

Film Scoring File Rename Shell Script

A macOS shell script designed to automatically rename audio files according to Berklee College of Music's Film Scoring department professional naming conventions. Perfect for streamlining your Pro Tools™ Interchange process when preparing submissions for scoring sessions.

What This Script Does

Transforms audio filenames as they get exported from Cubase™ into clean, professional naming conventions:

- **Input:** `2m04_Violin 1.wav`, `1m12_trumpet_TBR.aiff`, `3m01_synth piano.mp3`
- **Output:** `2m04_STR_vln1.wav`, `1m12_BRS_tpt_TBR.aiff`, `3m01_SYN_synthpiano.mp3`

Features

- **Smart Instrument Recognition:** Automatically categorizes 100+ instruments into orchestral and non-orchestral sections
- **Flexible Input:** Handles various naming styles, spaces, uppercase/lowercase
- **Professional Output:** Consistent, Berklee-compliant file naming
- **Conflict Resolution:** Prevents file overwrites with intelligent naming
- **Comprehensive Logging:** Track all changes with timestamped logs
- **macOS Automator Integration:** Right-click contextual menu functionality via native Automator.app


Installation & Setup

Prerequisites

- **macOS** (tested on macOS 15 - Sequoia)
- Basic familiarity with Finder


Simple Installation Process

1. **Double-click** the `FilmScoringRename.workflow` file
2. **Click "Install"** when prompted
3. **Click "Install" again** when asked if you're sure you want to install
4. **That's it!** The Quick Action is now available in Finder

 **Note:** The `FilmScoringRename.workflow` file will be moved to your system during installation and will no longer be visible in this folder.

How It Works

1. **Select your audio files** in Finder
2. **Right-click → Quick Actions → FilmScoringRename**
3. **New folder created** with your files copied inside
4. **Files are renamed** in the new folder according to Berklee conventions
5. **Automatic log created** showing all changes with timestamps
6. **Completion notification** appears when finished
7. **Original files remain completely safe** in their original location

 **Safety Feature:** This workflow creates a copy of your files in a new folder before renaming, so your original files remain completely safe!

What Gets Logged

- Timestamped log file created in the new renamed folder
- Format: `FilmScoring_Rename_Log_YYYYMMDD_HHMMSS.txt`
- Shows: `OriginalFilename --> NewFilename` for each processed file
- Includes start and completion timestamps

Requirements

- **OS:** macOS (uses Automator.app)
- **File Types:** `.wav`, `.aiff`, `.mp3`
- **Naming Format:** `CueID_InstrumentName[_TBR|_TBL].ext`

CueID Format Flexibility

The script handles various CueID naming conventions:

- **Single-digit reel, single-digit cue:** `1m2`, `5m7`
- **Single-digit reel, double-digit cue:** `2m04`, `3m15`
- **Double-digit reel, single-digit cue:** `12m3`, `10m8`
- **Double-digit reel, double-digit cue:** `12m15`, `25m42`

Supported Instruments & Sections

The script recognizes instruments across all major orchestral sections:

- **Strings (STR):** violin, viola, cello, contrabass etc.
- **Woodwinds (WW):** flute, oboe, clarinet, bassoon, etc.
- **Brass (BRS):** trumpet, trombone, French horn, tuba etc.
- **Percussion (PRC):** timpani, snare, cymbals, xylophone, etc.
- **Keyboards & Harp (KBHRP):** piano, organ, celeste, harp
- **Special Categories:** Effects (§), Synths (SYN), Click tracks (CLK)

Documentation

- **Detailed Naming Conventions:** Complete technical reference for all supported instruments and naming rules

Important Notes

- **Complete File Safety:** Creates copies in new folder - original files remain completely untouched
- **Audio Files Only:** Only processes `.wav`, `.aiff`, and `.mp3` files
- **Naming Requirements:** Files must follow `CueID_InstrumentName[_TBR|_TBL].ext` format
- **Unrecognized Instruments:** Files with unknown instrument names get flagged as `CueID_RenameManually!_OriginalName.ext` for manual review
- **Automator Designed:** This script is specifically designed for use with macOS Automator Quick Actions
- **No Backup Needed:** Since originals are preserved, no backup is necessary





Perfect For

- **Berklee Film Scoring Students:** Comply with department standards
- **Professional Composers:** Streamline Pro Tools™ sessions
- **Audio Engineers:** Organize large orchestral projects
- **Anyone:** Working with film scoring audio files

Example Transformations

Input File	Output File	Section
2m04_Violin 1.wav	2m04_STR_vln1.wav	Strings
3m1_violin2.aiff	3m1_STR_vln2.aiff	Strings
12m15_trumpet_TBR.aiff	12m15_BRS_tpt_TBR.aiff	Brass
4m08_Low Brass.wav	4m08_BRS_lowbrass.wav	Brass
2m15_synth pad.mp3	2m15_SYN_synthpad.mp3	Synth
1m05_Reference Mix.wav	1m05_MIX_referencemix.wav	Mix
3m01_reverb.mp3	3m01_§_reverb.mp3	Effects
4m05_click.wav	4m05_CLK.wav	Click Track
5m12_banjo.wav	5m12_RenameManually!_banjo.wav	Unrecognized

Version 1.1 Features

-  Automatic log generation with timestamps
-  Complete rename tracking and audit trail
-  Enhanced conflict resolution
-  Improved error handling

Support & Contributing

- **Issues:** [GitHub Issues](#)
- **Email:** nettanettanetta+software@gmail.com
- **Contributing:** Pull requests welcome!



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Developed for the Berklee College of Music Film Scoring community 🎬 🎵