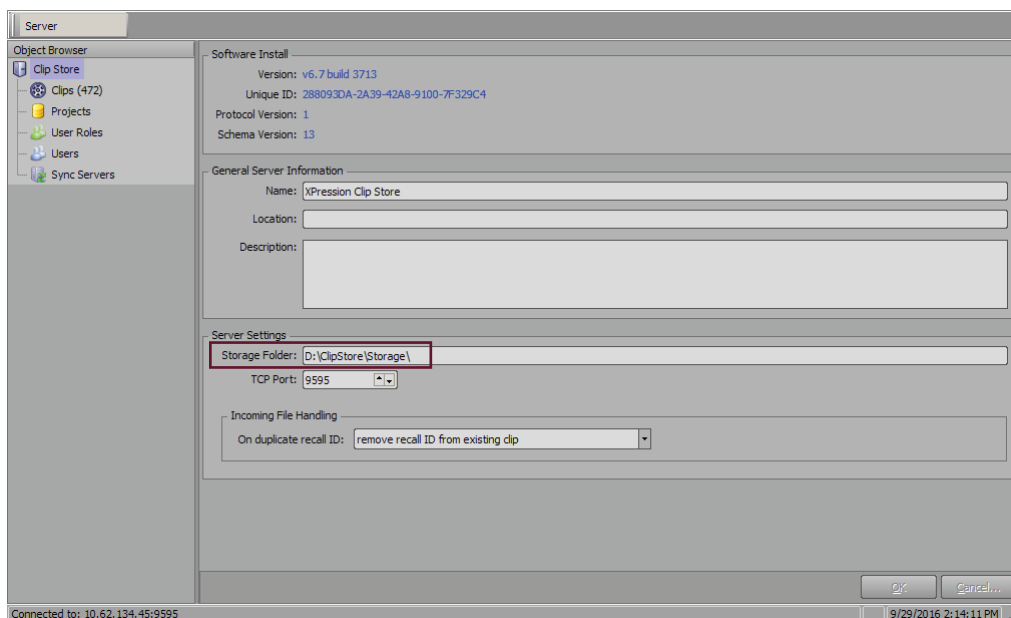
For a failsafe backup, both the storage folder and the Clips database would need to be backed up to a safe medium.

### 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

However, a user can choose to specify an alternate location where the storage folder is maintained. The Clip Store Manager application should be checked for the current storage folder:



The storage folder consists of three sub-folders: **Clips**, **Thumbnails**, and **FlipBooks**. All three 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.

## 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 backup 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. Locate the **XPression Clip Store** folder using the **Start** menu.

2. Select **Stop Clip Store** (  ).

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

3. Create a copy of the **CLIPSTORE.FDB** file.

4. Create a copy of the full **Storage** folder.

5. Locate the **XPression Clip Store** folder using the **Start** menu.

6. Select **Start Clip Store** (  ).

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

## Restoring a Backup

**To restore a backup of the Clip Store:**

1. Locate the **XPression Clip Store** folder using the **Start** menu.

2. Select **Stop Clip Store** (  ).

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

3. Restore the **CLIPSTORE.FDB** file.

4. Restore the full **Storage** folder.

5. Locate the **XPression Clip Store** folder using the **Start** menu.

6. Select **Start Clip Store** (  ).

If the Clip Store has successfully started, an information 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. Locate the **XPression Clip Store** folder using the **Start** menu.
2. Select **Stop Clip Store** (🛑).
3. Make another copy of the **CLIPSTORE.FDB** file for safe keeping.
4. Open a command prompt 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`

Upon successful completion, this should have created a file called **RESTORE.FDB** in the `C:\Program Files (x86)\XPression Clip Store\Database` folder.

6. 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).
7. Locate the **XPression Clip Store** folder using the **Start** menu.
8. Select **Start Clip Store** (🏠).

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