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)
- Automator.app (pre-installed on macOS)
- · Basic familiarity with Finder

Automator Integration Setup

- 1. Download FilmScoringFileRenameShellV1.1 from this repository
- 2. Open macOS Automator.app
- 3. Create a new Quick Action
- 4. Set workflow to receive "files or folders" in Finder
- 5. Add the following actions in order:
 - o "New Folder" action
 - Name: Auto Film Score Rename
 - Where: Same Folder as Input
 - o "Get Folder Contents" action
 - Check "Repeat for each subfolder found"
 - "Run Shell Script" action
 - Shell: /bin/bash
 - Pass input: as arguments

- Copy and paste the entire script content into the text area
- 6. Save as "FilmScoringRename" (or your preferred name)

Usage: Select audio files in Finder → Right-click → Quick Actions → FilmScoringRename

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

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

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

CuelD Format Flexibility

The script handles various CuelD 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

- 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

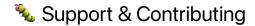
- Berklee Film Scoring Students: Comply with department standards
- **Professional Composers**: Streamline Pro Tools™ sessions
- Audio Engineers: Organize large orchestral projects
- Anyone: Working with film scoring audio files

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

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



• Issues: GitHub Issues

• Email: nettanetta+software@gmail.com

• **Contributing**: Pull requests welcome!



Open source - feel free to modify and distribute.

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