

Naming Conventions - Technical Reference

This document provides the complete technical specification for the Film Scoring File Rename Shell Script's naming conventions and instrument mappings.

Supported Naming Conventions

Input Filename Format

- The script expects files to be named as:

`CueID_InstrumentName[_TBR|_TBL].ext`

- CueID:** Any string following reel/cue format (e.g., 2m04, 12m15, 3m1)
 - Supports 1-2 digit reel numbers and 1-2 digit cue numbers
 - Examples: 1m2, 2m04, 12m3, 25m42
- InstrumentName:** Instrument or section name (see below)
- _TBR** or **_TBL** (optional): Suffix for Take B Right/Left (case-insensitive)
- .ext:** Supported extensions are **.wav**, **.aiff**, **.mp3** (case-insensitive)

File Processing Requirements

- Audio files only:** Non-audio files are automatically skipped
- Exact format required:** Filenames must contain exactly one underscore (excluding **_TBR/_TBL**)
- Invalid formats skipped:** Files not matching the expected pattern are ignored
- Duplicate protection:** Uses `mv -n` to prevent overwriting existing files
- Safe processing:** When used with Automator workflow, creates copies before renaming

Instrument and Section Mapping

- Greedy prefix matching:** Longest matching prefix wins (e.g., **vln**, **violin**, **fl**, **flute**, etc.)
- Multi-word names supported:** Spaces are normalized during matching (e.g., **Synth Piano**, **Synth Strings**)
- Section keywords:** If no prefix match is found, checks for section keywords anywhere in the name:
 - brass**, **brs** → BRS section
 - winds**, **ww**, **woodwinds** → WW section
 - strings**, **str** → STR section
 - percussion**, **prc**, **perc** → PRC section
 - mixbus**, **mix bus** → MIX section
- Effect tracks:** If instrument name contains effect keywords (**delay**, **reverb**, **chorus**, **eq**, **fx**, etc.), section is set to **\$** and the original instrument name is preserved
- Synth instruments:** Any instrument name containing **synth** is assigned section **SYN** and keeps the original instrument name
- Click tracks:** **click** or **clk** are handled specially - renamed to **CueID_CLK** with no section prefix
- Case insensitive:** All matching is case-insensitive
- Unmapped instruments:** Names that don't match any pattern are flagged as **RenameManually!**

Output Filename Format

- Renamed as: `CueID_SECTION_ABBR[Suffix][_TBR|_TBL].ext`
 - For **effect tracks**: `CueID_$_OriginalInstrumentName[_TBR|_TBL].ext`
 - For **synth instruments**: `CueID_SYN_OriginalInstrumentName[_TBR|_TBL].ext`
 - For **click tracks**: `CueID_CLK.ext` (no section prefix)
 - For **unmapped instruments**:
`CueID_RenameManually!_OriginalInstrumentName[_TBR|_TBL].ext`
- If a filename conflict occurs, the original instrument name is appended in parentheses: `(OriginalInstrument)`
- For multiple conflicts, a counter is added: `(OriginalInstrument_2)`, `(OriginalInstrument_3)`, etc.

Version 1.1 Features

- Automatic Log Generation**: Creates a timestamped log file in the renamed folder
- Rename Tracking**: Log shows original filename → new filename for each processed file
- Complete Audit Trail**: Includes start/completion timestamps and log file location

Examples

Standard Instrument Mapping

- `2m04_Violin 1.wav` → `2m04_STR_vln1.wav`
- `4m05_violin2.wav` → `4m05_STR_vln2.wav`
- `1m12_trumpet_TBR.aiff` → `1m12_BRS_tpt_TBR.aiff`
- `3m01_flute.mp3` → `3m01_WW_fl.mp3`

Section Keywords

- `2m04_strings.wav` → `2m04_STR_str.wav`
- `1m12_brass.aiff` → `1m12_BRS_brs.aiff`
- `3m01_woodwinds.mp3` → `3m01_WW_ww.mp3`

Special Cases

- `2m04_click.wav` → `2m04_CLK.wav` (no section)
- `1m12_synth piano.aiff` → `1m12_SYN_synthpiano.aiff`
- `3m01_reverb.mp3` → `3m01_$_reverb.mp3`
- `4m05_guitar.wav` → `4m05_RenameManually!_guitar.wav` (unmapped)

Conflict Resolution

- If `2m04_STR_vln.wav` already exists:
 - `2m04_violin.wav` → `2m04_STR_vln(violin).wav`
- If that also exists:
 - Next file → `2m04_STR_vln(violin_2).wav`

Bug Reports & Contact

- For bug fixes, feature requests, or questions, please reach out via GitHub issues or email:
- **Issues:** [GitHub Issues](#)
- **Email:** nettanettanetta+software@gmail.com

Please include example filenames and a description of the issue when reporting bugs.