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MYRIAD

USER GUIDE

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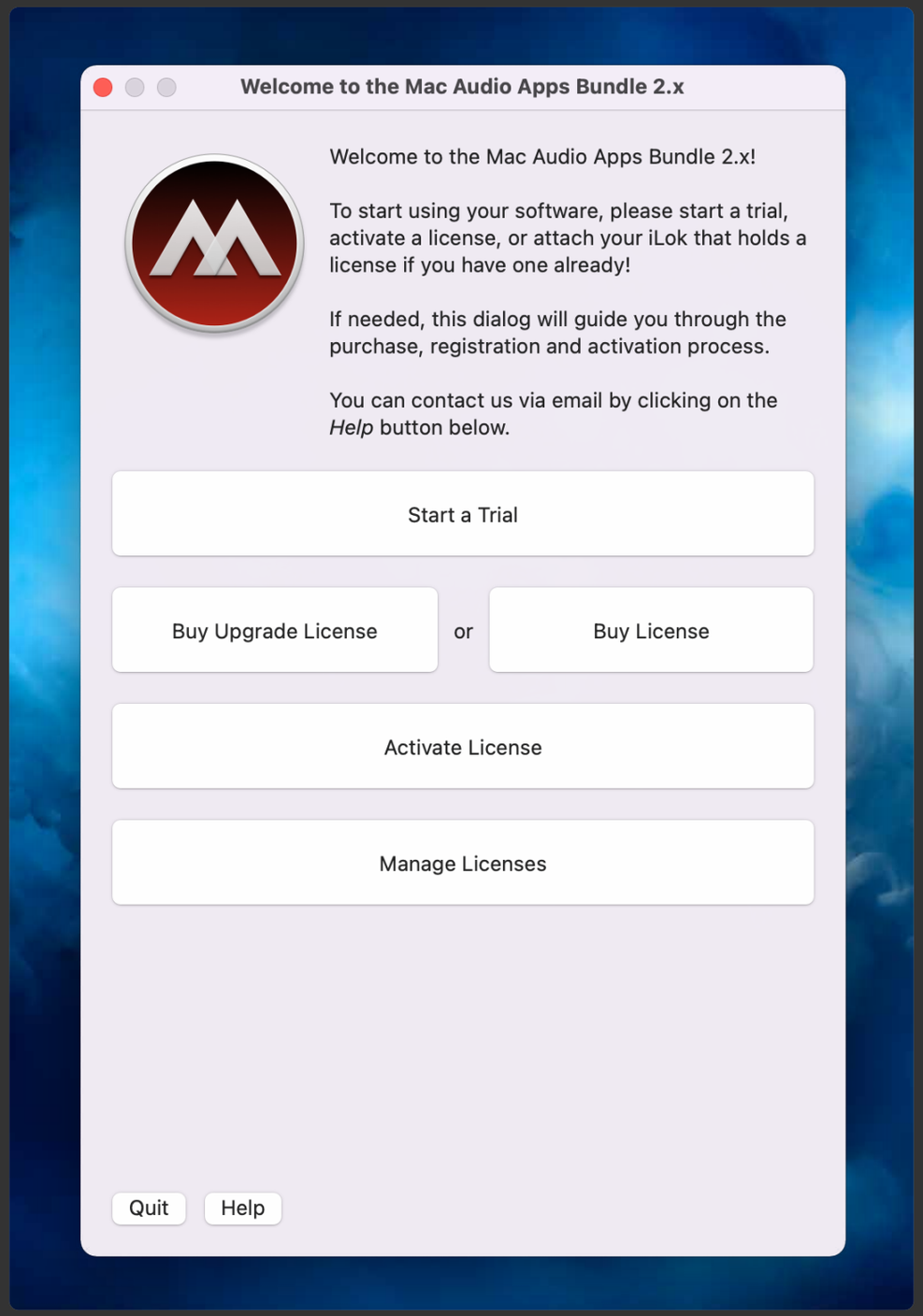
THE GUIDE AT A GLANCE



MYRIAD uses PACE copy protection, and needs a license to run.

When MYRIAD is first launched, and no license is found, you will be guided through the process of starting a trial, buying a license, activating a license, or managing your licenses in the Activation dialog.

The licensing and activation process is covered in detail in a separate document, which was installed along with MYRIAD.

Please refer to:

Mac Audio Apps License Management Guide.pdf

in:

Applications/Zynaptiq MYRIAD/Documentation

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CHAPTER 1

BASICS

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1.1

INTRO TO MYRIAD

MYRIAD's user interface in optional new Dark Mode

MYRIAD has three main windows: **Files**, **Waveform**, and **Workflow**. These can be toggled via the Window menu or key commands: ⌘-1 for Files, ⌘-2 for Waveform, and ⌘-3 for Workflow.

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FILES WINDOW

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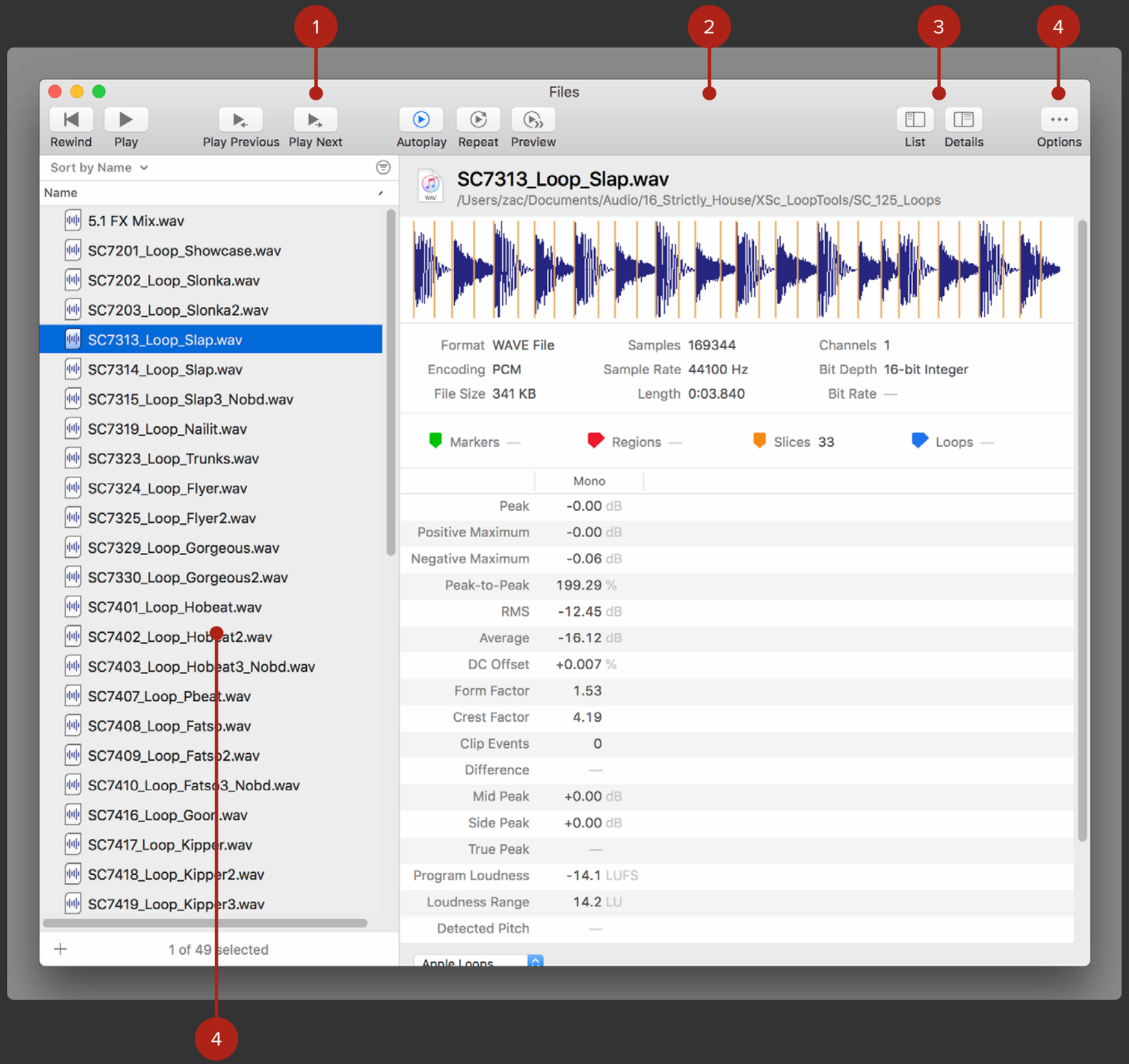
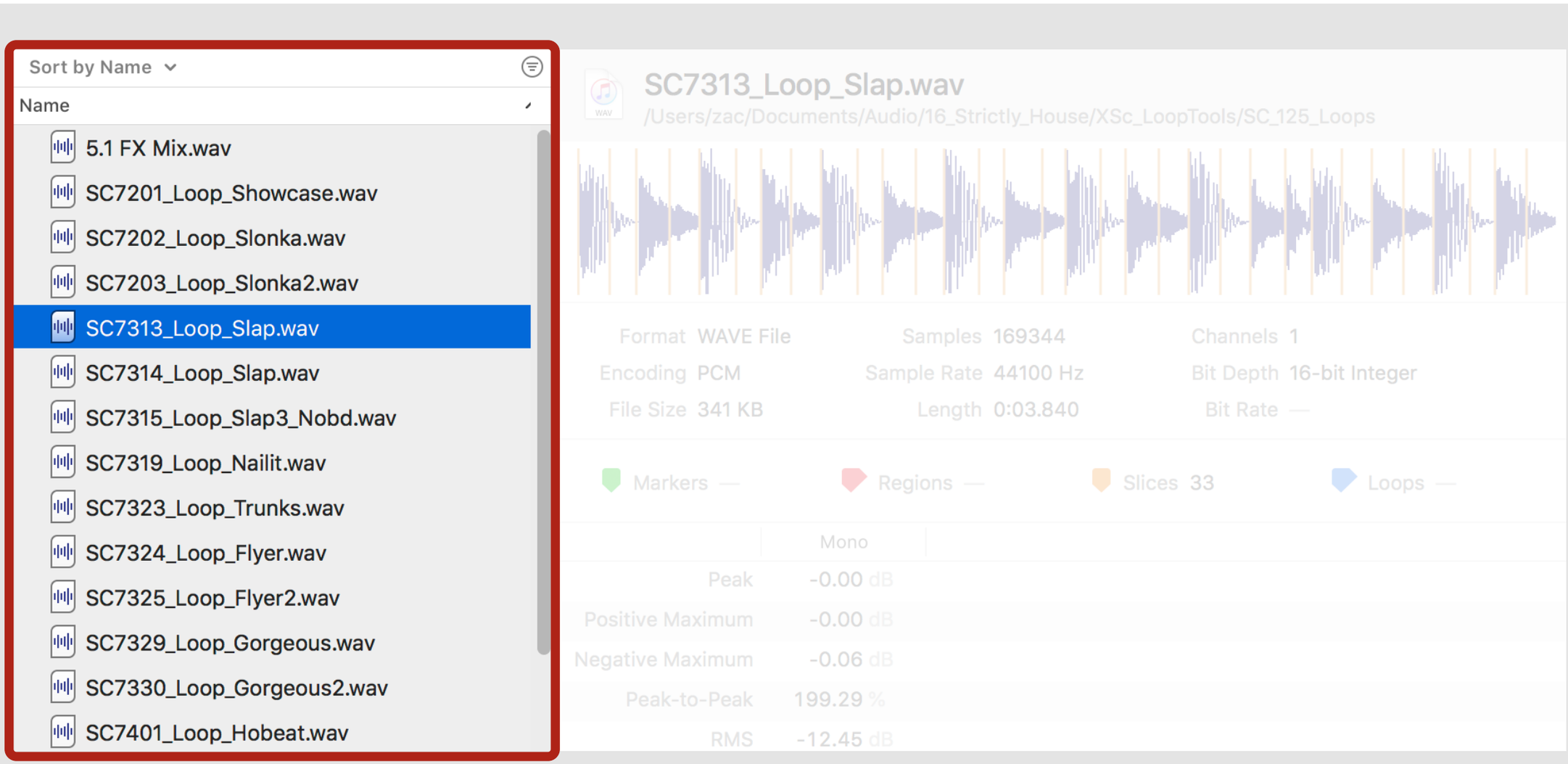


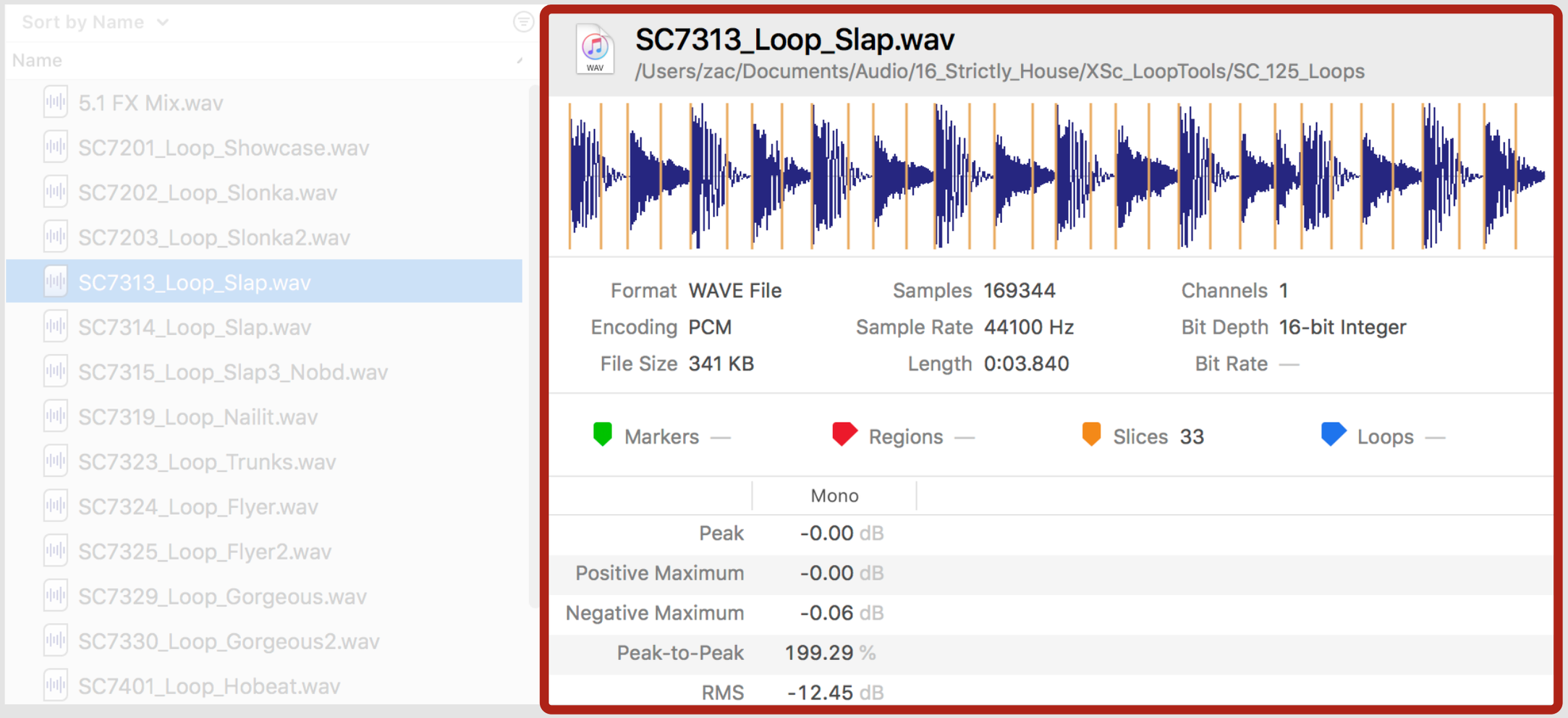
FILES WINDOW

1. Transport Controls
2. Customizable Overview
3. Show/Hide List & Details Panes
4. Files List
5. Overview Display Options



FILES LIST

The Files List shows all files that have been added to MYRIAD for processing.



OVERVIEW

The Overview displays a selected audio file's name and file path, and features user-configurable details about the file, including audio waveform display, Labels such as Slices and Regions, file analysis, properties, column display options, and more.

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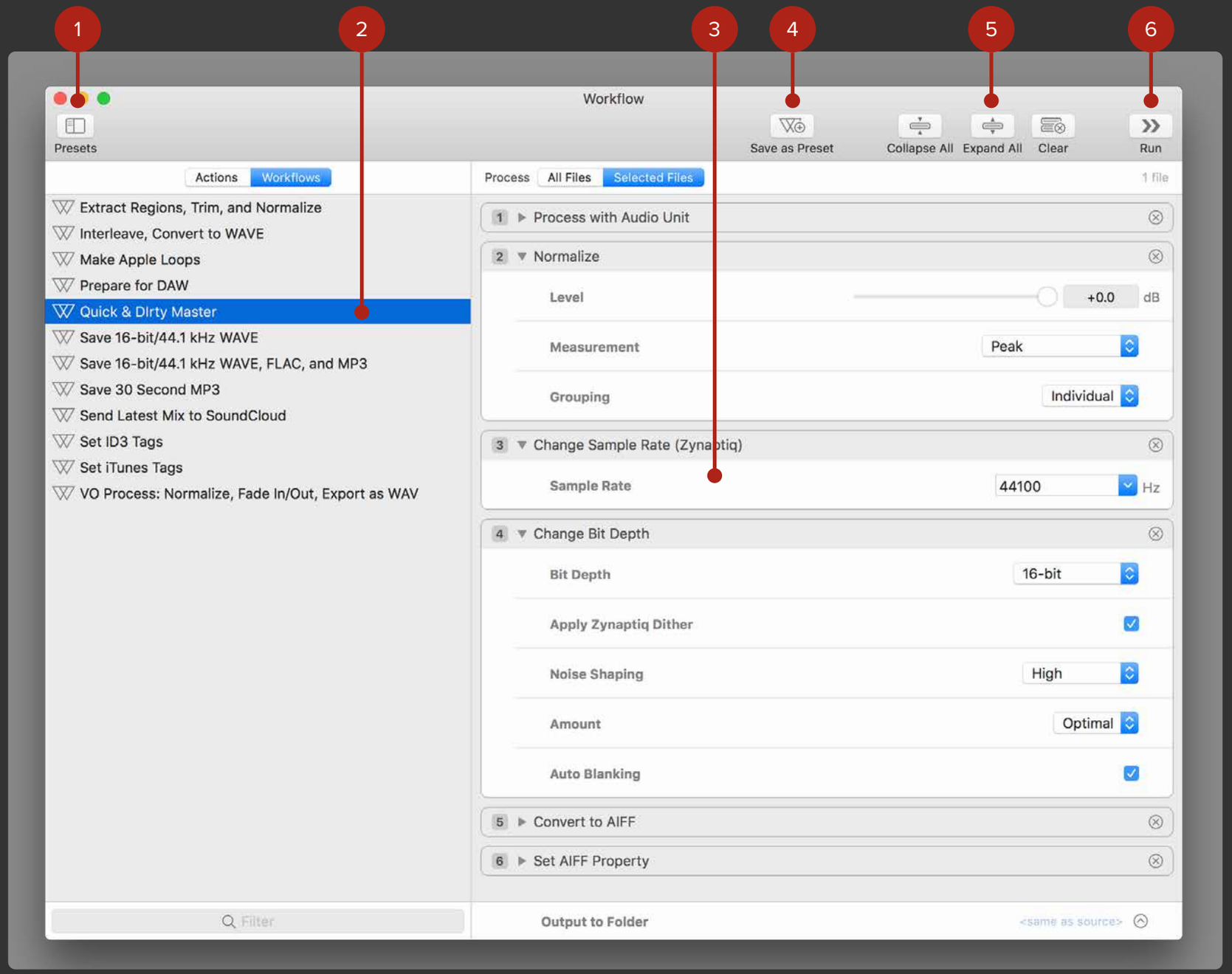
WORKFLOW WINDOW



WORKFLOW WINDOW

1. Show/Hide Presets Pane
2. A Selected Workflow
3. Detail of Actions in Selected Workflow
4. Save Workflow as Preset
5. Collapse/Expand/Clear Actions
6. Run Workflow

ACTIONS LIST

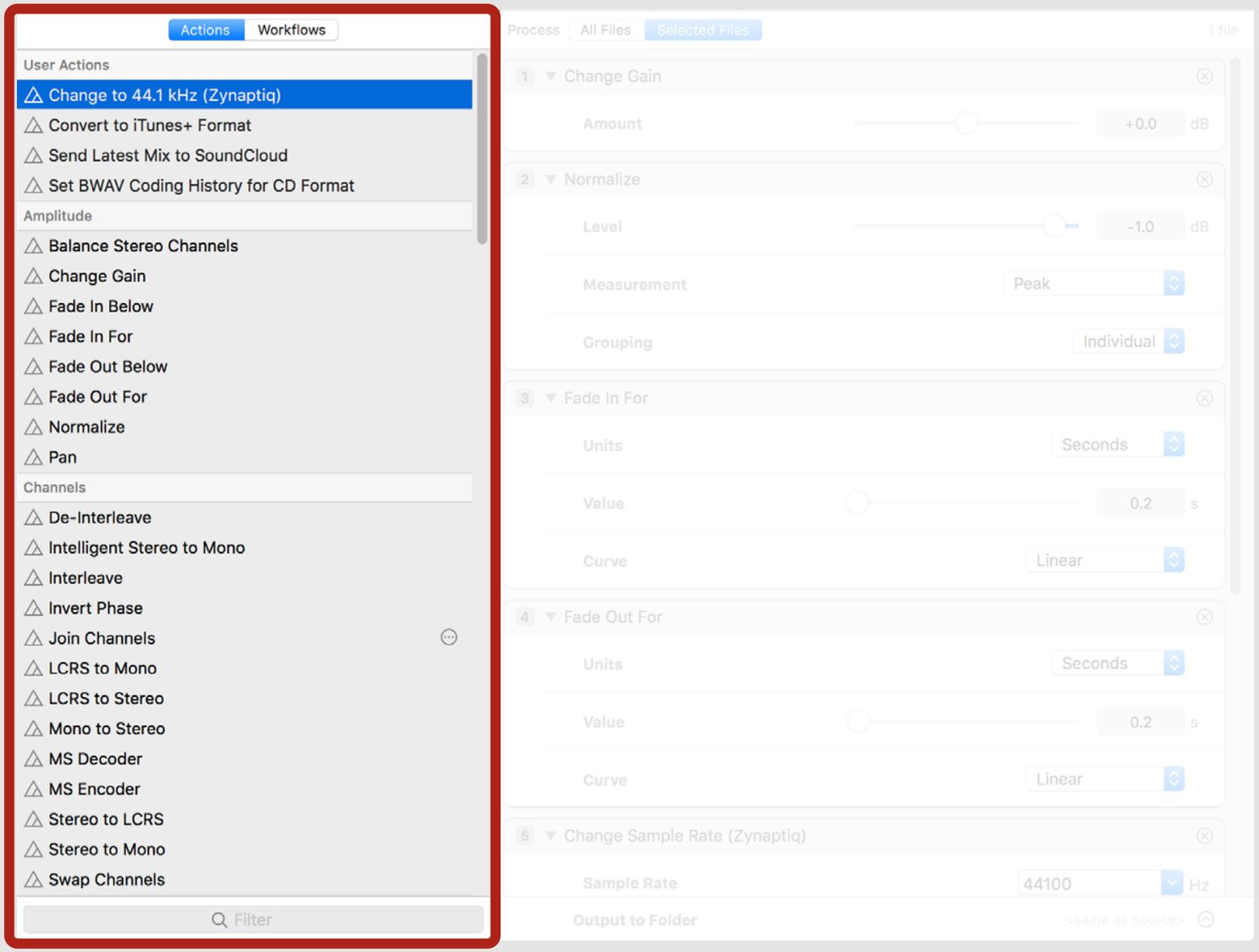
This list displays all available Actions.

Each Action offers a single process, for example, normalizing an audio file, or perhaps uploading a new track to SoundCloud.

Actions offer a convenient way to batch process many files in a similar way, and dozens of common operations are included in the Actions list.

When an Action's parameters are changed and saved, they are known as **User Actions**.

Need to string together multiple Actions? Read on to learn about creating Workflows.



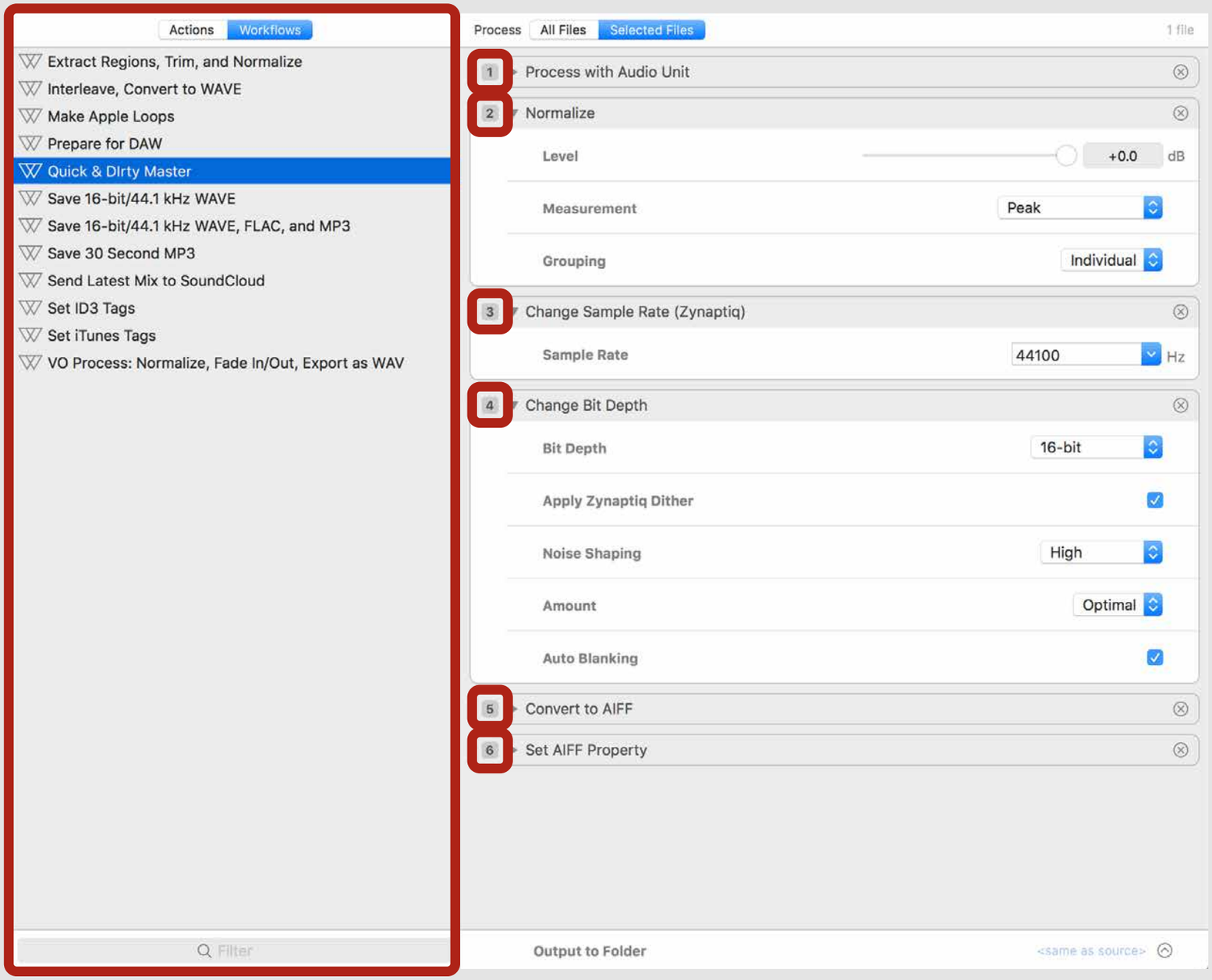
WORKFLOWS LIST

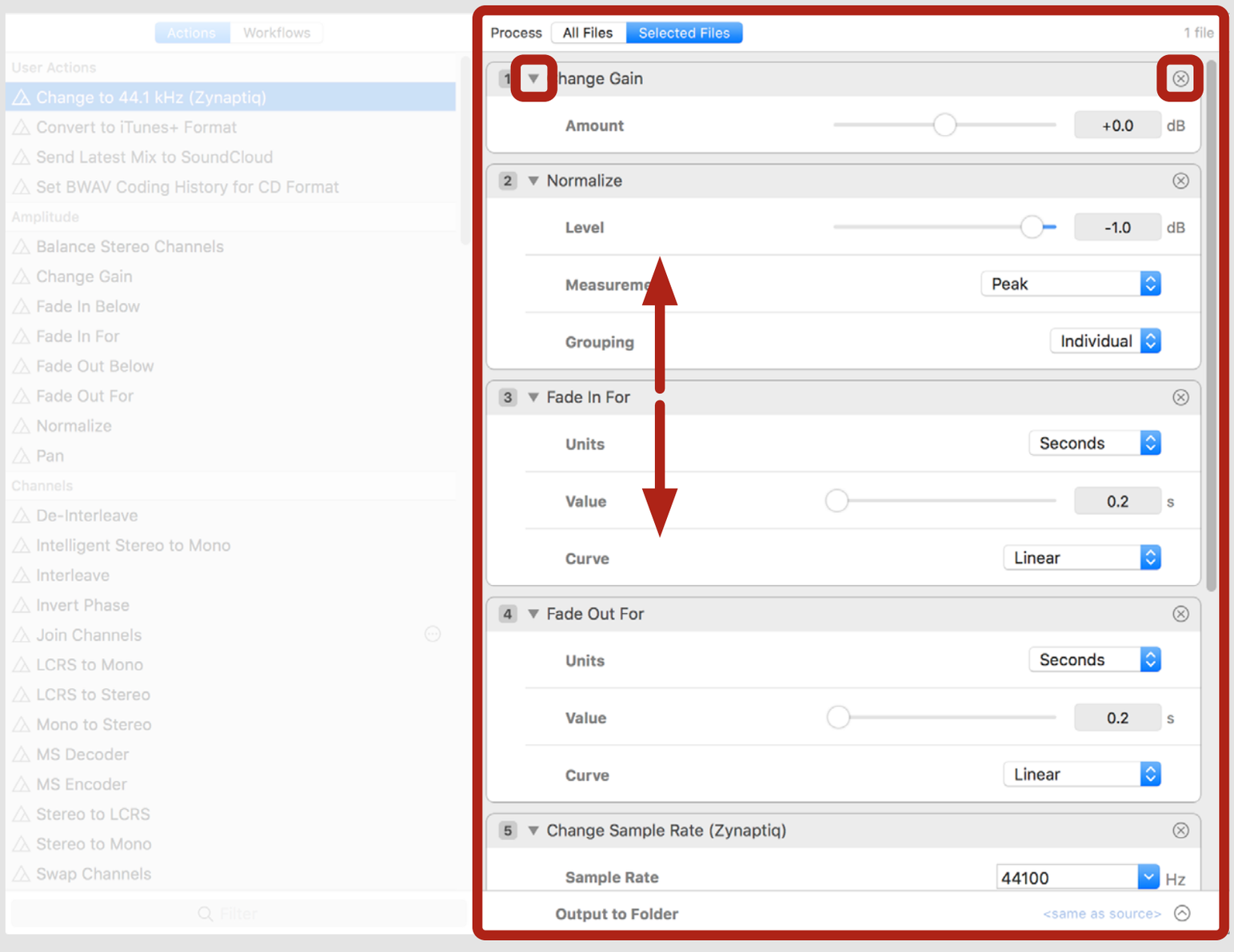
This list displays all available Workflows – which are collections of Actions, strung together to automate more complex tasks.

For example, the selected Workflow in this figure called **Quick & Dirty Master** is composed of six individual Actions:

1. **The audio file is first processed with an Audio Unit plug-in...**
2. **Then normalized...**
3. **Sample rate converted to 44.1 kHz...**
4. **Dithered to 16-bit...**
5. **Converted to AIFF...**
6. **Tagged with AIFF Property tags.**

Workflows can be whatever you need them to be – they automate repetitive processing tasks and save your valuable time!





PROCESS AREA

The Process Area appears to the right of the Actions/Workflows Lists, and shows the available controls and parameters for the Actions that have been added to the Process Area (or saved Workflows that have been loaded into the Process Area).

You can show/hide the parameters for individual Actions, and also drag them up or down in to re-order their position in the processing chain.

Unwanted Actions can be removed by clicking the **X** in an Action's header bar.

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WAVEFORM WINDOW

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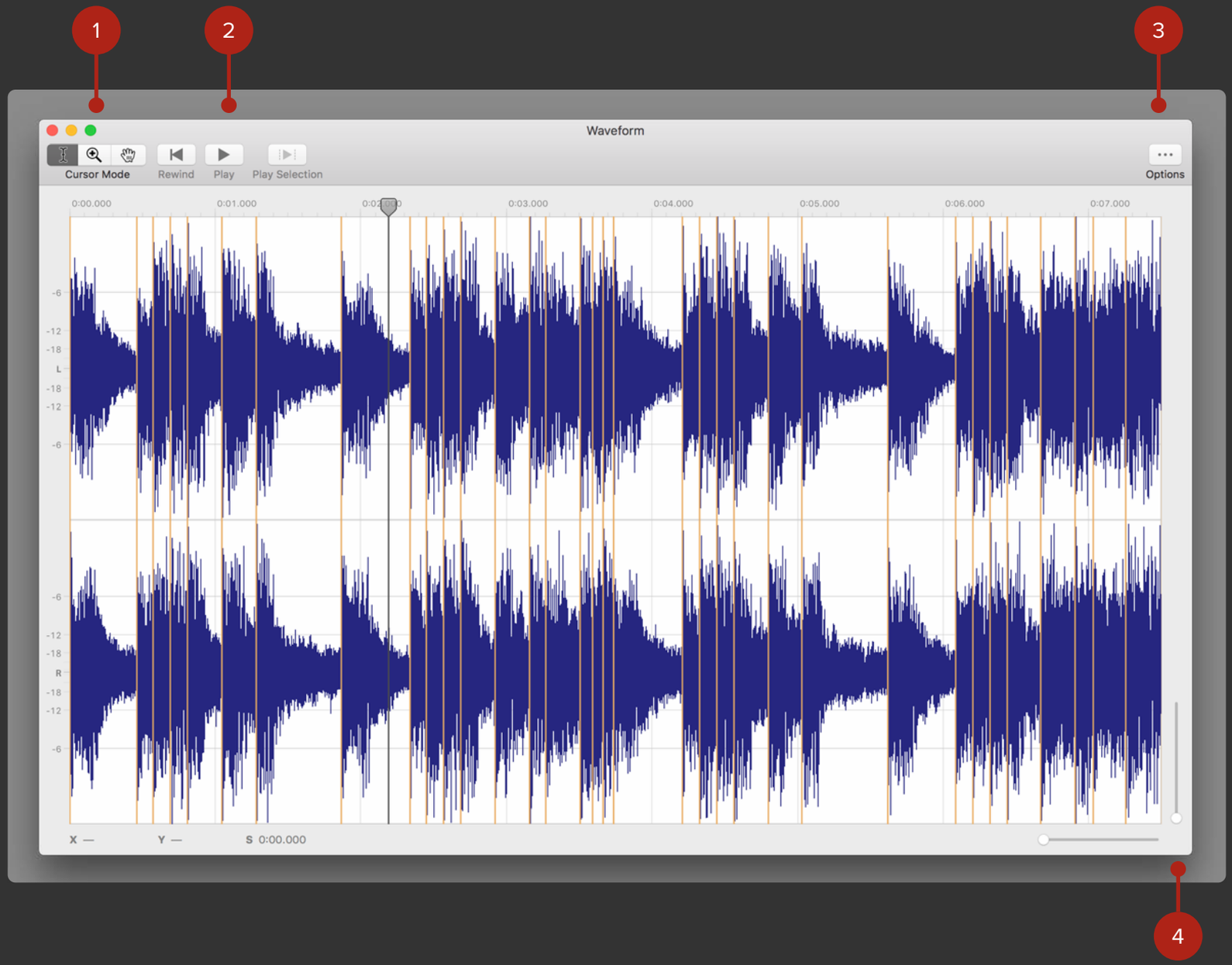
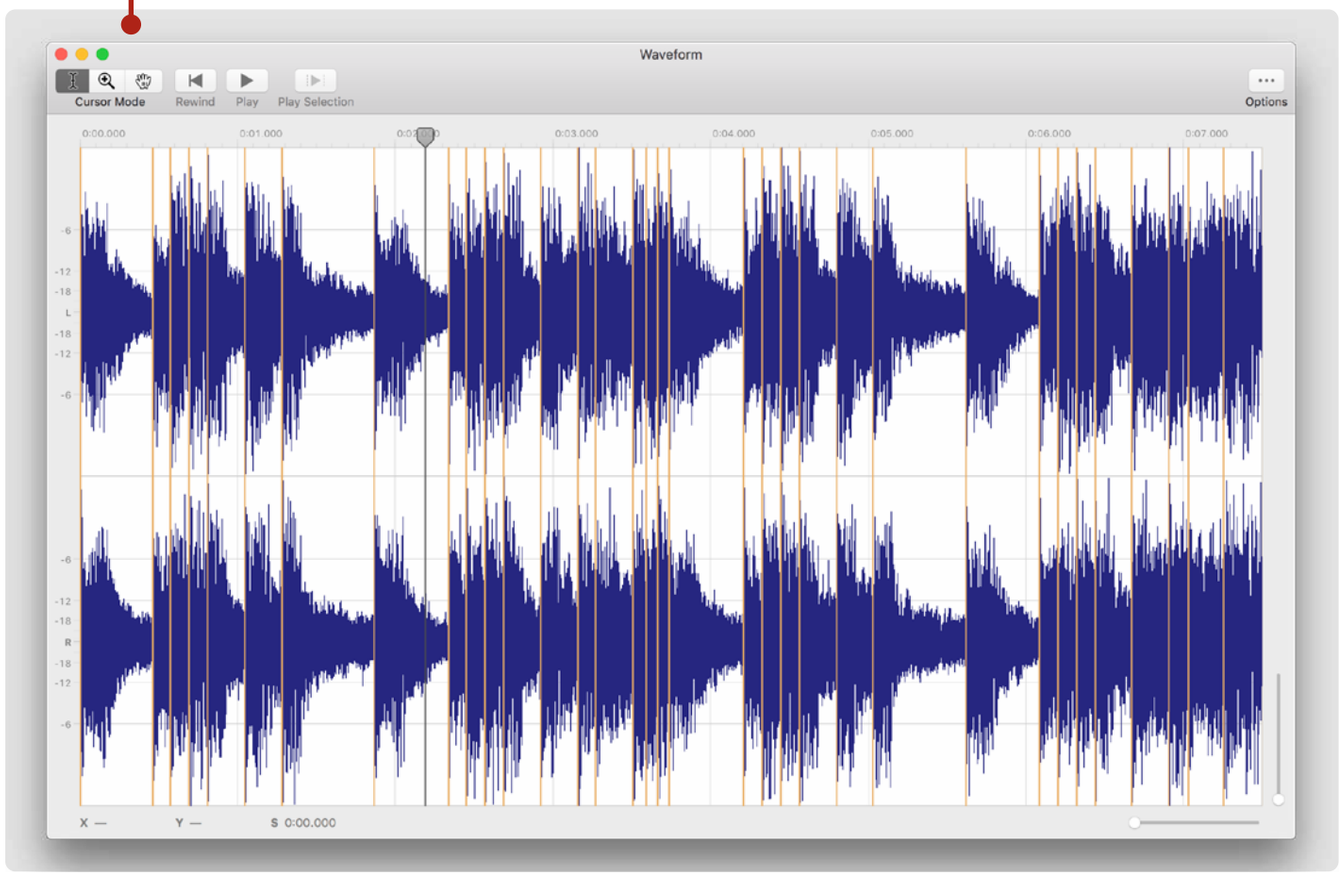


WAVEFORM WINDOW

1. Waveform Controls
2. Transport Controls
3. View Options
4. Zoom Controls



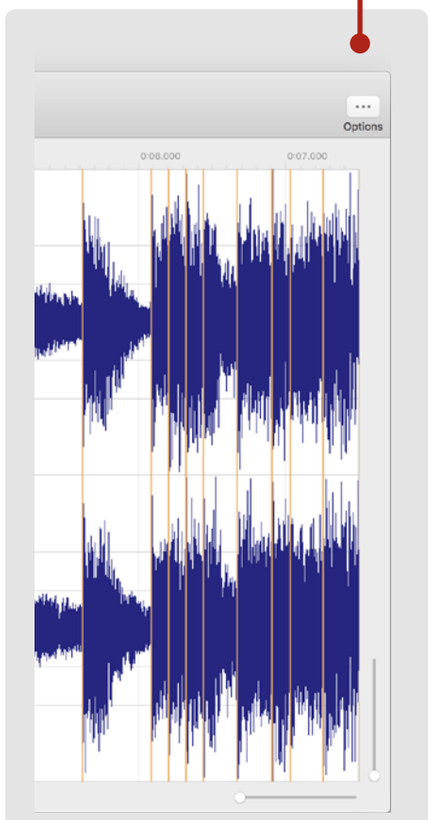
WAVEFORM CONTROLS

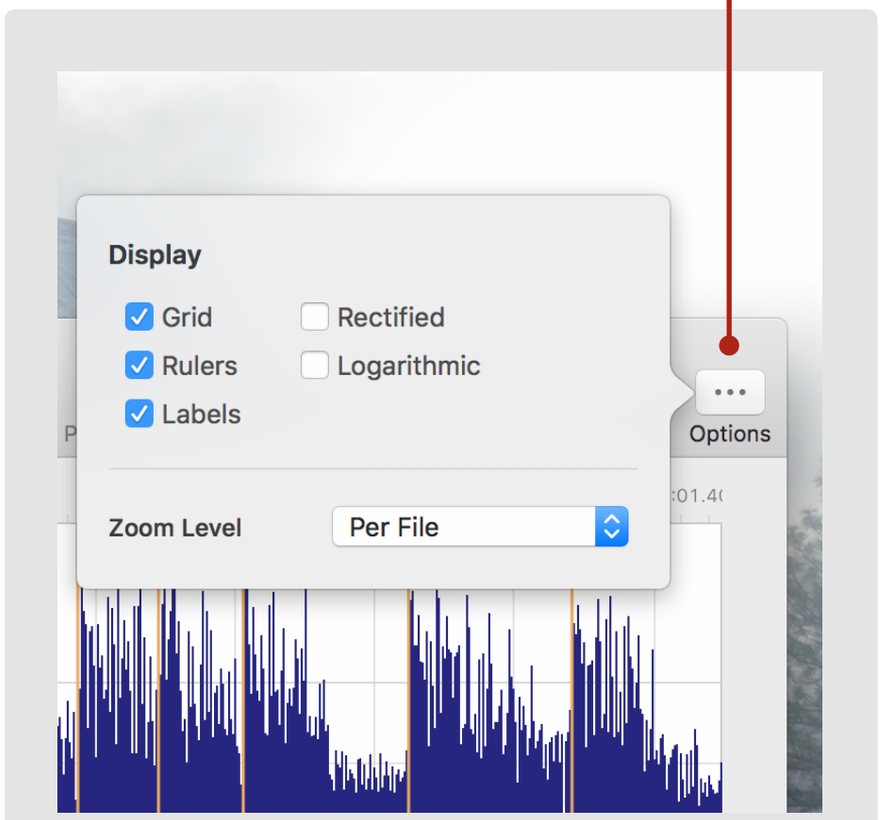
Cursor: This is the default mode. In this mode, you can make selections in the waveform for measurement or Crop and Snip.

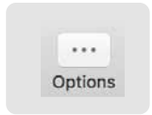
Magnifier: Use the Magnifier to control magnification of the Waveform. Press the Option key to zoom out.

Hand: Use the Hand to navigate the waveform.

Reset: Resets the waveform to the default view.





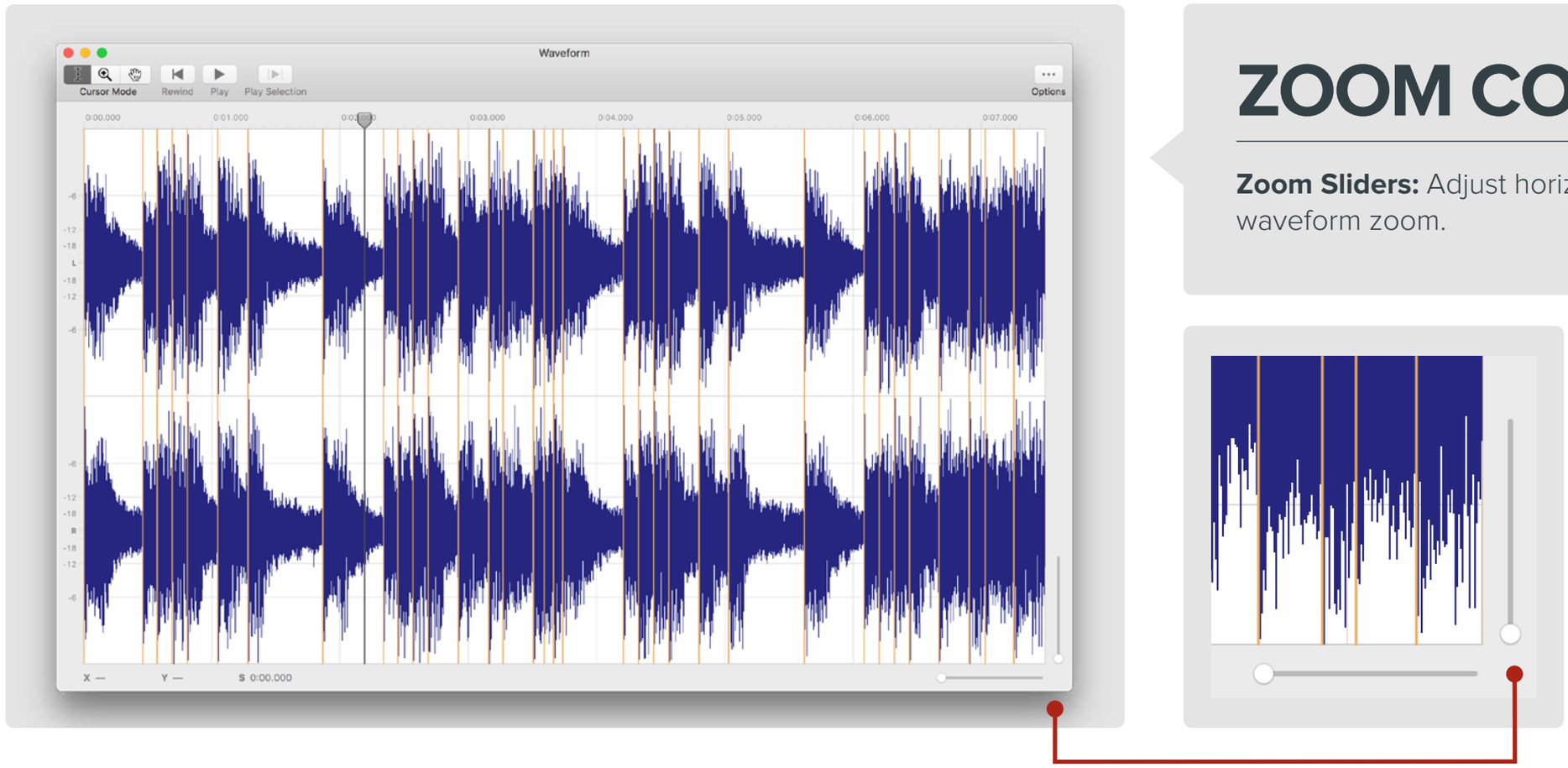


VIEW OPTIONS

Display: Toggle the display of Labels, as well as the grid and rulers.

Rectified: There is an option for a Rectified view of the waveform where the positive and negative amplitudes are summed together to create a single positive value display which makes it easier and clearer to view peaks.

Logarithmic: Calculates the waveform display logarithmically.



ZOOM CONTROLS

Zoom Sliders: Adjust horizontal and vertical waveform zoom.

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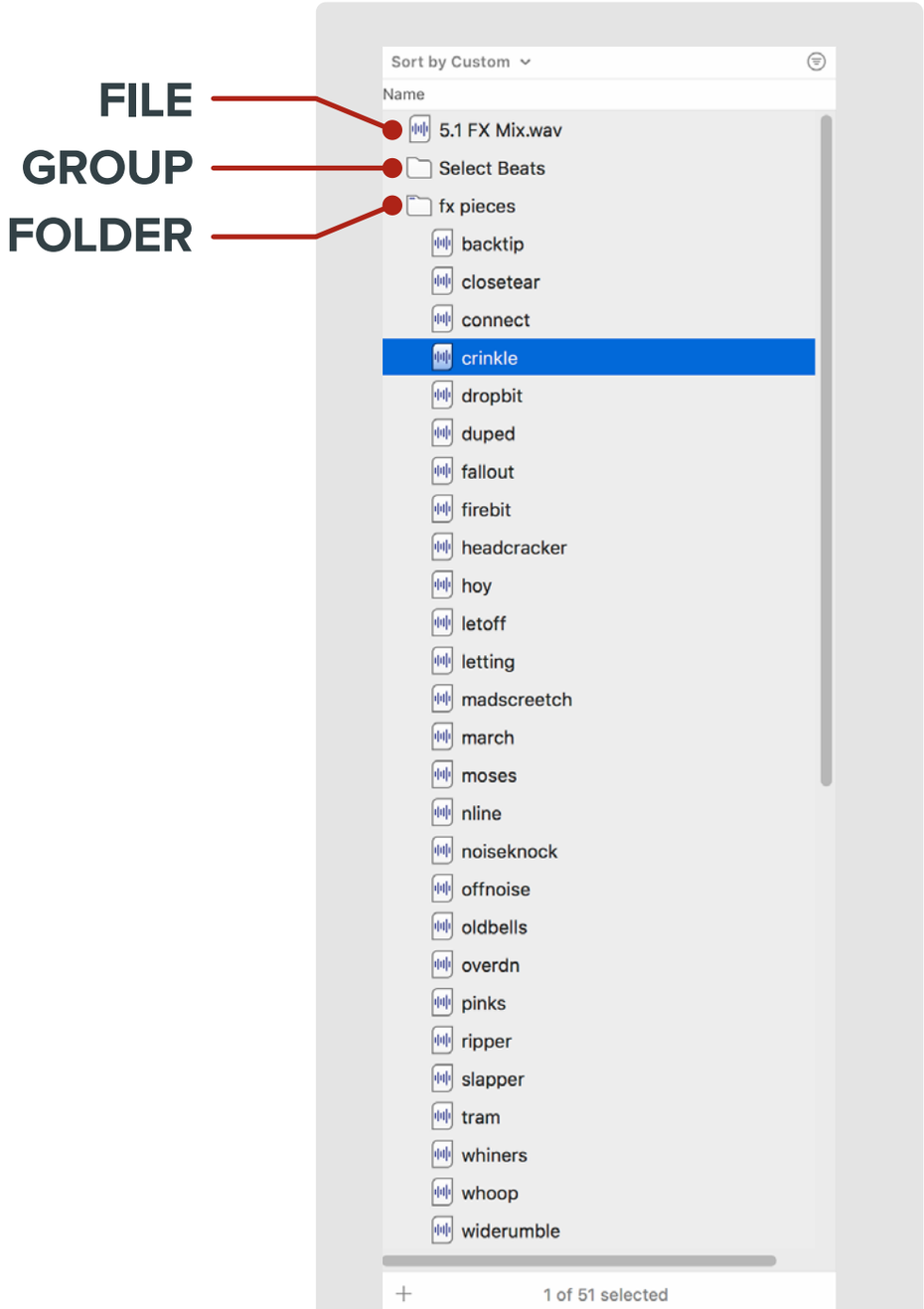
WORKING IN MYRIAD

Using MYRIAD is as easy as... 1 Add files to the **Files List**. 2 Drag Actions from the **Actions List** to the **Workflow** and configure them. 3 Run your Workflow and let MYRIAD do the heavy lifting while you get back to doing what you do best: creating great sounds and music. Read on to learn the finer points, and the great power that MYRIAD provides.



ADDING FILES

To add files to the Files List, drag and drop audio files or folders of audio files into the list. Alternatively, you can choose Add Files... (⌘-O) from the File menu or click the "**+**" button at the lower left of the Files List.

Files: Individual files added to the list will be displayed as individual files.

Folders: Folders of audio files added to the list will be displayed as folders and will mirror the file system. Thus, if you remove files from a folder in the Finder, they will no longer be visible in the folder in the Files List.

Groups: Groups in the File List are arbitrary lists of files, Folders or other Groups. To create a Group, choose New Group (⌘-N) from the File menu. You can also create a new Group from selected files by choosing New Group from Selection (Option-⌘-G) from the File menu. Add or remove items from Groups via drag-and-drop. Selecting a Group is equivalent to selecting the contents of the Group.

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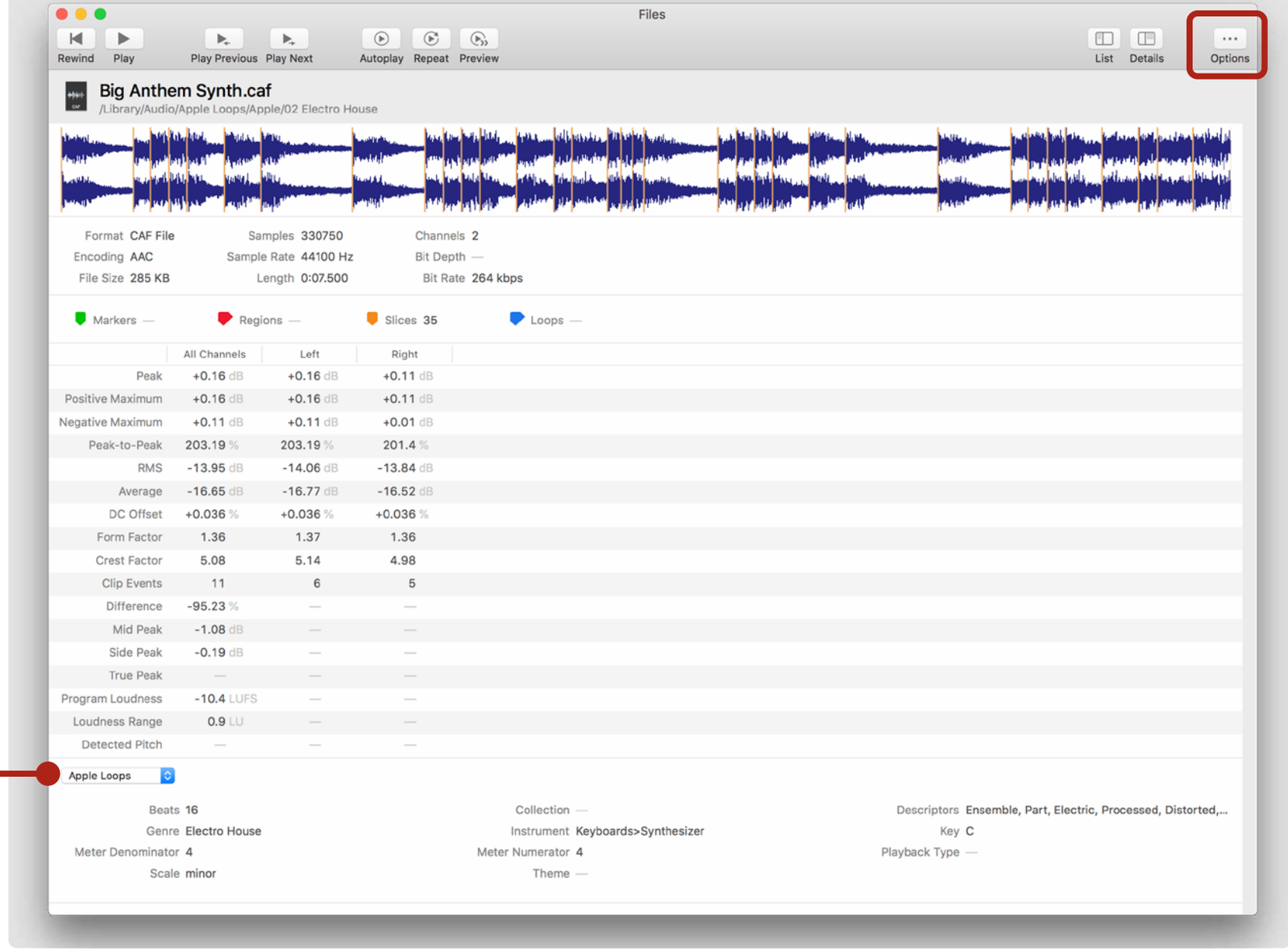
SETTING UP THE OVERVIEW

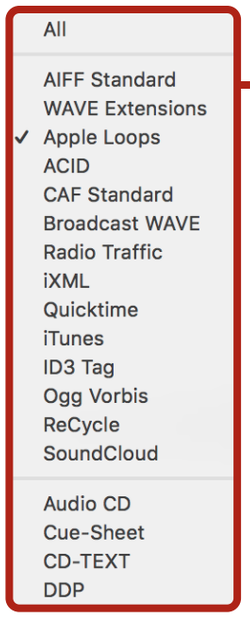
Once files have been added, you may wish to change what is displayed in the Overview

The Overview displays basic file information, such as name, file path, and can also display a n audio waveform, detailed analysis data, and metadata properties for a selected audio file.

You can customize what is displayed by clicking the **Options** button and selecting the desired options to suit your needs.

You can also filter the **Properties** display by choosing a category in the popup menu.





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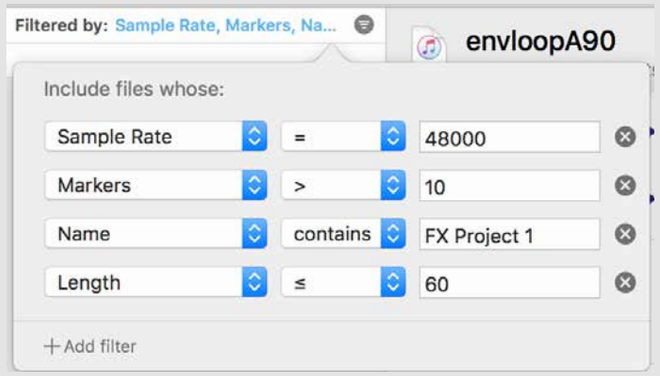
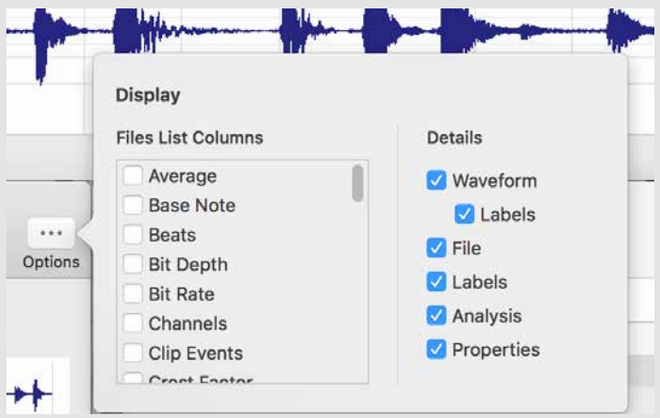
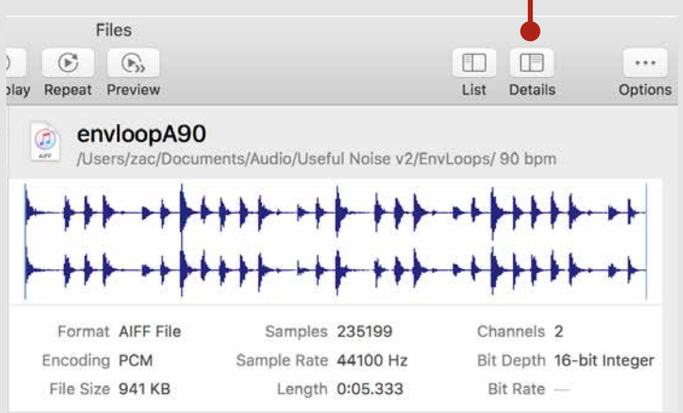
FILTERS



OVERVIEW DISPLAY OPTIONS



FILE DETAILS

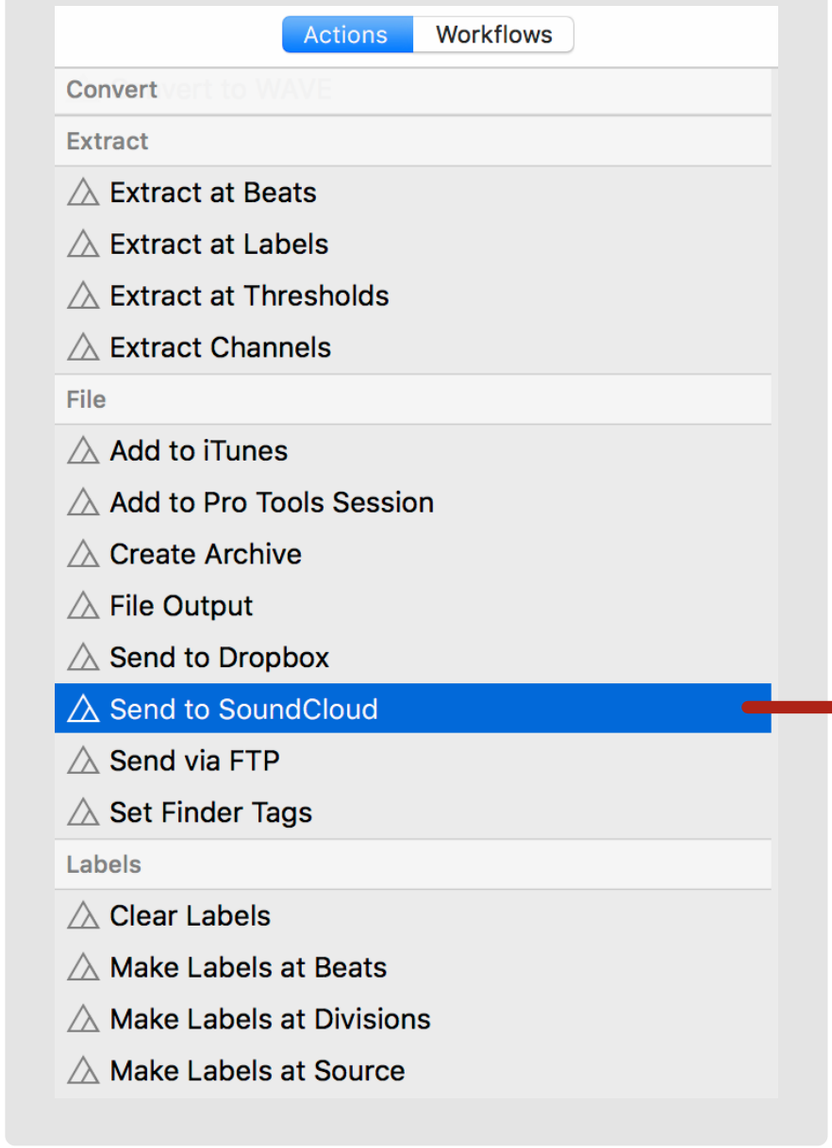


DISPLAY OPTIONS

Filters: You can filter files displayed in the Files List. To enable filtering, click the Filter icon in the upper right of the Files List and configure as desired. Click the Filter icon again to disable filtering.

Overview Display Options: To configure the Overview's display options, click the Options button at the top right of the Files Window. Here you can toggle the view of many file details, analysis data and properties in the list. Once enabled, you can sort the Files List on any of these columns.

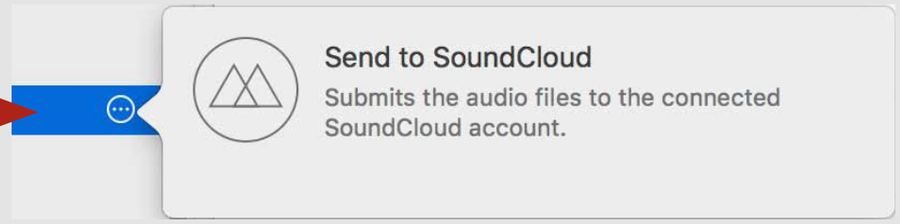
File Details: When a file is selected in the Files List, the File Details pane shows basic information about the file. Click the File Details button in the toolbar to show or hide the File Details panel.



PROCESSING WITH ACTIONS

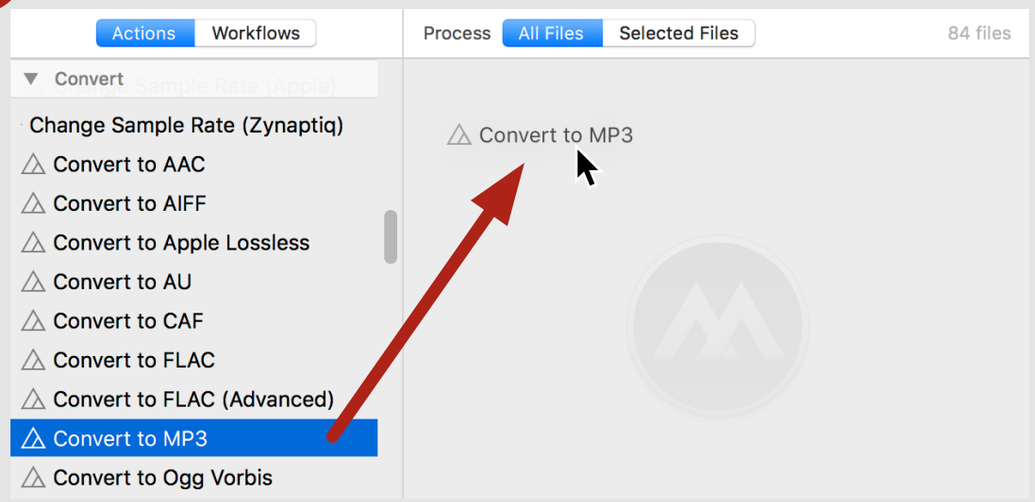
The Actions List contains all of MYRIAD's default Actions, as well as any custom User Actions.

Find Actions by typing in the search field at the bottom of the Actions List.



To learn more about an Action, hover over it with your cursor and click the "⋯" button at the right. This will open a popover that displays a description of the Action.

1



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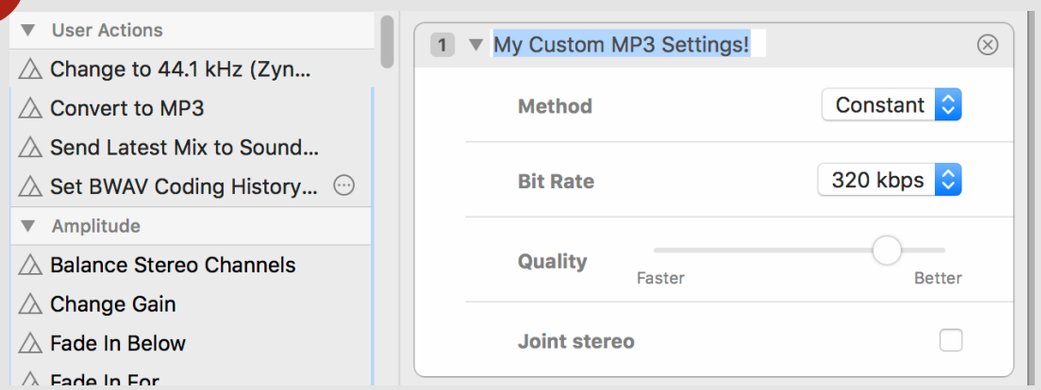
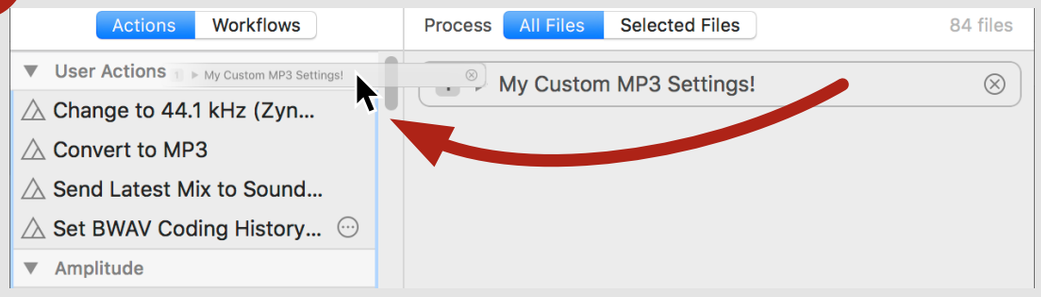


SAVING CUSTOM USER ACTIONS

There are over 100 Actions in MYRIAD and most of them have configurable parameters. We have chosen defaults for those, but you may want to change those defaults to the parameters you use frequently in your workflow. MYRIAD makes it easy to save custom User Actions.

1. **Drag an Action from the Actions List into the Workflow column.**
2. **Configure the parameters in the Action and customize the name.**
3. **Drag the Action by its title bar back into the Actions List**
4. **Your User Action will appear in the User Actions category at the top of the list.**

3



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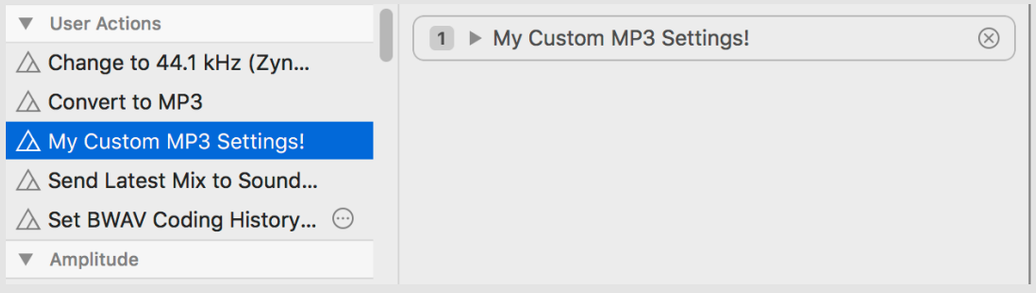
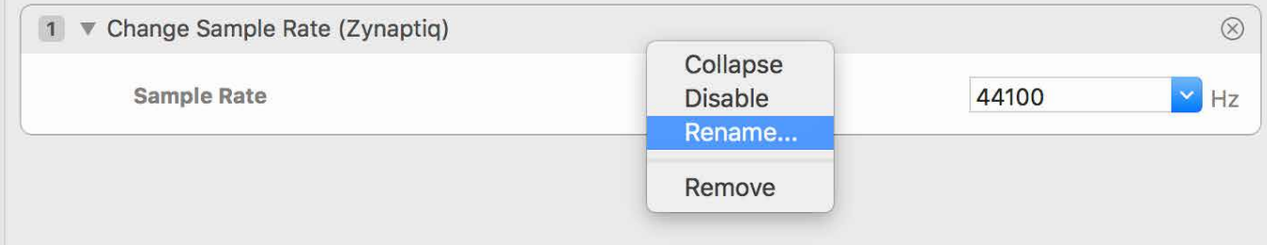


MORE ABOUT USER ACTIONS

Right-clicking on a User Action in the Process Area allows you to Collapse, Disable, Rename, or Remove it.

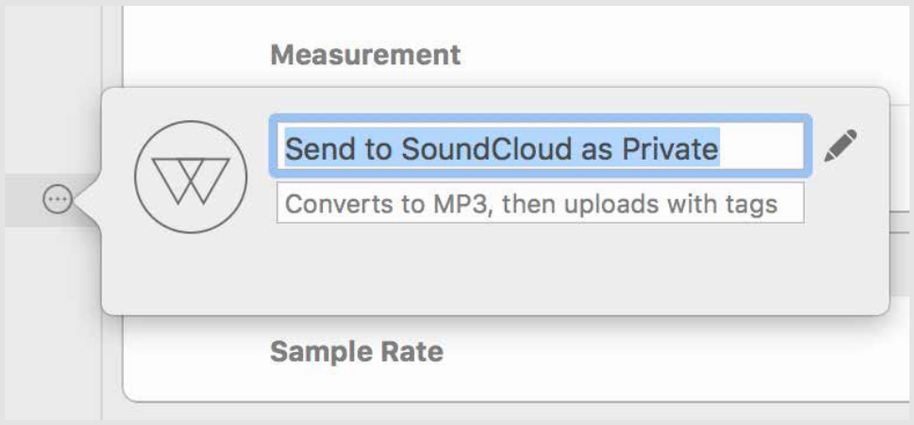
If you have a Workflow already loaded, you can save any Action in the Workflow as well.



Once you have created a User Action, you can open its popover and change its name and description.

This feature is incredibly handy for Actions like Send via FTP or Property Actions such as Set Broadcast WAVE Property where you need to enter very specific information.

Check out some of the User Actions we've bundled with MYRIAD for more inspiration.



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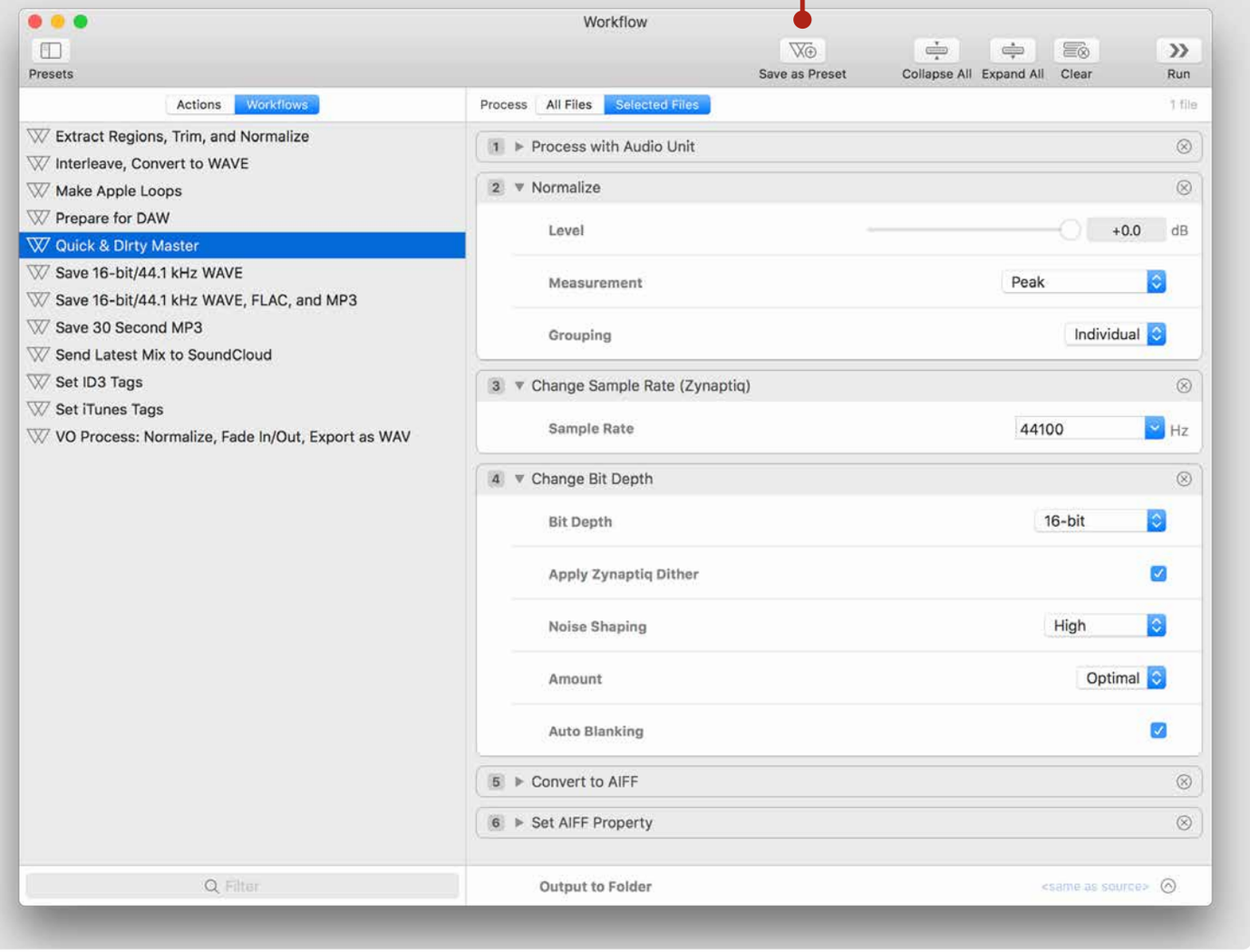
SAVE AS PRESET



BUILDING WORKFLOWS

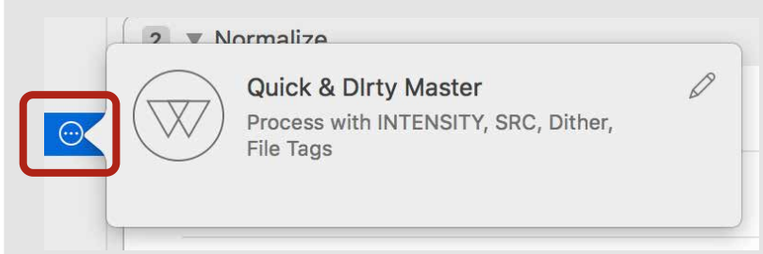
Workflows are combinations of Actions.

To build a Workflow, drag Actions from the Actions List into the Workflow column or double-click an Action to add it next in the Workflow.

To save a Workflow, click the “Save as Preset” button in the window’s toobar area.

Find Workflows by typing in the search field at the bottom of the Workflows List.

You can load a Workflow by double-clicking it. This will clear the existing Workflow and load the chosen Workflow.



To edit a Workflow’s name and description, hover over it with your cursor and click the “ ” button at the right to open its popover.

WORKFLOW OUTPUT OPTIONS

Click the "**Output Options**" button at the bottom left of the Workflow column to choose a destination folder and additional options.

Folder: Choose and output folder for the Workflow.

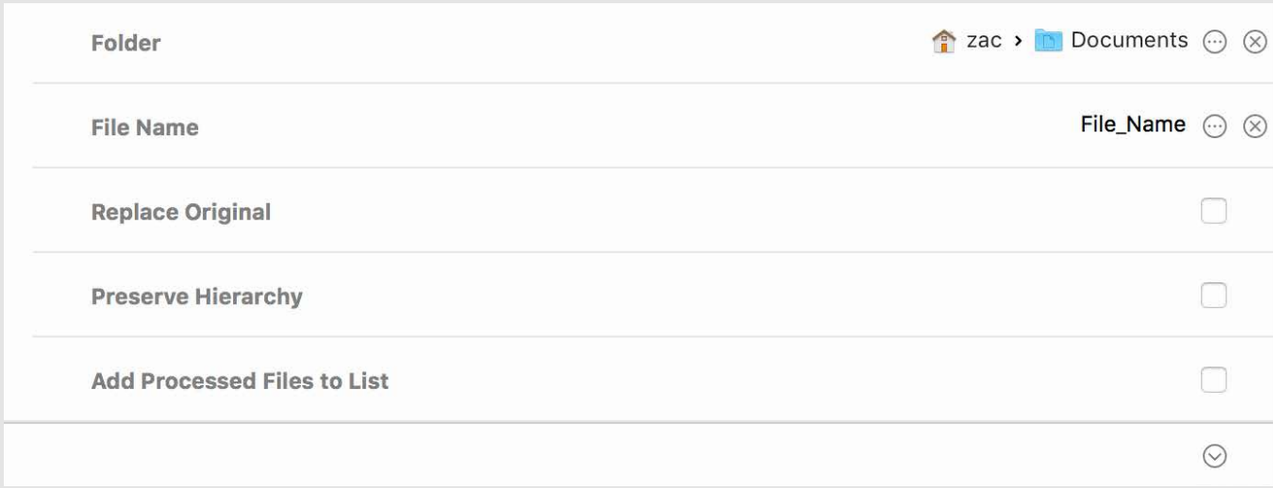
File Name: Configure file naming rules for the Workflow. Click the "**x**" to clear file naming options. File naming options are covered more in depth in the Advanced chapter.

Replace Original: Delete your original files from your computer after processing. Use this option with caution!

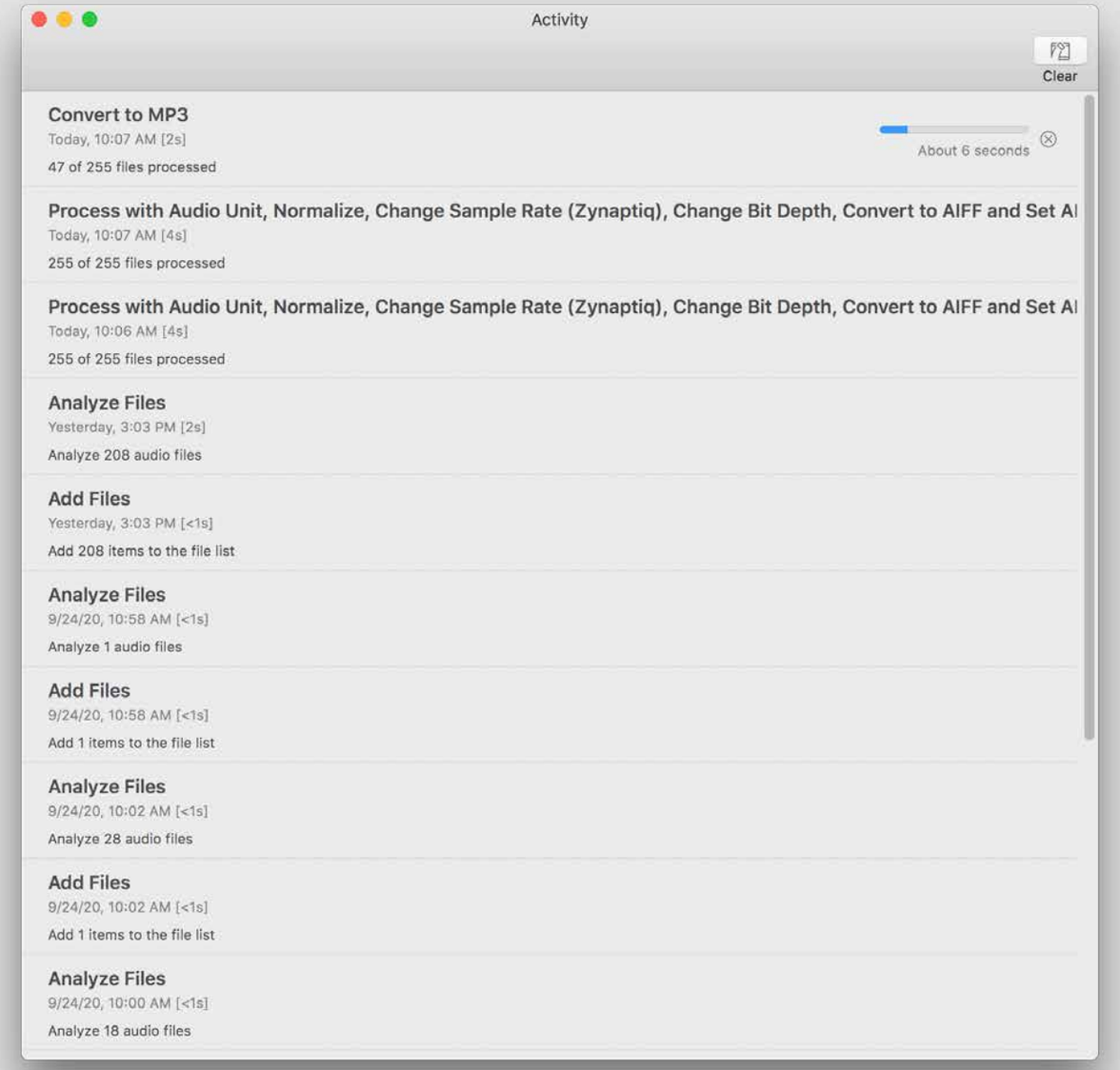
Preserve Hierarchy: Preserve the directory hierarchy for processed files.

Add Processed Files to List: Adds processed files to the Files List.

The destination folder for the current Workflow is displayed at the bottom of the Workflow column when Output Options are hidden.



At the top of the Process Area, choose whether the Workflow will be applied to **All Files** or **Selected Files**, and then click the "**Run...**" button at the top right.



MONITORING ACTIVITY

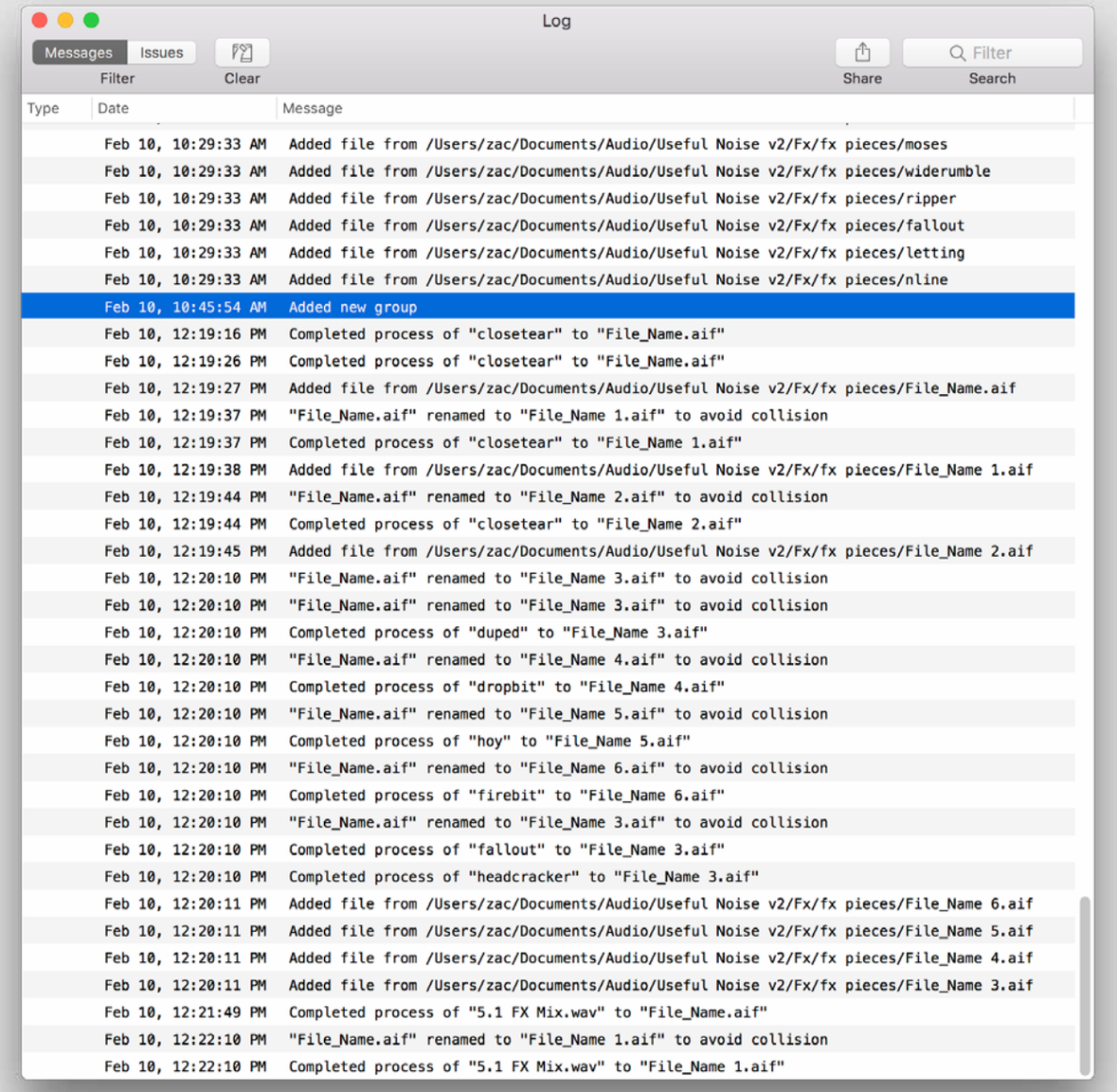
The Activity Window displays information about file processing, audio processing and logs.

The Processing view shows all file and audio processing activity in MYRIAD.

Audio: Displays all audio processing tasks in a running workflow. Click the "**x**" button to stop a process.

File: Displays all file analysis activity in MYRIAD. This includes adding files to the Files List and subsequent analysis as well as post-processing activity such as Send to SoundCloud and Create Archive.

Click the Clear button to clear the display.



LOG

The Log window displays all log messages generated by MYRIAD. Use the control at the top to view all Messages or Issues.

Click the Share button at the top to save the log messages to a file.

Click the Clear button to clear the display in any of the Activity screens.

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CHAPTER 2

ADVANCED

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2.1

PREFERENCES

GENERAL

List Size: Choose the text display size from Small or Medium.

Keep Logs For: Select the amount of time you wish to retain logs.

On Overwrite: Choose whether overwritten files are deleted or moved to the Trash.

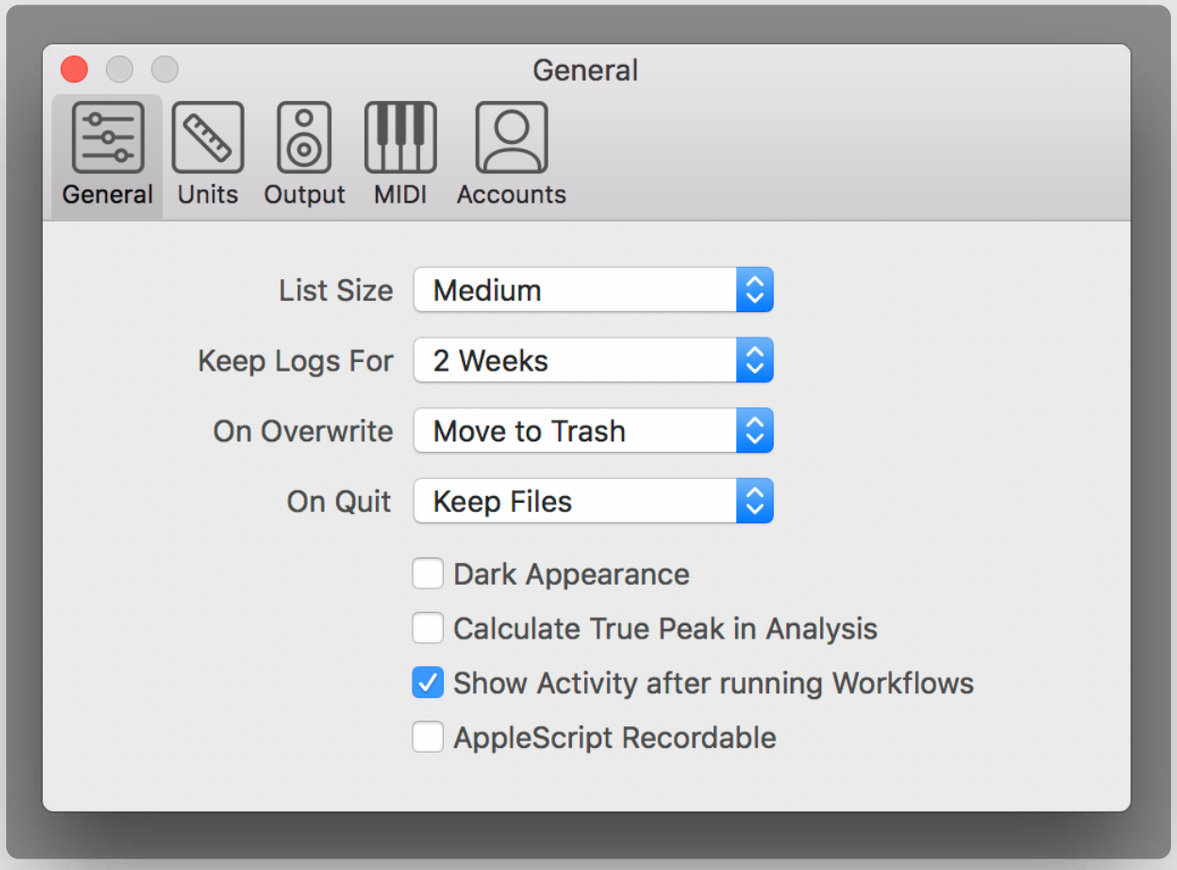
On Quit: Choose whether to Keep, Remove, or Ask to Remove Files.

Dark Appearance: Enables darkened UI elements.

Calculate True Peak in Analysis: Here you can enable True Peak detection when files are analyzed. Note that this increases analysis time and CPU utilization.

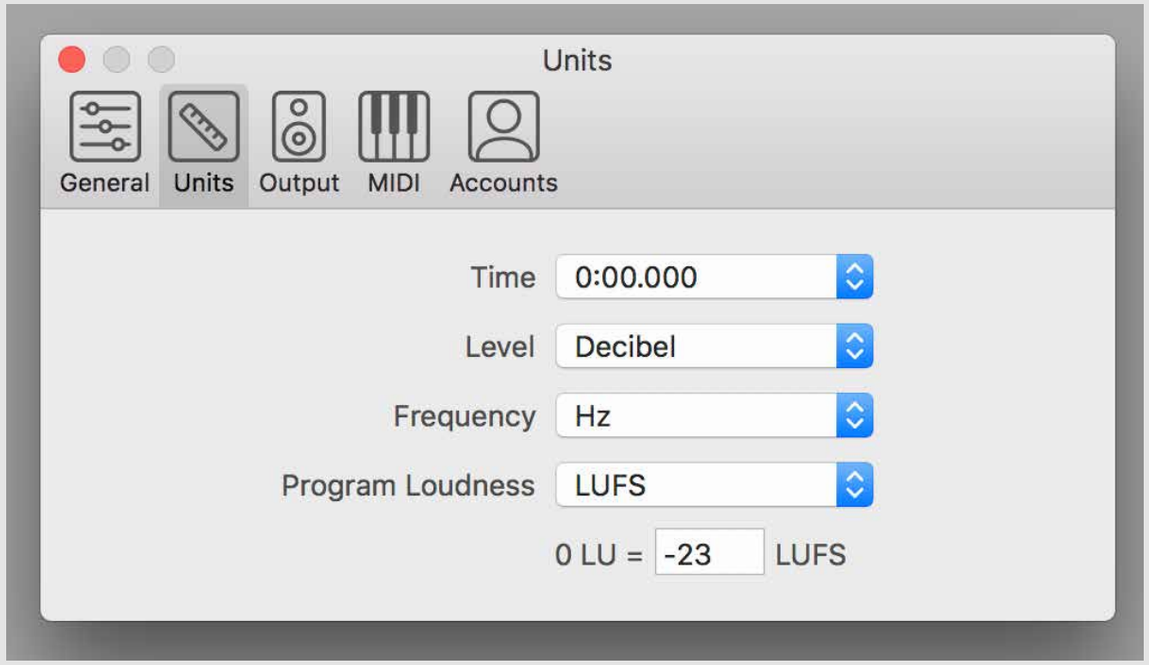
Show Activity after running Workflows: Enable this if you want to view progress after clicking Run Workflow in the Process view.

AppleScript Recordable: Choose whether MYRIAD functionality can be recorded in AppleScripts.



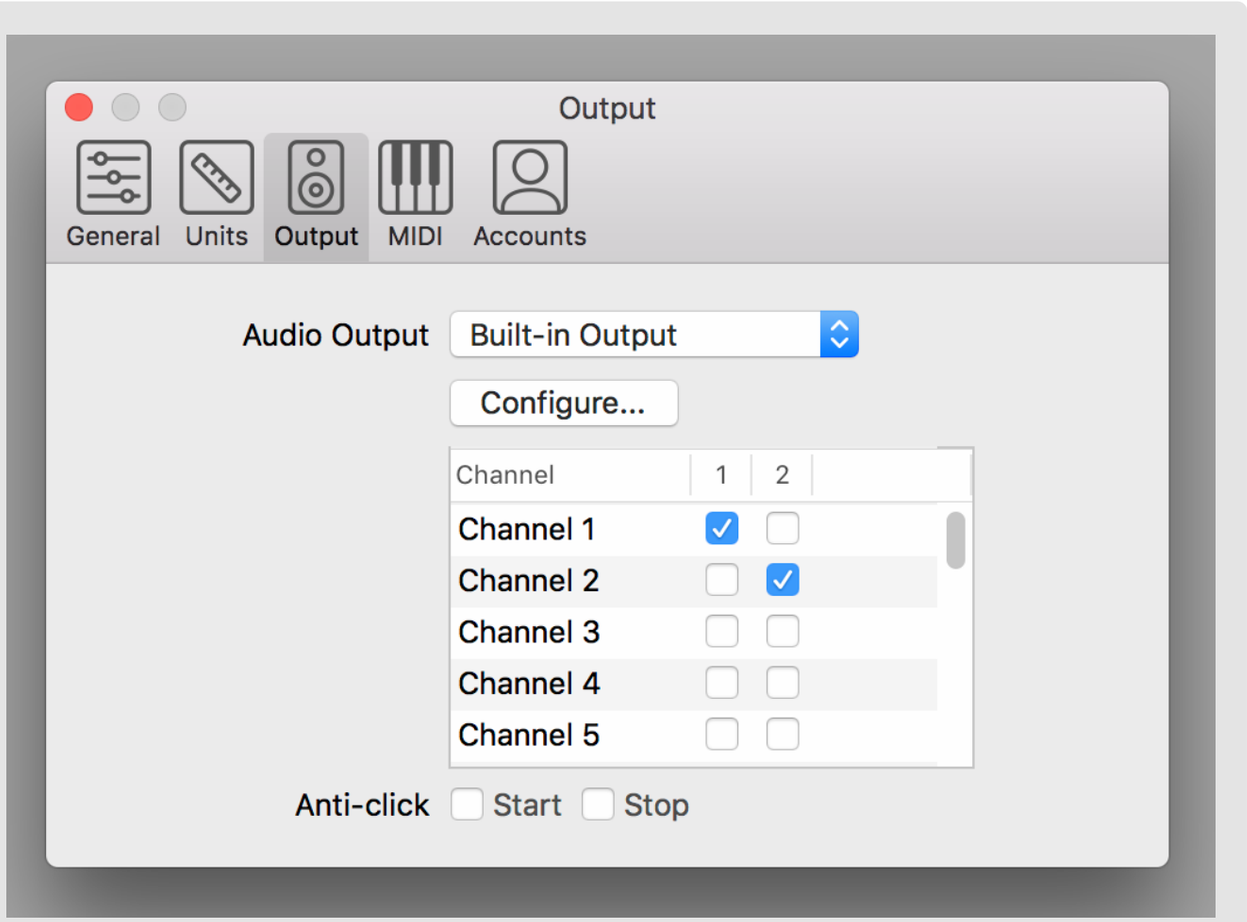
UNITS

Select the desired Time, Level, Frequency, and Program Loudness units for MYRIAD here.



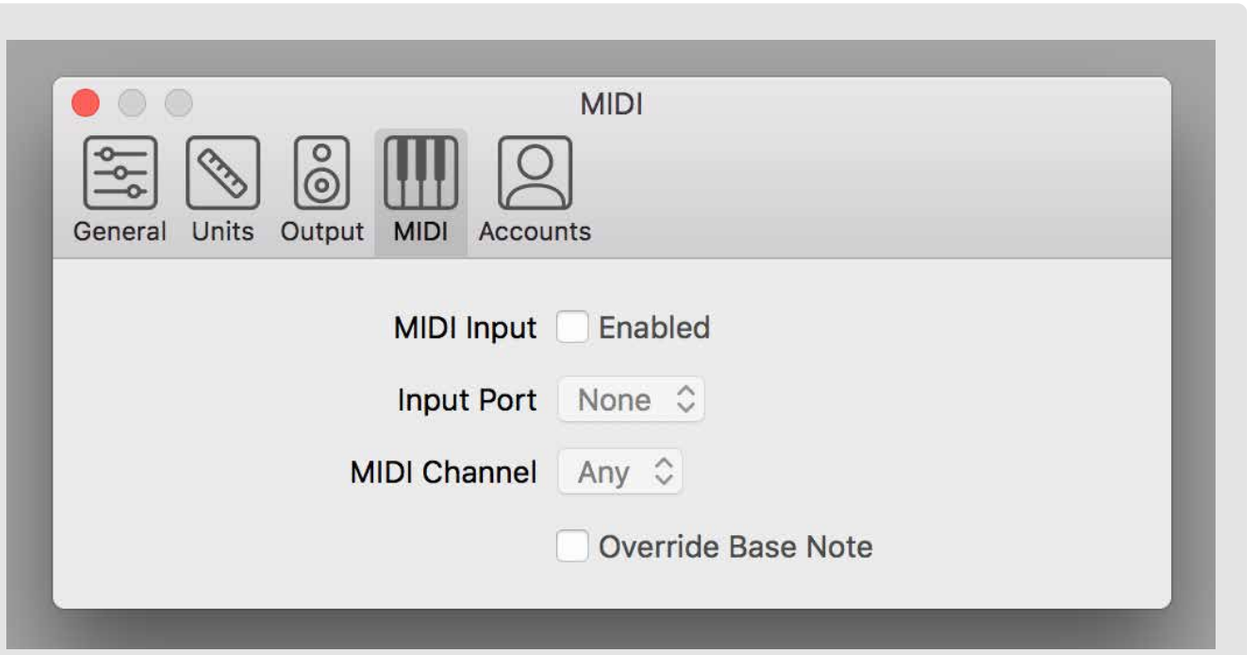
OUTPUT

Select the output device for MYRIAD here. MYRIAD will default to your selected System Output device. Click "**Configure**" to open the Audio MIDI Setup application or your device's control utility. Use the output matrix to assign outputs for each audio file channel. Enabling Anti-click quickly fades the output when playback is started and stopped.



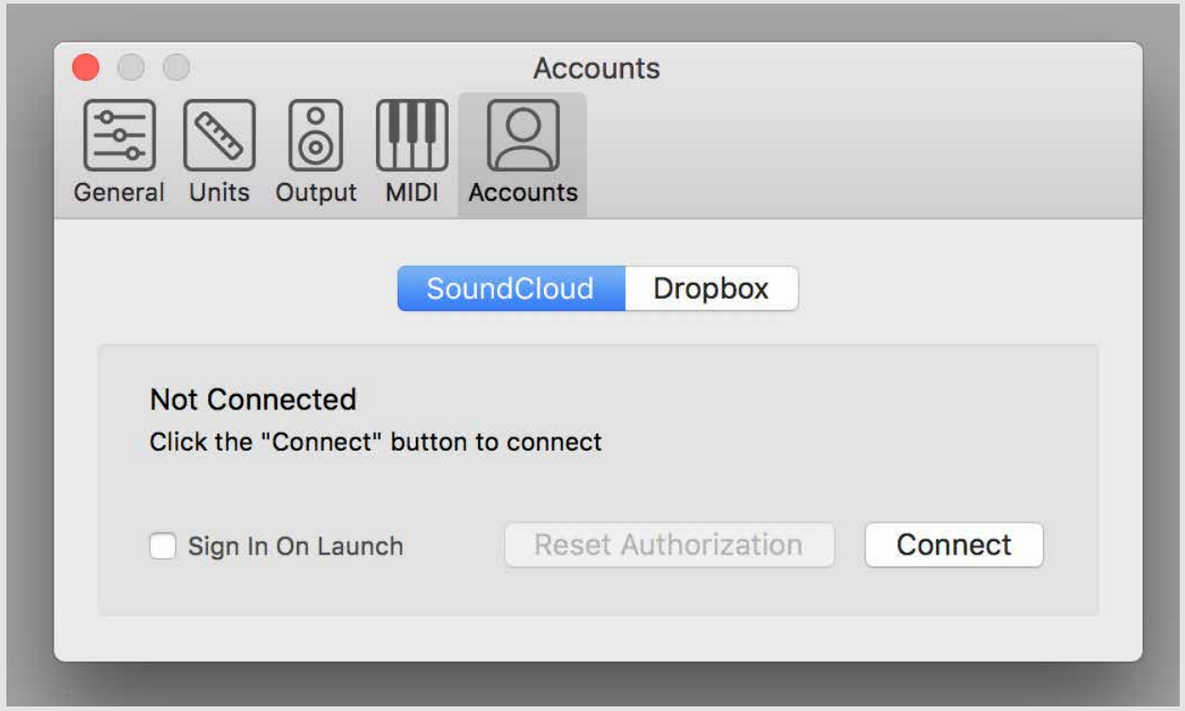
MIDI

You can use a MIDI controller to control playback in MYRIAD. Here, you can enable or disable MIDI input, choose your input port, MIDI channel and choose to override base note.



ACCOUNTS

Connect MYRIAD to your SoundCloud and Dropbox accounts here.



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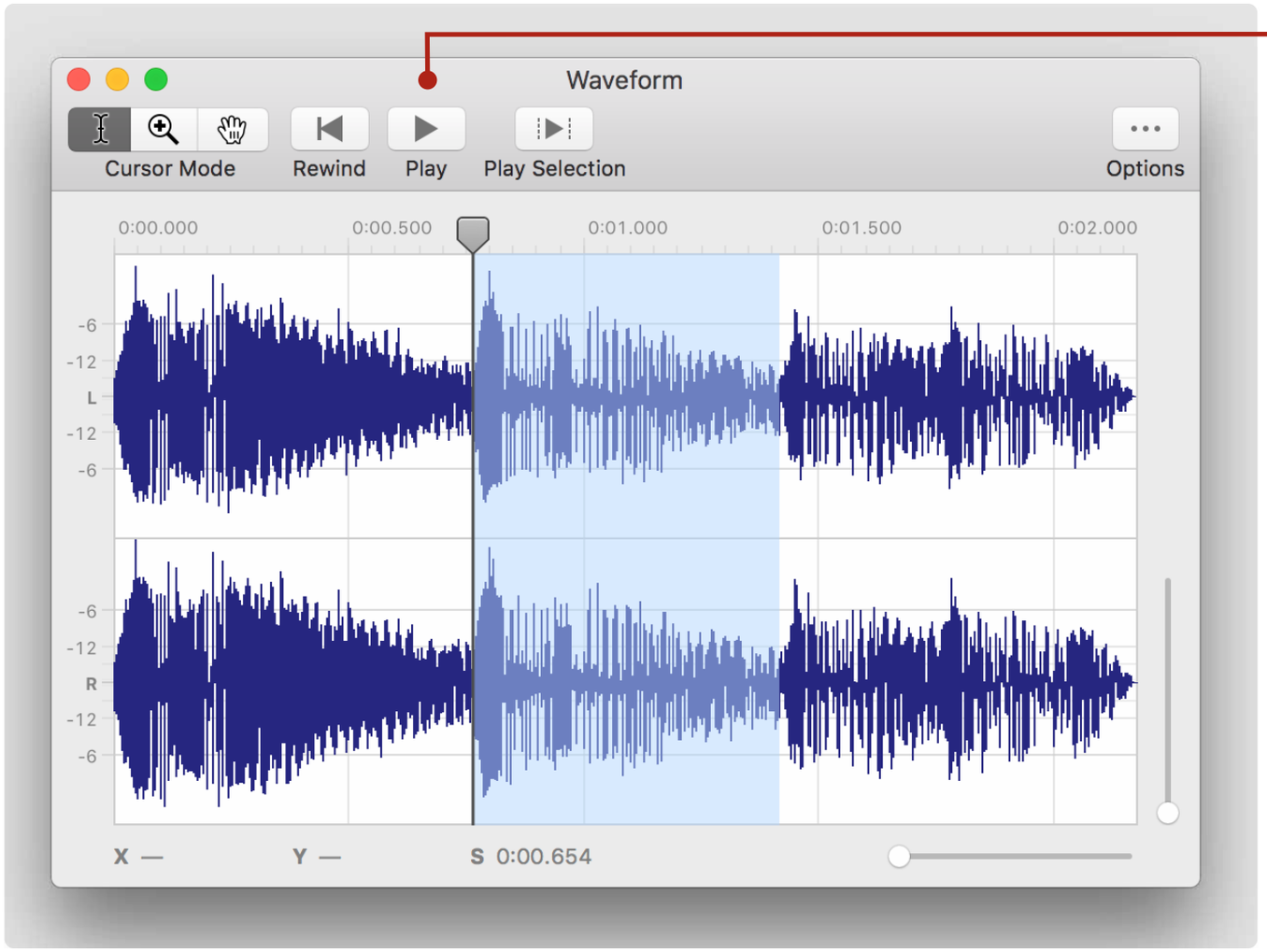
2.2

PLAYBACK AND WAVEFORM CONTROLS



PLAYBACK CONTROLS

The Waveform window contains a set of transport controls:

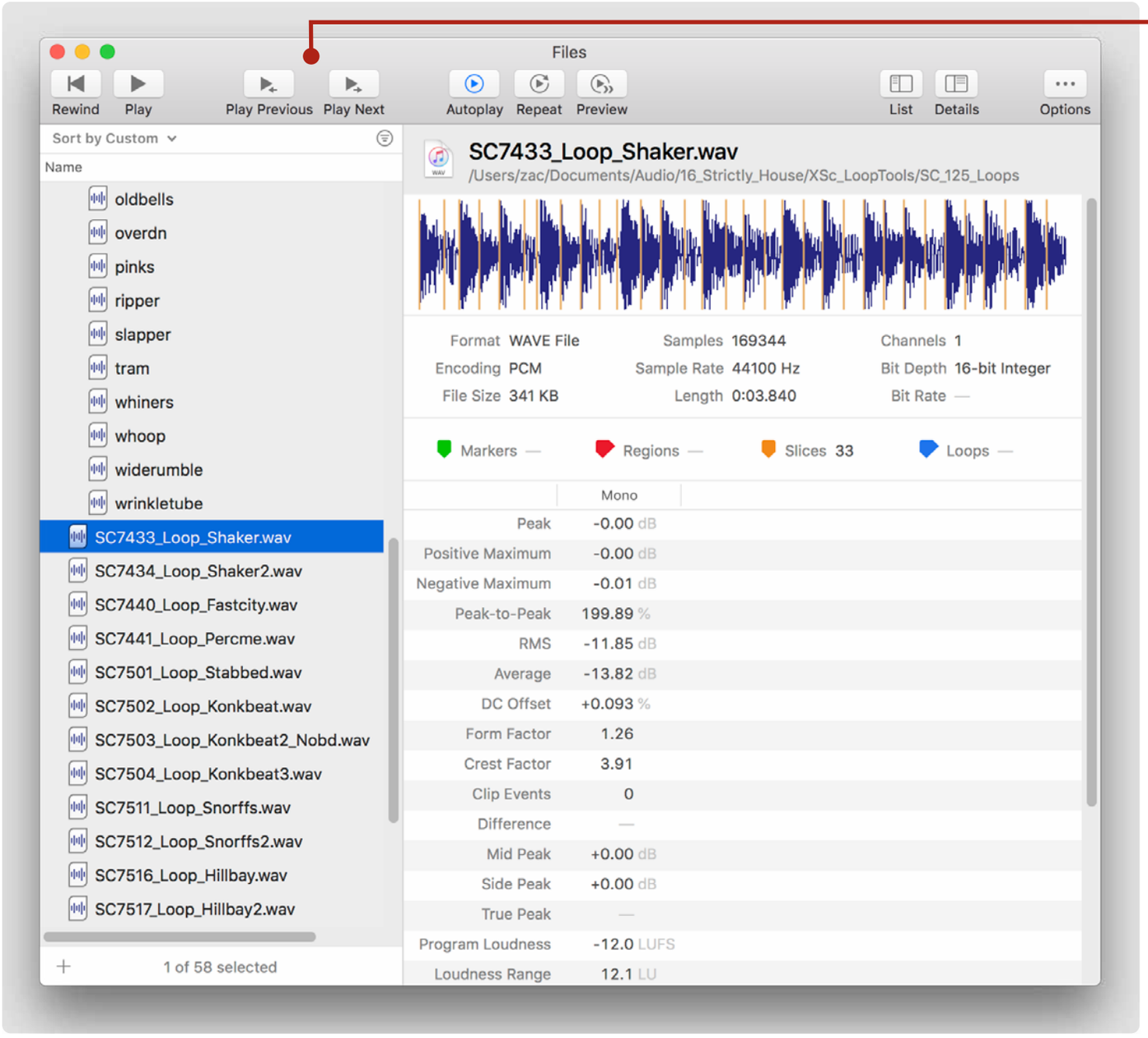
Rewind: Moves the playback indicator to the begniing of the file.

Play (Space): Plays an audio file. Pressing Space again will stop playback. Pressing again will continue playing from the stopped position.

Play Selection: Plays the selected range in the Waveform window.

Keyboard Commands

Play/Stop (Option+Space): Always plays from the beginning of a file regardless of the position of the playback indicator.



AUDITIONING CONTROLS

The Files window contains auditioning controls:

Rewind: Moves the playback indicator to the begniing of the file.

Play (Space): Plays an audio file. Pressing Space again will stop playback. Pressing again will continue playing from the stopped position.

Play Previous/Next: Jumps to the previous or next audio file in the Files List and starts playback from the beginning of the file.

Autoplay: Enabling this will automatically play an audio file when selected in the Files List.

Repeat: Enabling this option will repeat playback of an audio file from the beginning when the end is reached.

Preview: Enabling this option will preview playback through any realtime audio process in a Workflow (eg. Process with Audio Unit, Change Gain).

Keyboard Commands

Play/Stop (Option+Space): Always plays from the beginning of a file regardless of the position of the playback indicator.

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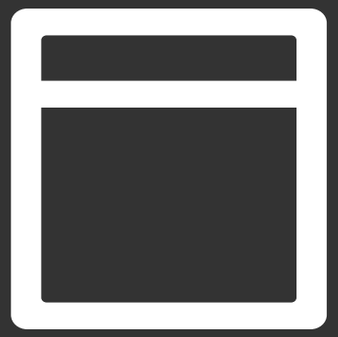
GESTURES / CONTROLS



Trackpad

- option + click = play from clicked location
- pinch/zoom = zoom horizontal
- shift + pinch/zoom = zoom vertical
- trackpad 2 finger horizontal = scroll horizontal
- option + trackpad 2 finger horizontal = zoom horizontal
- option + ⌘ + trackpad 2 finger horizontal = zoom horizontal focused on cursor position
- shift + trackpad 2 finger vertical = scroll vertical
- shift + option + trackpad 2 finger vertical = zoom vertical

Mode: Normal

- click = clear selection range
- click + drag = set selection range
- shift + click + drag = extend selection range

Mode: Magnify

- click = zoom in horizontally
- option + click = zoom out horizontally
- shift + click = zoom in vertically
- shift + option + click = zoom out vertically

Mode: Hand

- click + drag = scroll X axis

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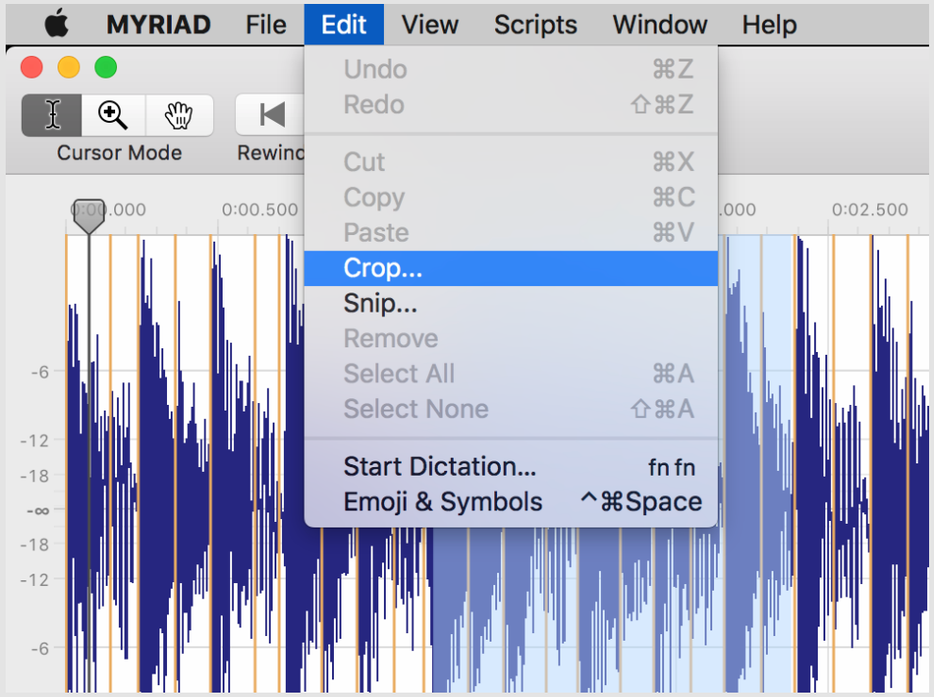
2.3

CROP AND SNIP



CROP AND SNIP

You can crop and snip audio files in the Waveform window.

1. **Select a file in the Files List**
2. **Open the Waveform window**
3. **Select the Cursor Tool**
4. **Make a selection**
5. **Choose Crop or Snip from the Edit menu**
6. **Choose a location for your file**

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2.4

THE FILE OUTPUT ACTION

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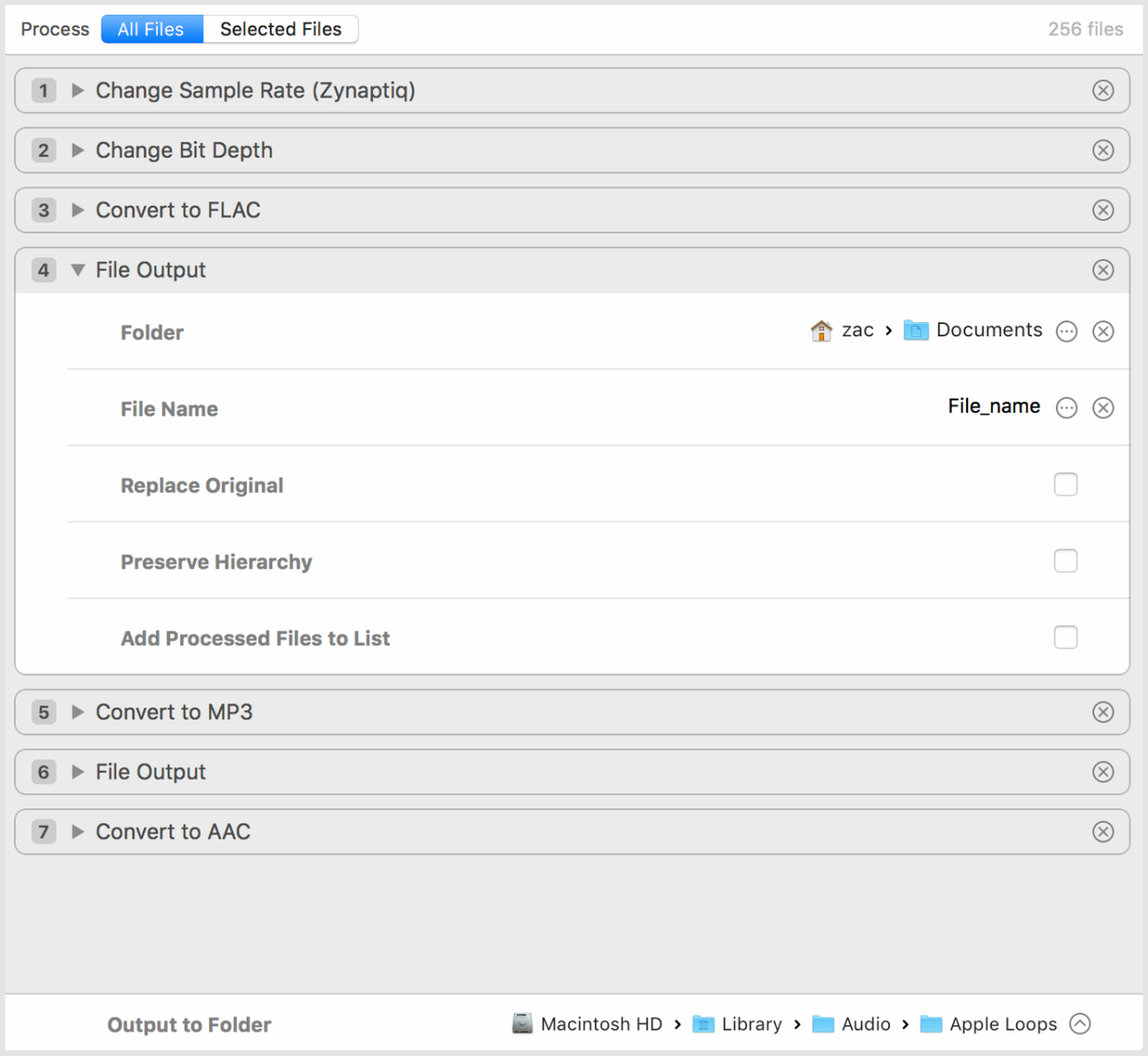
THE FILE OUTPUT ACTION

In addition to the File Output options at the bottom of the Workflow column, we offer File Output Action. You would use this Action anywhere in a Workflow where you might want to output an audio file.

Or, you can use several in a Workflow to save out multiple formats. For example, if you wanted to convert the sample rate and bit depth of a group of WAVE files and output FLAC, MP3 and AAC files, you'd create a Workflow like this:



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2.5

FILE NAME OPTIONS

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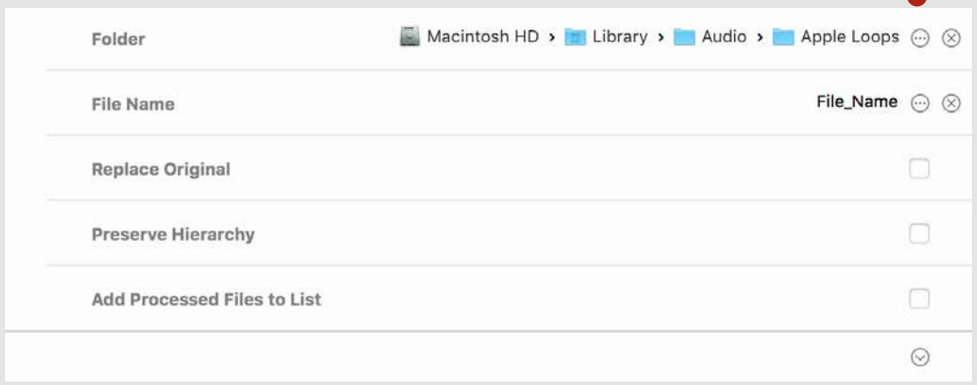
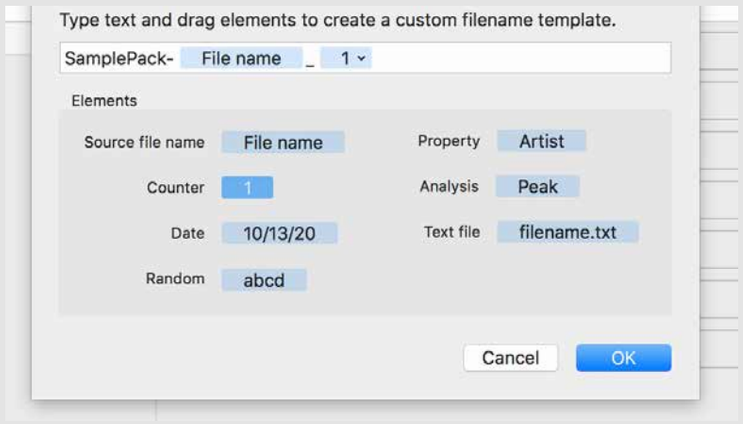
1



2



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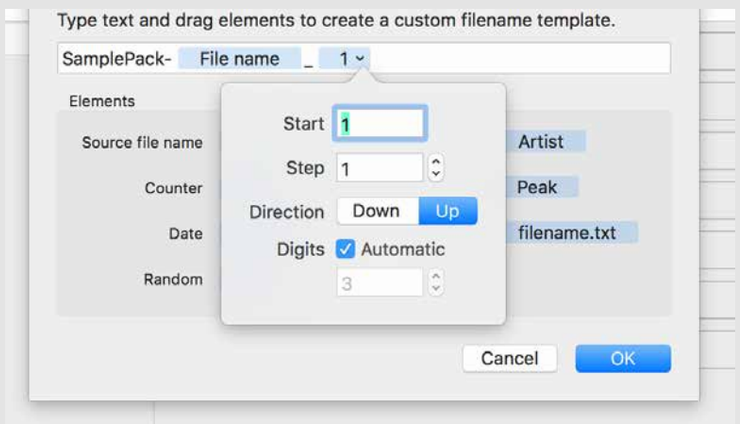

FILE NAME OPTIONS

File naming options are integrated into the Output Options at the bottom of the Workflow column. You create your file naming scheme via drag and drop.

To configure file naming options:

1. **Reveal Output Options and click the button next to File Name**
2. **Drag elements and type text into the text box**
3. **Configure options for your chosen elements**

Here's an example. Let's say you want your files to be renamed with the original file name and appended with the Composer Property and an incremented number and you want an underscore before Composer and a dash before the number. To do this, drag the File Name element into the text box. Next, type an underscore, drag the Property element into the text box and choose Composer from the menu in the Property element. Now, type a dash and drag the Counter element into the text box.

The counter has very detailed options. By default, it will calculate the number of files for you and automatically pad the number accordingly. In this example, if you processed 100 files, the number would automatically have three digits starting with 001.

You can also rename from a text file.

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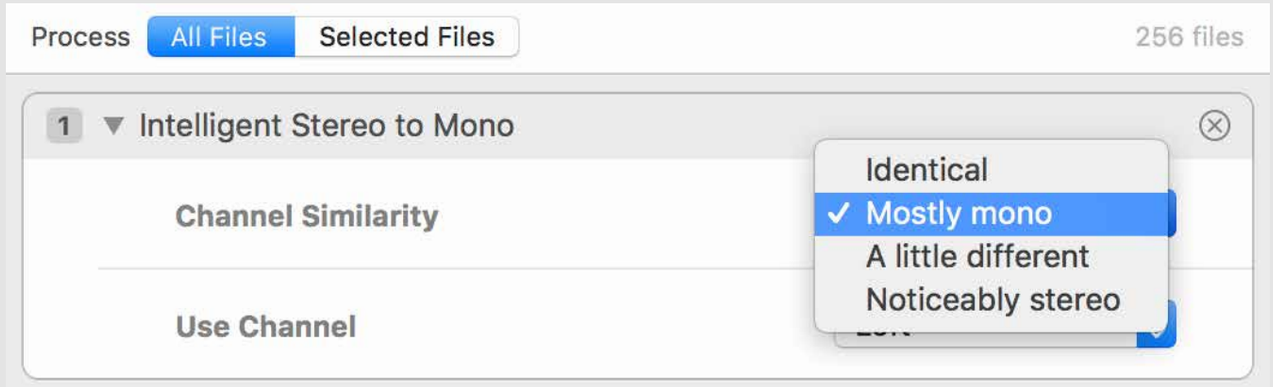
2.6

THE INTELLIGENT STEREO TO MONO ACTION



THE INTELLGENT STEREO TO MONO ACTION

The Intelligent Stereo to Mono Action uses MYRIAD'S detailed analysis to calculate the amount of stereo content in stereo files and convert them to mono based on a threshold that you choose. When used in conjunction with MYRIAD'S file and sample rate conversion options, this Action is especially handy when you have to import tracks into a project in your DAW. This saves disk space, reduces CPU and voice usage and helps you be more organized.

The Channel Similarity parameter specifies how similar the channels need to be in order to be considered for conversion to mono.

Identical: the side peak value of the audio needs to be ∞, meaning that the left and right channels are sample-for-sample identical.

Mostly Mono: the difference between the side peak value and the mid peak value needs to be greater than 40dB for conversion.

A Little Different: the difference between the side peak value and the mid peak value needs to be greater than 20dB for conversion.

Noticeably Stereo: the difference between the side peak value and the mid peak value needs to be greater than 6dB for conversion.

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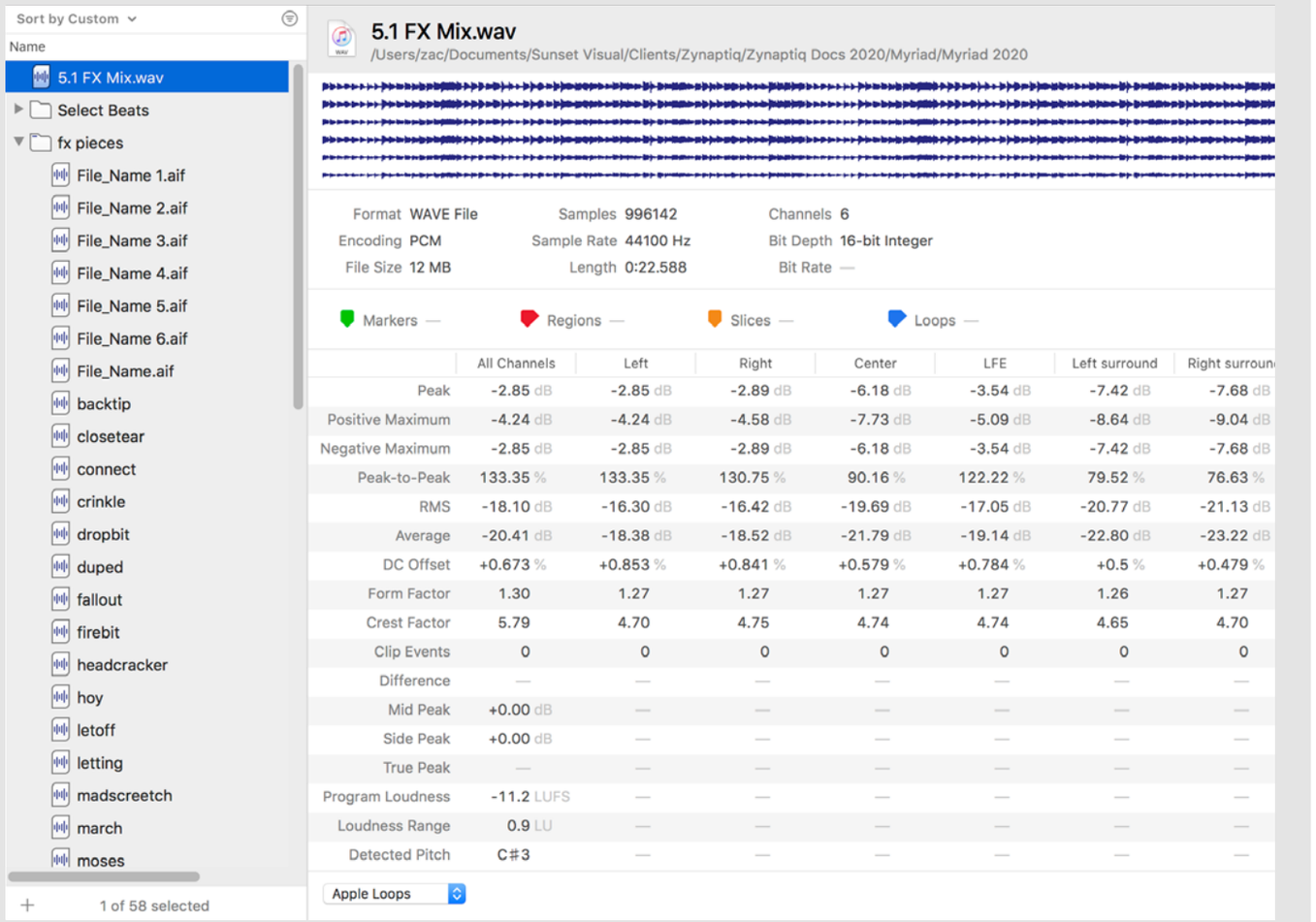
2.7

SPLIT FILES



WORKING WITH SPLIT FILES

The Interleave Action recognizes industry split file standard channel abbreviations for WAVE and AIFF files. It will treat split file formats provided the group of files has the same name and a full set of recognized extensions.

These groups of files will be recognized as a split file set:

Drums.L.wav
Drums.R.wav
Drums.C.wav
Drums.Ls.wav
Drums.Rs.wav
Drums.Lfe.wav

Bass-L.aif
Bass-C.aif
Bass-R.aif
Bass-Cs.aif

Shredder Solo L.wav
Shredder Solo R.wav

Groups of files recognized as split files will display as a single file with a special split icon in the Files List.

SUPPORTED SPLIT FILE COMBINATIONS

L + R (stereo)

L + C + R (LCR)

L + R + Ls + Rs (quad)

L + C + R + Cs (LCRS)

L + R + C + Ls + Rs (5.0 Surround)

L + R + C + Ls + Rs + Lfe (5.1 Surround)

L + R + C + Lfe + Ls + Rs + Cs (6.1 Surround)

L + R + C + Lfe + Ls + Rs + Lc + Rc (7.1 Surround)

L + R + C + Lsb + Rsb + Ls + Rs + Cs + Lw + Rw + Lh + Rh (10.2 Surround)

SUPPORTED CHANNEL ABBREVIATIONS

Lfe (low-frequency effects)

Lsb (left sub)

Rsb (right sub)

RL (rear left)

RR (rear right)

Lc (left center)

Rc (right center)

Lw (left wide)

Rw (right wide)

Lh (left height)

Rh (right height)

Ls (left Surround)

Rs (right Surround)

Cs (center Surround)

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2.8

THE ADVANCED FLAC AND OGG VORBIS ACTIONS

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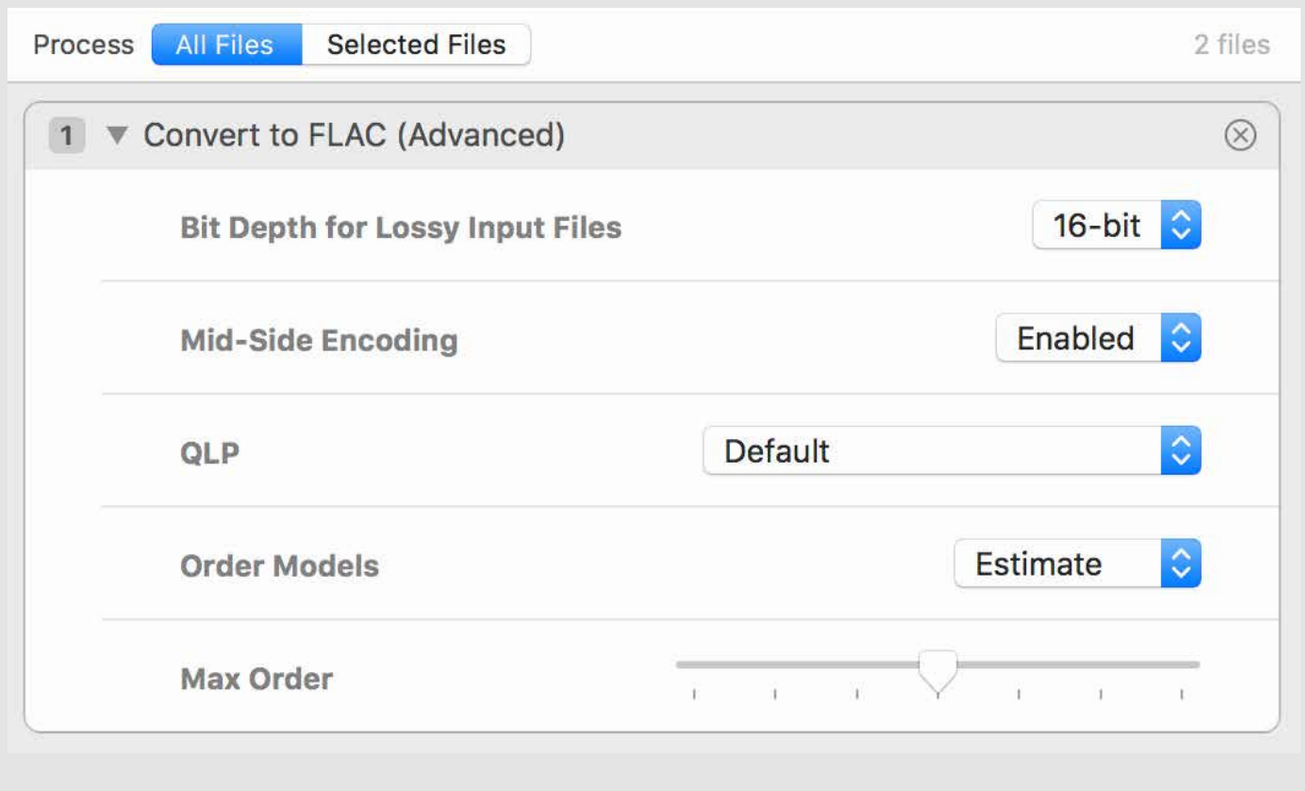


THE ADVANCED FLAC AND OGG VORBIS ACTIONS

If you want to convert files to FLAC or Ogg Vorbis using the default settings for those encoders, use the standard Actions.

However, if you want to configure additional options for these formats, the Advanced Actions are for you.

CONVERT TO FLAC (ADVANCED)

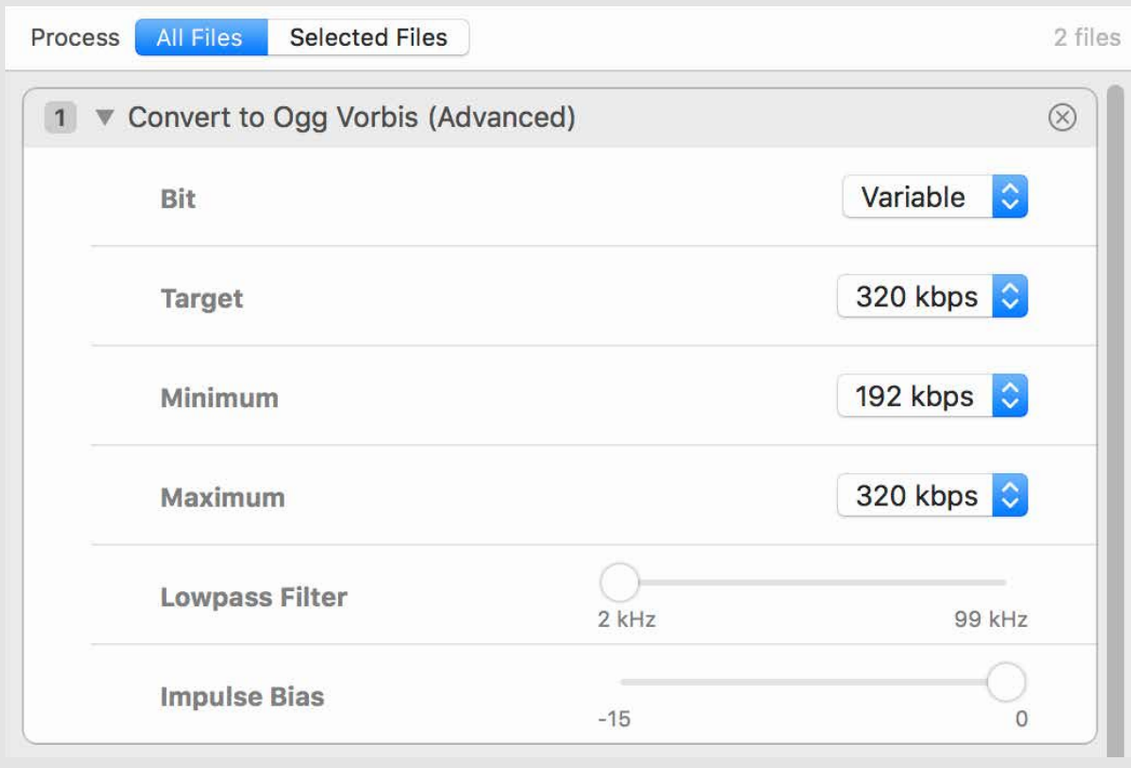
Bit Depth: Options are 8, 16, 24 and 32-bit.

Mid-Side Encoding: This is only for stereo files and tends to increase compression by a few percent on average. Options are Enabled or Disabled.

QLP: We won't get in to what QLP means here. Suffice it to say, don't change this unless you fully understand QLP. Options are Default or Consider neighboring values.

Order Models: See QLP. Options are Estimate and Evaluate All.

Max Order: See QLP and Order Models. The center detente on the slider is the default.



CONVERT TO OGG VORBIS (ADVANCED)

Bit: Options are Constant, Variable and Average.

Target: Tells the encoder to attempt to encode at approximately this bitrate. Options range from 48 to 500 kbps.

Minimum: Sets the minimum bit rate. Options range from 48 to 500 kbps.

Maximum: Sets the maximum bit rate. Options range from 48 to 500 kbps.

Lowpass Filter: Sets the lowpass frequency. The range is from 2 kHz to 99 kHz.

Impulse Bias: A negative bias tells the encoder to pay particular attention to the crispness of transients in the encoded audio. The range is from -15 to 0.

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CHAPTER 3

APPLESCRIPT

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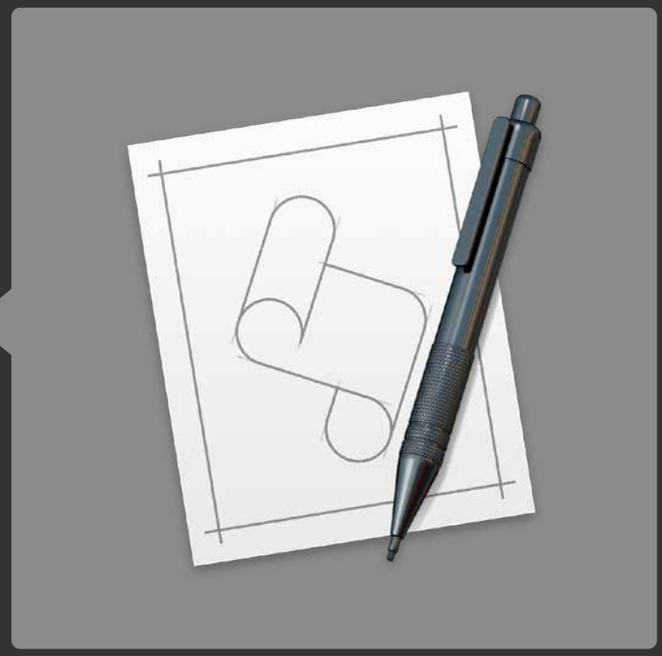
WHAT IS APPLESCRIPT?

One of the most important features in MYRIAD is full AppleScript support.

AppleScript is an incredibly powerful and easy-to-learn scripting language in macOS. It's an indispensable tool for complex workflows, automating repetitive tasks and interacting with other applications.

AppleScript is so powerful we've made it a fundamental part of the way MYRIAD itself is built. You can access major functions in MYRIAD via external scripts.



CUSTOM SCRIPTS

USING YOUR CUSTOM SCRIPTS IN MYRIAD

We have made it even easier for you to use your custom scripts within MYRIAD rather than executing them in the macOS Script Editor application. Once you have written a new script, launch MYRIAD and choose "**Open Scripts Folder**" from the Scripts menu. The Finder will open a folder called **com.zynaptiq.myriad**. When you write a custom script, save a copy of it to this directory. Any scripts added to this directory will now be accessible from the Scripts menu. Simply choose a script from the menu to run it!

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CHAPTER 4

ACTIONS

AMPLITUDE

Balance Stereo Channels: Balances the channels of the audio to their average based on the maximum magnitude (peak) or RMS. Only applied to stereo audio files.

Change Gain: Changes the level of the audio by a given amount in dB.

Fade in Below: Fade in the audio from silence up to a given threshold, with an option offset and curve.

Fade In For: Fade in the audio from silence for a given length and curve.

Fade Out below: Fade out the audio to silence after going below a given threshold, with an optional offset and curve.

Fade Out For: Fade out the audio to silence for a given length and curve.

Normalize: Changes the level of the audio to match a given level in dB (as maximum or RMS) individually or as a group.

Pan: Shifts the audio in the stereo field. Only applied to mono and stereo audio files.

CHANNELS

De-Interleave: Separates all of the channels of audio into separate files.

Intelligent Stereo to Mono: Changes a stereo file to a mono file based on the given stereo threshold.

Interleave: Combines all of the channels of audio into a single file.

Invert Phase: Invert the phase of given channels of an audio file.

Join Channels: Creates a multichannel file by adding the list of files to the given file.

LCRS to Mono: Changes a LCRS audio file to a mono file.

LCRS to Stereo: Changes a LCRS audio file to a stereo file.

MS Decoder: Changes a middle-side audio file to a left-right stereo audio file.

MS Encoder: Changes a left-right stereo audio file to a middle-side audio file.

Mono to Stereo: Changes a mono audio file to a stereo file using the given method.

Stereo to LCRS: Changes a stereo audio file to a LCRS file.

Stereo to Mono: Changes a stereo audio file to a mono file using the given method.

Swap Channels: Swaps the left and right channels of a stereo audio file.

COMBINE

Append and Prepend: Create an audio file that is a concatenation of the given files.

Mix: Combines the files in the list with the audio file.

Repeat: Repeat the audio file a given number of times.

Subtract: Subtracts the files in the list from the audio file.

CONVERT

Change Bit Depth: Change the bit depth of the audio.

Change Sample Rate (Apple): Changes the sample rate of the audio using the Apple Sample Rate Converter.

Change Sample Rate (Zynaptiq): Changes the sample rate of the audio using the Zynaptiq Sample Rate Converter.

Convert to AAC: Convert the file format to AAC.

Convert to AIFF: Convert the file format to AIFF.

Convert to AU: Convert the file format to AU.

Convert to Apple Lossless: Convert the file format to Apple Lossless.

Convert to CAF: Convert the file format to Core Audio Format (CAF).

Convert to FLAC: Convert the file format to FLAC.

Convert to FLAC (Advanced): Convert the file format to FLAC using advanced settings.

Convert to MP3: Convert the file format to MP3 using the LAME encoder.

Convert to Ogg Vorbis: Convert the file format to Ogg Vorbis.

Convert to Ogg Vorbis (Advanced): Convert the file format to Ogg Vorbis using advanced settings.

Convert to VOX: Convert the file format to VOX.

Convert to WAV64: Convert the file format to WAV64.

Convert to WAVE: Convert the file format to WAVE.

EXTRACT

Extract at Beats: Create new files from between detected beats in the audio.

Extract at Labels: Create new files from between types of labels.

Extract Channels: Create a new mono file for each channel in the sources.

Extract at Thresholds: Create new files from areas between detected thresholds in the audio.

FILE

Add to iTunes: Adds the result audio files to the current iTunes library.

Add to Pro Tools Session: Adds the result audio files to the current Pro Tools project.

Create Archive: Create a zip archive of the audio files.

File Output: Saves processed files with all preceding actions with the given options.

Send to Dropbox: Submits the audio files to the connected Dropbox account.

Send to SoundCloud: Submits the audio files to the connected SoundCloud account.

Send via FTP: Sends the audio files to an FTP server.

Set Finder Tags: Sets the Finder Tags for the audio files.

LABELS

Make Labels at Beats: Create Labels at detected beats in the audio.

Make Labels at Divisions: Create Labels evenly spaced throughout the file.

Make Labels at Source: Creates markers at the beginning and end of, or a region encompassing the primary file.

Make Labels for Tempo: Create Labels using a given tempo.

Clear Labels: Remove selected Labels in the file.

LENGTH

Detach Beginning Below: Keep audio from the beginning of a file that is below a given threshold.

Detach Beginning To: Keep audio from the beginning of a file for a given length.

Detach End Below: Keep audio from the end of a file that is below a given threshold.

Detach End For: Keep audio from the end of a file for a given length.

Extend: Add silence to the beginning and/or end of an audio file to result in a file of a given length.

Pad: Add silence at the beginning and/or end of an audio file.

Shorten: Remove audio from the beginning and/or end of a file to result in an audio file of a given length.

Trim Around Loop: Remove audio from before and/or after the loop label.

Trim Beginning Below: Remove audio from the beginning of a file that is below a given threshold.

Trim Beginning To: Remove audio from the beginning of a file for a given length.

Trim Beginning to Peak: Remove audio from the beginning of a file to the peak level of the audio.

Trim End Below: Remove audio from the end of a file that is below a given threshold.

Trim End For: Remove audio from the end of a file for a given length.

PROCESS

Change Frame Rate: Alter the length of the audio by the given source and result frames per second.

Change Length: Alter the length of the audio with a given length (with or without changing the pitch).

Change Pitch: Alter the pitch of the audio by a given offset in cents (with or without changing the length).

Change Speed: Alter the speed of the audio by a given factor (with or without changing the pitch).

Change Tempo: Alter the tempo of the audio with a given tempo (with or without changing the pitch).

Compress: Compresses the audio.

Expand: Expands the audio.

Process with Audio Unit: Process the audio with a given configured Audio Unit.

Remove DC: Remove the DC offset in an audio file.

Reverse: Reverse the audio of the file.

Transpose: Alter the pitch of the audio by a given octave and/or interval (with or without changing the length).

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PROPERTIES

Clear Properties: Clear metadata properties of a given category.

Fix Sample Rate: Change the sample rate of the audio file without resampling the audio.

Set ACID Property: Set an ACID-specific file property.

Set AIFF Property: Set an AIFF-specific file property.

Set Apple Loops Descriptors: Set descriptors for an Apple Loops file.

Set Apple Loops Instrument Property: Set the Instrument Property for an Apple Loops file.

Set Apple Loops Property: Set an Apple Loops-specific file property.

Set Broadcast WAVE Property: Set a Broadcast WAVE-specific file property.

Set CAF Property: Set a CAF-specific file property.

Set Date Property: Set a date-related property.
- Creation Date suppported in Quicktime and WAVE.
- Date supported in Ogg Vorbis and ID3.
- Start and End Date supported in Radio Traffic.
- Origination Date supported in Broadcast WAVE.
- Recorded Date supported in CAF.

Set ID3 Tag Property: Set an ID3 Tag property.

Set iTunes Property: Set an iTunes-specific file property.

Set MIDI Base Note from Semitone: Set the MIDI Base Note property from the detected semitone of the file. Supported in CAF, AIFF, and WAVE files.

Set MIDI Low Note & High Note: Set the MIDI Low Note and High Note properties. Supported in CAF, AIFF, and WAVE files.

Set Musical Key: Set the Musical Key property. Supported in Apple Loops and ACID files.

Set Musical Scale: Set the Musical Scale property. Supported in Apple Loops and ACID files.

Set Ogg Vorbis Property: Set an Ogg Vorbis-specific file property.

Set Playback Type: Set the Playback Type property. Supported in Apple Loops and ACID files.

Set Time Property: Set a time-related property.
- Start and End Time supported in Radio Traffic.
- Origination Time supported in Broadcast WAVE.

Set Time Signature: Set the Meter Numerator and Denominator properties. Supported in Apple Loops and ACID files.

Set WAVE Property: Set a WAVE-specific file property.

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MYRIAD

CREDITS

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CREDITS

Design by Joel Vaughan GRDB Framework
© 2015-2020 Gwendal Roué

LAME Framework
© 1998-2020, The LAME Group, https://lame.sourceforge.io/index.php

OAuth2Client
© 2012, nxtbgthng GmbH

ObjectiveDropboxOfficial.framework
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Ogg
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bspatch.c and bsdiff.c, from bsdiff 4.3
© 2003-2005 Colin Percival, http://www.daemonology.net/bsdiff/

sais.c and sais.c, from sais-lite (2010/08/07)
© 2008-2010 Yuta Mori, https://sites.google.com/site/yuta256/sais

SUDSAVerifier.m
© 2011 Mark Hamlin

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