



SAM Broadcaster Cloud

Library Import Tools

User Guide

Version 2.0.48 | September 2026

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About This Guide

This guide explains how to install and use the Library Import Tools version 2.0.48 for SAM Broadcaster Cloud on Windows, Linux, and macOS.

What's New in Version 2.0

- **No separate Java installation.** Each tool includes its own Java runtime.
- **Native installers.** A Windows installer (.exe), Linux packages (.deb), and macOS disk images (.dmg) replace the previous Java-based installer (.jar).
- **Library Importer desktop application.** Upload tracks with a graphical interface instead of the command line.
- **Apple silicon support.** The macOS applications run natively on Macs with Apple silicon.
- **Filename matching by default.** Tracks are matched by filename unless you use -pp to match on the full file path. The -mof option has been removed.
- **New options.** ImportUtil adds -level to control logging. PlaylistUtil adds -rbp and -rbe to manage the Recycle Bin.
- **Log files.** All tools write activity to a log file in your user profile.

Upgrading from an Earlier Version

Uninstall the previous version before you install version 2.0. See Uninstalling.

Earlier versions	Version 2.0
Java 7 or later had to be installed	The Java runtime is included
LibraryImporter-install.jar for Linux and Mac OS X	.deb packages for Linux and .dmg disk images for macOS
ImportUtil.exe and PlaylistUtil.exe in one folder	Each tool has its own folder: ImportUtil, PlaylistUtil, and ImportUtilUI
ImportTools-cmd.exe opened a command prompt	Open Command Prompt or PowerShell yourself. See Running the Command-Line Tools.
Linux and Mac OS X: /opt/spacial/LibraryImportUtils	Linux: /opt/importutil, /opt/playlistutil, /opt/importutilui. macOS: /Applications
-mof matched tracks on filename only	Filename matching is the default. Use -pp to match on the full path.

Note: Update any scripts or scheduled tasks that use the old program paths or the -mof option.

Library Import Tools Overview

The Library Import Tools upload media to your SAM Broadcaster Cloud library and add tracks that are already in the library to playlists or the queue.

Tool	Type	Use it to
Library Importer (ImportUtilUI)	Desktop application	Upload tracks with a graphical interface and, optionally, add them to a playlist or the queue.
ImportUtil	Command line	Upload tracks to the library. Suited to bulk and scheduled imports.
PlaylistUtil	Command line	Add tracks that are already in the library to playlists or the queue, remove them, and manage the Recycle Bin.

Key Benefits

- Upload hundreds or thousands of tracks, including complete folder trees. Web browsers do not handle uploads of this size well.
- Automate recurring imports, such as an hourly news show or playlists created by music scheduling software.
- Control how duplicate tracks are detected.
- Save a playlist of the uploaded tracks and use it with PlaylistUtil.

Typical Workflow

1. Upload tracks with Library Importer or ImportUtil. With ImportUtil, use -o to save a playlist file of the uploaded tracks.
2. Use PlaylistUtil to add the tracks in that playlist file to a SAM Broadcaster Cloud playlist or the queue.
3. Optionally, schedule both steps to run automatically. See Automating Imports.

Tip: If several stations share one library, import each track once. It is then available to every station that uses that library.

How SAM Broadcaster Cloud Detects Duplicate Tracks

Before importing a track, SAM Broadcaster Cloud checks whether the track is already in your library. What counts as the same track depends on how the file is uploaded.

Uploads through the web browser

For security reasons, web browsers do not send the full file path. Tracks uploaded through the SAM Broadcaster Cloud web interface are stored with an /import/ path, for example /import/myshow_hour1.mp3.

Uploads with the Library Import Tools

- **Filename matching (default).** The folder is ignored. C:\Music\a.mp3 and C:\Promos\a.mp3 are treated as the same track. This works well together with web uploads.
- **Full path matching.** Use -pp, or select **Preserve file path** in Library Importer. The full path is stored and compared, so files with the same name in different folders are imported as separate tracks.

Note: Matching is not case-sensitive. A.mp3 and a.mp3 are treated as the same file.

Warning: If you also upload through the web interface, do not use full path matching. The same file could be added twice: once as `/import/filename.mp3` and once with its full path.

Example

You archive a live show every day:

```
C:\myshows\2026-09-27\myshow_hour1.mp3  
C:\myshows\2026-09-28\myshow_hour1.mp3
```

With filename matching, the second file is treated as the same track as the first. Depending on the import mode, it is skipped (new), replaces the existing audio file (replace), or replaces the audio file and refreshes the metadata (refresh). With full path matching (-pp), both files are imported as separate tracks.

Recommendation

Give every file a unique name, for example by including the date:

```
C:\myshows\2026_09_27_myshow_hour1.mp3  
C:\myshows\2026_09_28_myshow_hour1.mp3
```

With unique filenames, you can use the web interface and the Library Import Tools together with the default filename matching.

System Requirements

Platform	Requirements
Windows	Windows 10 or Windows 11 (64-bit). Administrator rights are required to install.
Linux	64-bit (x86-64) Debian-based distribution: Ubuntu 24.04 LTS or later, or Debian 13 or later. Permission to install packages (sudo).
macOS	Mac with Apple silicon (M1 or later) running macOS 11 Big Sur or later.

You also need:

- A SAM Broadcaster Cloud subscription and your SAM Broadcaster Cloud username and password.
- Your station ID. You can find it on the **Settings** tab in SAM Broadcaster Cloud.
- A stable internet connection.

Note: You do not need to install Java. Each tool includes its own Java runtime.

Note: The macOS applications in this release are built for Apple silicon only. Macs with Intel processors are not supported.

Installation

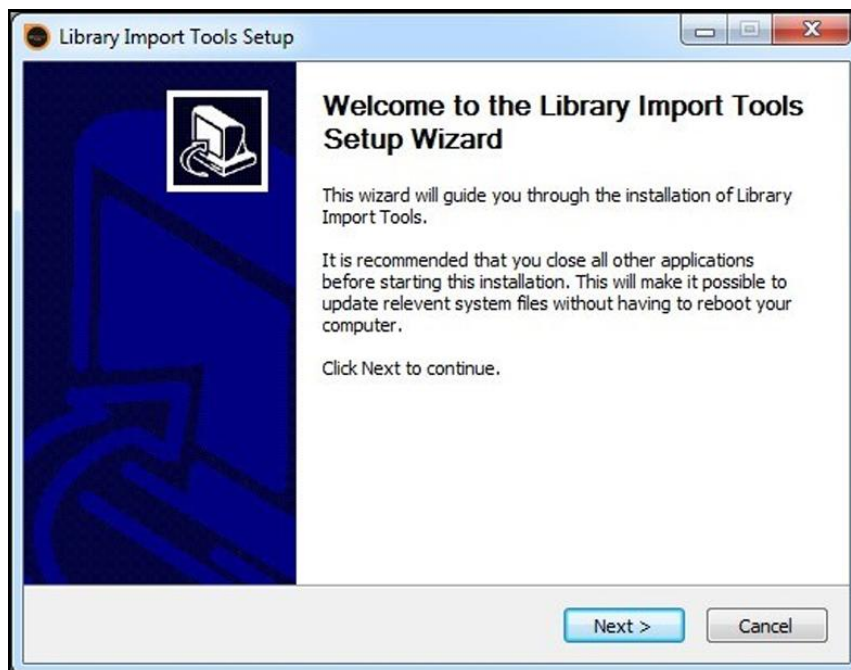
Installation Files

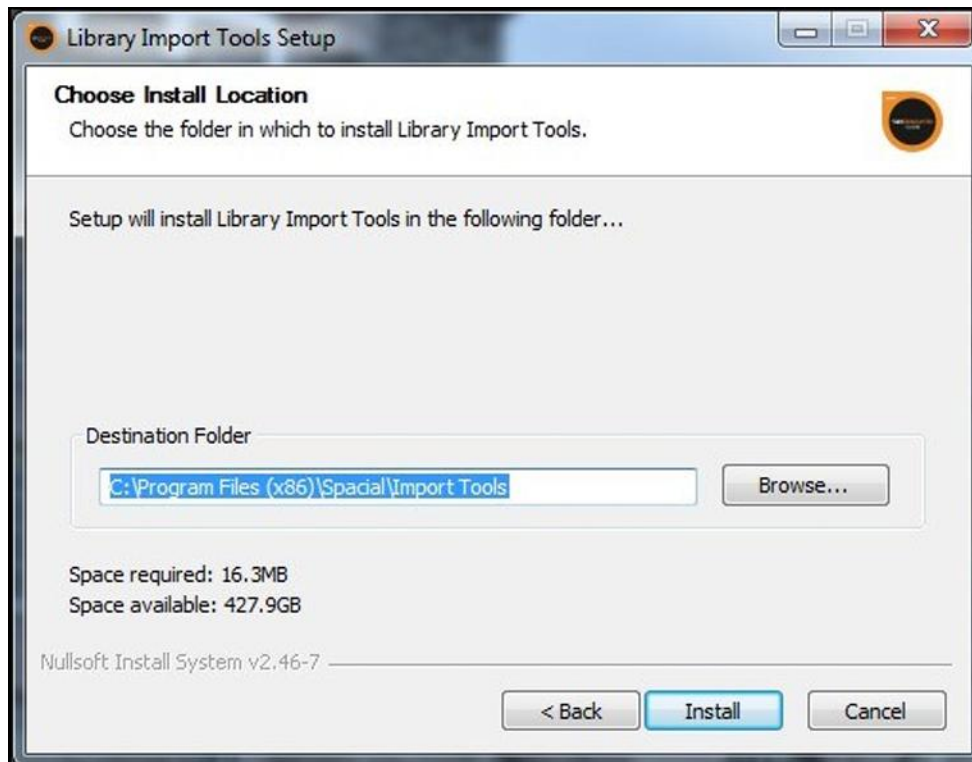
Platform	File	Installs
Windows	LibraryImporter-install.exe	Library Importer, ImportUtil, and PlaylistUtil
Linux	importutilui_2.0.48-1_amd64.deb	Library Importer
Linux	importutil_2.0.48-1_amd64.deb	ImportUtil
Linux	playlistutil_2.0.48-1_amd64.deb	PlaylistUtil
macOS	ImportUtilUI-2.0.48.dmg	Library Importer
macOS	ImportUtil-2.0.48.dmg	ImportUtil
macOS	PlaylistUtil-2.0.48.dmg	PlaylistUtil

On Linux and macOS, install only the tools you need.

Windows

1. Uninstall any earlier version of the Library Import Tools.
2. Double-click LibraryImporter-install.exe. When Windows asks for permission, click **Yes**.
3. On the welcome page, click **Next**.
4. Read the license agreement and click **I Agree**.
5. Accept the default folder, C:\Program Files (x86)\Spacial\Import Tools, or click **Browse** to choose another folder. Click **Install**.
6. When you are asked whether to create desktop shortcuts, click **Yes** to add a **Library Importer** shortcut to your desktop, or **No** to skip it.
7. On the last page, select **Open User Guide?** if you want to open the online guide, and click **Finish**.





Start menu shortcuts

The installer adds an **Import Tools** folder to the Start menu:

Shortcut	Opens
Library Importer UI	The Library Importer desktop application
ImportUtil (Command Line)	ImportUtil. The window shows the help text and closes. See Running the Command-Line Tools.
PlaylistUtil (Command Line)	PlaylistUtil. The window shows the help text and closes.
Online Documentation	The online user guide
Uninstall	Removes the Library Import Tools

Installed files

```
C:\Program Files (x86)\Spacial\Import Tools\
  ImportUtil\ImportUtil.exe
  PlaylistUtil\PlaylistUtil.exe
  ImportUtilUI\ImportUtilUI.exe
  Uninstall.exe
```

Each tool folder also contains app and runtime subfolders. Do not move or delete them.

Linux

1. Open a terminal in the folder that contains the .deb files.
2. Install the packages you need. For example, to install all three tools:

```
sudo apt install ./importutil_2.0.48-1_amd64.deb \
  ./playlistutil_2.0.48-1_amd64.deb \
  ./importutilui_2.0.48-1_amd64.deb
```

3. Enter your password when prompted. apt installs any required system libraries automatically.

Note: Type `./` in front of each file name. Without it, apt searches the online package repositories instead of using the local file.

Installed files

Tool	Program
Library Importer	/opt/importutilui/bin/ImportUtilUI
ImportUtil	/opt/importutil/bin/ImportUtil
PlaylistUtil	/opt/playlistutil/bin/PlaylistUtil

Each package also adds an entry to your desktop's application menu.

Tip: To run the command-line tools without typing the full path, create links in `/usr/local/bin`:

```
sudo ln -s /opt/importutil/bin/ImportUtil /usr/local/bin/ImportUtil
sudo ln -s /opt/playlistutil/bin/PlaylistUtil /usr/local/bin/PlaylistUtil
```

macOS

1. Double-click a disk image, for example `ImportUtilUI-2.0.48.dmg`.
2. In the window that opens, drag the application icon to the **Applications** folder.
3. Eject the disk image.
4. Repeat these steps for each tool you need.

Installed files

Tool	Program
Library Importer	/Applications/ImportUtilUI.app
ImportUtil	/Applications/ImportUtil.app/Contents/MacOS/ImportUtil
PlaylistUtil	/Applications/PlaylistUtil.app/Contents/MacOS/PlaylistUtil

Note: ImportUtil and PlaylistUtil are command-line tools. Run them from Terminal. Opening them from Finder does not start an import.

Note: If macOS prevents an application from opening the first time, open **System Settings > Privacy & Security** and click **Open Anyway**.

Tip: To run the command-line tools without typing the full path, create links in `/usr/local/bin`:

```
sudo mkdir -p /usr/local/bin
sudo ln -s /Applications/ImportUtil.app/Contents/MacOS/ImportUtil /usr/local/bin/ImportUtil
sudo ln -s /Applications/PlaylistUtil.app/Contents/MacOS/PlaylistUtil /usr/local/bin/PlaylistUtil
```

Uninstalling

Platform	How to uninstall
Windows	Open Settings > Apps > Installed apps , select Library Import Tools , and click Uninstall . You can also use the Uninstall shortcut in the Start menu.
Linux	Run <code>sudo apt remove importutil playlistutil importutilui</code>
macOS	Drag ImportUtilUI, ImportUtil, and PlaylistUtil from Applications to the Trash.

Uninstalling does not remove your log files. See Log Files.

Library Importer Desktop Application

Library Importer uploads tracks to SAM Broadcaster Cloud through a graphical interface. It uses the same upload engine as ImportUtil.

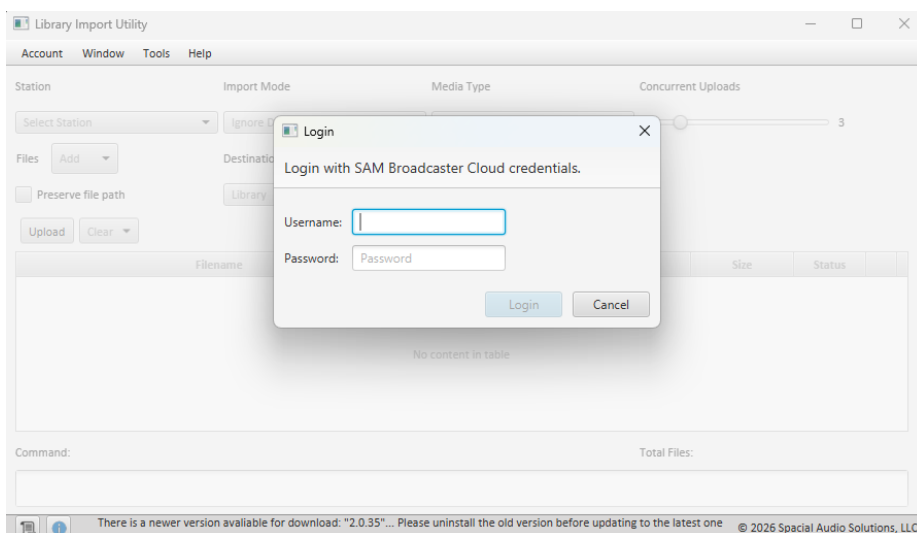
Starting Library Importer

- **Windows:** Start menu > **Import Tools** > **Library Importer UI**, or the **Library Importer** desktop shortcut.
- **Linux:** **ImportUtilUI** in the application menu, or run `/opt/importutilui/bin/ImportUtilUI`.
- **macOS:** **ImportUtilUI** in the Applications folder or Launchpad.

Signing In

1. Choose **Account > Login**.
2. Enter your SAM Broadcaster Cloud username and password.
3. Click **Login**.

After you sign in, your stations are listed in the **Station** list.



Uploading Tracks

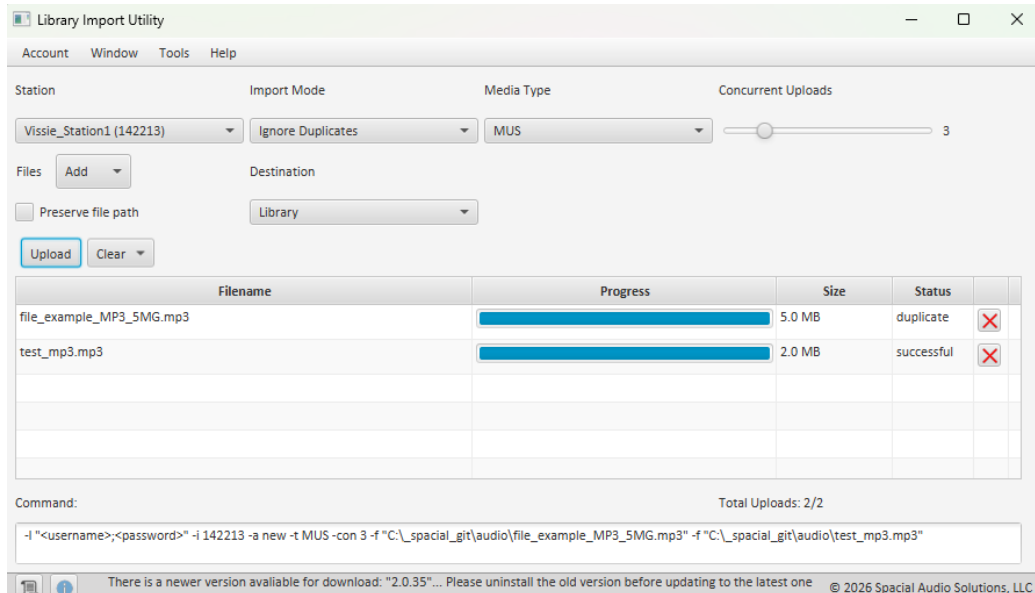
1. Select a **Station**.
2. Select an **Import Mode**. See the table below.
3. Select a **Media Type**, for example MUS for music. See Media Types.
4. Set **Concurrent Uploads** to the number of files to upload at the same time.
5. Select a **Destination: Library, Playlist, or Queue**. If you select **Playlist**, choose the playlist in the **Add to playlist** list.
6. Select **Preserve file path** only if you want to match tracks on the full file path. See How SAM Broadcaster Cloud Detects Duplicate Tracks.
7. Click **Add** and choose one of the following. Repeat to add more files or folders.

Add option	Adds
Media File	One or more audio files: MP3, WMA, WAV, AAC, OGG, FLAC, or M4A
Playlist	The tracks listed in a playlist file: M3U, M3U8, PLS, or MIL

Add option	Adds
Scan directory	The audio files in a folder, without its subfolders
Scan directory and subdirectories	The audio files in a folder and all of its subfolders

8. Click **Upload**.

The file list shows the **Filename**, **Progress**, **Size**, and **Status** of each file. When all files have been uploaded, a message confirms that the upload is complete. Click **View log** in that message to see the details.



Import modes

Import Mode	ImportUtil option	What happens to tracks that are already in the library
Ignore Duplicates	-a new	They are skipped. This is the default.
Replace File	-a replace	The audio file is replaced. The library metadata is not changed.
Replace File And Metadata	-a refresh	The audio file is replaced, and the library metadata is updated from the file's tags.

In all modes, tracks that are not yet in the library are imported.

Note: The **Playlist** and **Queue** destinations are available only if your account has permission to edit playlists or the queue for the selected station.

Managing the File List

- To remove files, select them, right-click, and choose **Remove selected**.
- To clear the list, click **Clear** and choose **Completed**, **Failed**, or **All**.

Command Box

The **Command** box shows the ImportUtil options that match your current settings and files, with a placeholder instead of your password. You can use it as a starting point for a script. See ImportUtil.

Note: The command does not include the **Destination**. In a script, use PlaylistUtil to add the uploaded tracks to a playlist or the queue.

Other Menu Commands

Command	Description
Window > Log Viewer	Shows the activity log.
Tools > Reset	Clears the file list and restores the default settings.
Help > About	Shows the version number.

Running the Command-Line Tools

ImportUtil and PlaylistUtil run from Command Prompt or PowerShell on Windows, and from a terminal on Linux and macOS.

Platform	ImportUtil	PlaylistUtil
Windows	C:\Program Files (x86)\Spacial\Import Tools\ImportUtil\ImportUtil.exe	C:\Program Files (x86)\Spacial\Import Tools\PlaylistUtil\PlaylistUtil.exe
Linux	/opt/importutil/bin/ImportUtil	/opt/playlistutil/bin/PlaylistUtil
macOS	/Applications/ImportUtil.app/Contents/MacOS/ImportUtil	/Applications/PlaylistUtil.app/Contents/MacOS/PlaylistUtil

Windows

1. Open **Command Prompt**.
2. Go to the ImportUtil folder:

```
cd /d "C:\Program Files (x86)\Spacial\Import Tools\ImportUtil"
```

3. Show the help text:

```
ImportUtil.exe -h
```

Note: In PowerShell, type `.\ImportUtil.exe` instead of `ImportUtil.exe`.

Note: Starting a command-line tool from the Start menu shows the help text and closes the window. To run imports, use Command Prompt or PowerShell.

Linux and macOS

Run the program with its full path, or with the name of the link you created during installation:

```
/opt/importutil/bin/ImportUtil -h # Linux  
/Applications/ImportUtil.app/Contents/MacOS/ImportUtil -h # macOS
```

Conventions in This Guide

- The examples use ImportUtil and PlaylistUtil as command names. Replace them with ImportUtil.exe in the tool folder on Windows, or with the full path or link name on Linux and macOS.
- Put any value that contains spaces in straight double quotes, for example "C:\My Music". Do not use typographic quotes copied from a word processor.
- On Windows, do not end a quoted folder path with a backslash. Type "C:\Music", not "C:\Music\".
- Options can be given in any order. Options marked as repeatable can be used more than once.

Signing In from the Command Line

Both tools need your login details and your station ID:

```
-l "<username>;<password>" -i <stationId>
```

For example: `-l "<username>;<password>" -i 1234`. You can find your station ID on the **Settings** tab in SAM Broadcaster Cloud.

Note: For PlaylistUtil, the password cannot contain a semicolon (;).

ImportUtil

ImportUtil uploads tracks to your SAM Broadcaster Cloud library from the command line.

Supported Files

- **Audio files:** MP3, WMA, WAV, AAC, OGG, FLAC, and M4A.
- **Playlist files:** M3U, M3U8, and PLS. The tracks listed in the playlist are uploaded.

Other file types are skipped and reported as failed.

Syntax

```
ImportUtil -l "<username>;<password>" -i <stationId> <source> [options]
```

Specify at least one source with -f, -d, or -s.

Options

Option	Description
-l "<username>;<password>"	Your SAM Broadcaster Cloud login details. Required.
-i <stationId>	Your station ID. Required. Tracks are available to all stations that share the library.
-f <file>	Upload a file, or the tracks in a playlist file. Repeatable.
-d <folder>	Upload the audio files in a folder, without its subfolders. Repeatable.
-s <folder>	Upload the audio files in a folder and all of its subfolders. Repeatable.
-m <mask>	Upload only files that match a file mask. Use with -d or -s. Repeatable.
-a new replace refresh	Import mode. Default: new.
-t <type>	Media type for new tracks. Default: MUS.
-pp	Match tracks on the full file path instead of the filename.
-o <file>	Save a playlist of the uploaded tracks.
-n	Add only new tracks to the -o playlist. Use with -a new.
-con <number>	Number of files to upload at the same time. Default: one per processor core, up to 5.
-usl <kbps>	Maximum upload speed in kilobits per second. Default: unlimited.
-level <level>	Log level: DEBUG, INFO, WARN, or ERROR. Default: INFO.
-v	Show the version number.
-h	Show the help text.

```

PS C:\Program Files (x86)\Spacial\Import Tools\ImportUtil> ./ImportUtil.exe -h

usage: -l "<username>;<password>" -i <stationId> <arguments>
-a <arg>      Import mode. new|replace|refresh (new=Ignore duplicates,
              replace=Replace file, refresh=Replace file AND metadata).
-con <arg>    The amount of concurrent upload connections, Default = 5
-d <arg>      Scan directory for accepted media files. (can have
              multiple)
-f <arg>      Specific file to import, can be playlist file. (can have
              multiple)
-h           Print this help message
-i <arg>      Your station ID
-l <arg>      Login details in this form: "<username>;<password>"
-level <arg>  The log level, Default = INFO (DEBUG, INFO, WARN, ERROR)
-m <arg>      File mask, i.e. -m *.mp3 (Only used for -d and -s) (can
              have multiple)
-n           Only add new files to output playlist file
-o <arg>      Output playlist file (-o output.m3u)
-pp         Preserve file path (Match on full path). Not recommended
              if you also use web interface to upload as it may cause
              the same file to be added to your library more than once.
-s <arg>      Scan directory and sub-directory for accepted media files.
              (can have multiple)
-t <arg>      MediaType to assign to imported files: (MUS, SFX, JIN,
              PRO, SID, NWS, COM, INT)
-usl <arg>    Upload speed limit in kb/s. Default: Unlimited
-v           Print the application version

NOTE: Use " " to wrap strings with text containing spaces

PS C:\Program Files (x86)\Spacial\Import Tools\ImportUtil> |

```

Option Details

-f, -d, and -s: Choose what to upload

```

-f "/home/radio/music/mix1.mp3"
-f "C:\Playlists\clubmix.m3u"
-d "/home/radio/music/clubmix"
-s "C:\Music" -s "D:\Promos"

```

-d uploads only the files in the folder itself. -s also uploads the files in every subfolder. Playlist files found in a folder are read, and the tracks they list are uploaded.

-m: Filter by file mask

Use * to match any characters and ? to match a single character. Masks are not case-sensitive.

```

-s "C:\Music" -m "*.mp3" -m "*rolling*.aac"

```

Note: On Linux and macOS, put masks in quotes so that the shell does not expand them.

-a: Import mode

Mode	What happens to tracks that are already in the library
new	They are skipped. This is the default.
replace	The audio file is replaced. The library metadata is not changed.
refresh	The audio file is replaced, and the library metadata is updated from the file's tags.

In all modes, tracks that are not yet in the library are imported.

-t: Media type

Code	Media type	Code	Media type
MUS	Music (default)	SID	Station IDs

Code	Media type	Code	Media type
SFX	Sound effects	NWS	News
JIN	Jingles	COM	Commercials
PRO	Promotions	INT	Interviews

The media type applies only to tracks that are not yet in the library.

-pp: Match on the full path

By default, tracks are matched by filename. With -pp, the full path is stored and compared. See [How SAM Broadcaster Cloud Detects Duplicate Tracks](#).

-o and -n: Save a playlist of the uploaded tracks

-o creates a playlist file of the tracks that were uploaded. Use this file with PlaylistUtil to add the tracks to a playlist or the queue.

- If you do not type a file extension, .m3u is added.
- A second file, <name>-failed.<extension>, lists the files that could not be uploaded.
- Existing files with the same names are overwritten.
- Add -n to include only tracks that are new to the library. -n can be used only with -a new.

```
-o "/home/radio/playlists/new-tracks.m3u" -a new -n
```

-con and -usl: Control upload speed

```
-con 3 -usl 5000
```

This example uploads three files at a time with a combined limit of 5,000 kbps.

-level: Log level

Use -level1 DEBUG for more detail in the log file, for example when you contact support. See [Log Files](#).

Examples

The examples use this folder structure:

```
Music
  Beverly Hills - Weezer.mp3
  clubmix
    mix1.mp3
    mix3.mp3
    mix18.aac
    dance
      dance1.mp3
      dance8.mp3
```

Upload a single file

```
ImportUtil -l "<username>;<password>" -i 1234 -f "C:\Music\Beverly Hills - Weezer.mp3" -o result.m3u
```

Upload a folder without its subfolders

```
ImportUtil -l "<username>;<password>" -i 1234 -d "/home/radio/Music/clubmix" -o clubmix.m3u
```

This uploads the files in clubmix, but not the files in dance.

Upload a folder and its subfolders

```
ImportUtil -l "<username>;<password>" -i 1234 -s "C:\Music\clubmix" -o clubmixAndDance.m3u
```

This uploads the files in clubmix and in dance.

Upload from several sources

```
ImportUtil -l "<username>;<password>" -i 1234 -f "C:\Music\Beverly Hills - Weezer.mp3" -s  
"C:\Music\clubmix" -o all.m3u
```

Upload only MP3 files as jingles

```
ImportUtil -l "<username>;<password>" -i 1234 -s "/home/radio/jingles" -m "*.mp3" -t JIN
```

Replace existing files and refresh their metadata

```
ImportUtil -l "<username>;<password>" -i 1234 -d "C:\News" -a refresh
```

PlaylistUtil

PlaylistUtil adds tracks to SAM Broadcaster Cloud playlists or the queue, removes them, and manages the Recycle Bin. The tracks must already be in your library.

Tip: Upload the tracks with ImportUtil first, and save a playlist with -o. Then use that playlist file with PlaylistUtil.

Supported Playlist Files

M3U, M3U8, PLS, and MIL. Up to 10,000 entries are added to a playlist. If a playlist file has more entries, the rest are ignored and a warning is shown.

Syntax

```
PlaylistUtil -l "<username>;<password>" -i <stationId> -f <playlistFile> (-p <playlist> | -q top|bottom) [options]
```

- -f is required, unless you use -c, -rbp, or -rbe.
- -p or -q is required, unless you use -rbp or -rbe.

Options

Option	Description
-l "<username>;<password>"	Your SAM Broadcaster Cloud login details. Required.
-i <stationId>	Your station ID. Required.
-f <file>	Playlist file with the tracks to add or remove. Repeatable.
-p <playlist>	SAM Broadcaster Cloud playlist to add tracks to or remove them from. Repeatable.
-pc station shared	Create the -p playlists if they do not exist, as station or shared playlists.
-q top bottom	Add the tracks to the top or bottom of the queue.
-c queue <playlist>	Clear the queue or a playlist before adding tracks. Repeatable.
-x	Remove the tracks in the playlist file from the -p playlists or the queue, instead of adding them.
-nd	Remove duplicates, so that each track appears only once in the playlist or queue.
-pp	Match tracks on the full file path instead of the filename.
-rbp	Move tracks to the Recycle Bin. See the warning below.
-rbe	Permanently delete all items in the Recycle Bin.
-h	Show the help text.

```

PS C:\Program Files (x86)\Spacial\Import Tools\PlaylistUtil> .\PlaylistUtil.exe -h

usage: PlaylistUtil
-c <arg>      Clear playlist and/or queue. queue|playlist (can have
              multiple)
-f <arg>      Playlist file to import (can have multiple, is required)
-h           print this help message
-i <arg>      Your station ID (required)
-l <arg>      Login details in this form: "<username>;<password>"
              (required)
-nd          Remove duplicate items from playlist and/or queue.
              Playlist(s)/Queue will only contain every item once.
-p <arg>      Playlist to add items to or Remove items from (can have
              multiple, is required)
-pc <arg>     Creates playlist(s) if not exist under specified category.
              shared|station
-pp          Preserve file path (Match on full path). Not recommended if
              you also use web interface to upload as it may cause the same
              file to be added to your library more than once.
-q <arg>      Add items to queue at specified position. top|bottom.
-rbe         Permanently remove all items in Recycle Bin
-rbp         Move all items in selected playlist to Recycle Bin
-x          Delete mode. Remove items instead of adding.

SAMPLE: -l test@web.com;password -i 1354 -f test.m3u -p myPlaylist

NOTE: Use " " to wrap strings with text containing spaces

```

Option Details

-p and -pc: Playlists

If a playlist does not exist, the command fails unless you add -pc. Use -pc station for a playlist that belongs to the selected station, or -pc shared for a playlist that all stations sharing the library can use.

```
-p "Club Mix" -p "Top40" -pc shared
```

-q: Queue

```
-q top
-q bottom
```

-c: Clear before adding

The queue and playlists are cleared before any tracks are added.

```
-c queue -c "Club Mix"
```

-x: Remove tracks

Removes the tracks listed in the playlist file from the playlists given with -p, or from the queue with -q. The tracks stay in your library.

```
-f clubmix.m3u -p "Club Mix" -x
```

-rbp and -rbe: Recycle Bin

- -rbp -p <playlist> moves every track in the SAM Broadcaster Cloud playlist to the Recycle Bin.
- -rbp -f <file> moves every track listed in the playlist file to the Recycle Bin.
- Use either -p or -f with -rbp, not both.
- -rbe permanently deletes everything in the Recycle Bin.

Warning: -rbp moves the tracks out of your library into the Recycle Bin. It does not only remove them from the playlist. -rbe permanently deletes the tracks and cannot be undone.

Examples

Create a station playlist from a playlist file

```
PlaylistUtil -l "<username>;<password>" -i 1234 -f "C:\Playlists\clubmix.m3u" -p clubmix -pc station
```

Remove the tracks in a playlist file from a playlist

```
PlaylistUtil -l "<username>;<password>" -i 1234 -f "/home/radio/playlists/clubmix.m3u" -p clubmix -x
```

Clear the queue, add tracks to a playlist, and remove duplicates

```
PlaylistUtil -l "<username>;<password>" -i 1234 -f "C:\Playlists\clubmix.m3u" -p clubmix -c queue -nd
```

Replace the contents of a playlist

```
PlaylistUtil -l "<username>;<password>" -i 1234 -f "C:\Playlists\clubmix.m3u" -c clubmix -p clubmix
```

Add tracks to the bottom of the queue

```
PlaylistUtil -l "<username>;<password>" -i 1234 -f "/home/radio/playlists/clubmix.m3u" -q bottom
```

Create several shared playlists

```
PlaylistUtil -l "<username>;<password>" -i 1234 -f "C:\Playlists\clubmix.m3u" -p clubmix1 -p clubmix2 -p clubmix3 -pc shared
```

Each of the playlists clubmix1 to clubmix3 now contains the tracks listed in clubmix.m3u.

Move the tracks in a playlist to the Recycle Bin, then empty the Recycle Bin

```
PlaylistUtil -l "<username>;<password>" -i 1234 -p "Old Promos" -rbp  
PlaylistUtil -l "<username>;<password>" -i 1234 -rbe
```

Automating Imports

You can run ImportUtil and PlaylistUtil on a schedule, for example to import an hourly news show or a playlist created by music scheduling software.

- Test each command manually before you schedule it.
- Use full paths for the program, the media folders, and the playlist files.
- Check the log file after the first scheduled run. See Log Files.

Windows: Task Scheduler

1. Open **Task Scheduler** and click **Create Basic Task**.
2. Enter a name, for example **Import news**, and click **Next**.
3. Choose when the task runs, for example **Daily**, and set the time. Click **Next**.
4. Select **Start a program** and click **Next**.
5. In **Program/script**, enter "C:\Program Files (x86)\Spacial\Import Tools\ImportUtil\ImportUtil.exe".
6. In **Add arguments**, enter the ImportUtil options.
7. In **Start in**, enter the folder where output playlists should be saved. Click **Next**, then **Finish**.
8. To run the task when nobody is signed in, open the task's **Properties** and select **Run whether user is logged on or not**.

To upload tracks and add them to the queue in one task, create a batch file and schedule the batch file:

```
@echo off
"C:\Program Files (x86)\Spacial\Import Tools\ImportUtil\ImportUtil.exe" -l
"<username>;<password>" -i 1234 ^
-d "D:\News" -a replace -o "D:\News\news.m3u"
"C:\Program Files (x86)\Spacial\Import Tools\PlaylistUtil\PlaylistUtil.exe" -l
"<username>;<password>" -i 1234 ^
-f "D:\News\news.m3u" -q top
```

Linux and macOS: cron

1. Create a script, for example /home/radio/import-news.sh:

```
#!/bin/sh
/opt/importutil/bin/ImportUtil -l "<username>;<password>" -i 1234 \
-d /home/radio/news -a replace -o /home/radio/news.m3u
/opt/playlistutil/bin/PlaylistUtil -l "<username>;<password>" -i 1234 \
-f /home/radio/news.m3u -q top
```

2. Make the script executable and readable only by you: `chmod 700 /home/radio/import-news.sh`
3. Run `crontab -e` and add a line. This example runs the script five minutes past every hour:

```
5 * * * * /home/radio/import-news.sh >> /home/radio/import-news.log 2>&1
```

Note: On macOS, use the macOS program paths shown in Running the Command-Line Tools. If the media files are in a protected folder such as Documents or Desktop, give cron access in **System Settings > Privacy & Security > Full Disk Access**.

Log Files and Troubleshooting

Log Files

Library Importer, ImportUtil, and PlaylistUtil write to the same log file:

Platform	Log file
Windows	%USERPROFILE%\spacial\library-importer\log\ImportUtil.log
Linux and macOS	~/spacial/library-importer/log/ImportUtil.log

A new log file is started every day. Older log files are compressed, for example ImportUtil-2026-09-27.log.1.gz. In Library Importer, choose **Window > Log Viewer** to see the log.

Common Problems

Message or problem	Solution
Login details not received in the correct format	Type your login details as -l "<username>;<password>", including the quotes and the semicolon.
StationId is a required parameter	Add -i followed by your station ID.
... is not a valid Directory	Check that the folder exists. On Windows, remove any backslash at the end of the quoted path.
Not a valid file on disk	Check the file path and the quotes.
could not be opened for reading or is not an accepted audio format	Check that the file is readable and is a supported audio format.
is a duplicate file ... so we are skipping this file	A track with the same name is already being uploaded or is in the library. See How SAM Broadcaster Cloud Detects Duplicate Tracks.
File Mask (-m) option can only be used with ...	Add -d or -s.
... can only be used if -a is set to new	Remove -n, or use -a new.
-p <arg> or -q top bottom should be specified	Add -p <playlist> or -q top bottom.
Output file exists. We will override it	Information only. Use another -o file name to keep the old file.
There is a newer version available for download	Information only. Install the latest version when convenient.
The Windows command window closes immediately	Run the tool from Command Prompt or PowerShell instead of the Start menu. See Running the Command-Line Tools.
Linux: dependency error, for example for libasound2t64	Your distribution is older than supported. Use Ubuntu 24.04 LTS or later, or Debian 13 or later.
macOS: the application cannot be opened	Open System Settings > Privacy & Security and click Open Anyway .

Getting Help

Visit support.spacial.com or email support@spacial.com. Include:

- The version number. Run `ImportUtil -v`, or choose **Help > About** in Library Importer.

- Your operating system and version.
- The command you ran, with your password removed.
- The log file, ideally from a run with `-level DEBUG`.



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