

Creating a Timbre Library with Names and Descriptions Exporting a Timbre Library to Synclavier Go! and Synclavier Regen™.

Version 1.2

February 14, 2023

#### Streamlined "Convert All" for Synclavier Regen

Synclavier<sup>3</sup> Build 87 includes a new ability to convert an entire set .NEWDATA Timbre Files for use in Synclavier Regen.

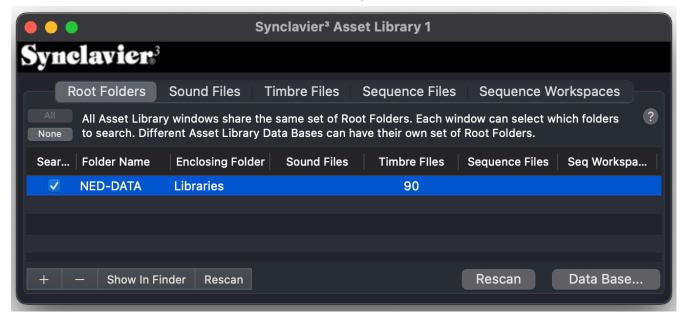
A typical original Synclavier installation would use different SUBCATALOGS to hold .NEWDATA files. Each .NEWDATA file holds 64 Timbres.

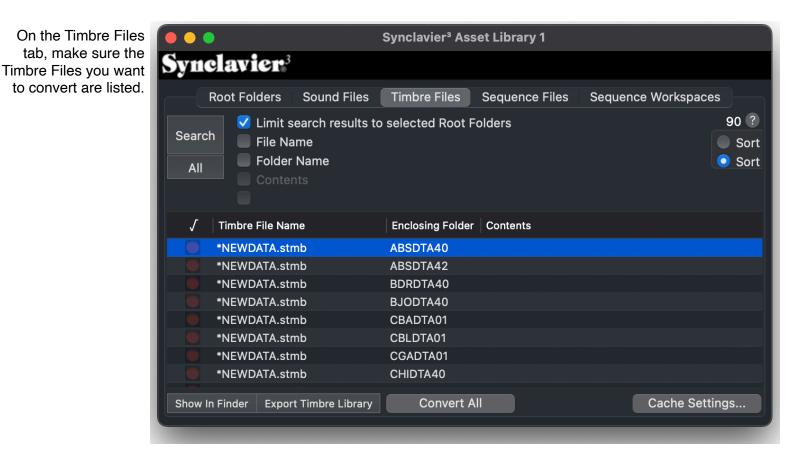
When a Synclavier hard drive is imported into Synclavier<sup>3</sup>, the resulting Macintosh folder hierarchy typically looks as shown to the right.

That is, there is one top-level enclosing folder ("NED-DATA") containing subfolders, with each subfolder containing one .NEWDATA file (imported as \*NEWDATA.stmb).

🔵 🔵 🌒 Synclavier	>> Q
	Search
Name ^	Date Modified
🗸 🛅 Libraries	Today at 1:03 PM
🗸 🚞 NED-DATA	May 31, 2022 at 7:39 PM
🗸 🚞 ABSDTA40	May 31, 2022 at 7:39 PM
*NEWDATA.stmb	May 31, 2022 at 7:34 PM
🗸 🚞 ABSDTA42	May 31, 2022 at 7:39 PM
*NEWDATA.stmb	May 31, 2022 at 7:34 PM
🗸 🚞 BDRDTA40	May 31, 2022 at 7:39 PM
*NEWDATA.stmb	May 31, 2022 at 7:34 PM
> 🚞 BJODTA40	May 31, 2022 at 7:39 PM
> 🚞 CBADTA01	May 31, 2022 at 7:39 PM
> 🚞 CBLDTA01	May 31, 2022 at 7:39 PM
> 🚞 CGADTA01	May 31, 2022 at 7:39 PM
> 🚞 CHIDTA40	May 31, 2022 at 7:39 PM
> 🚞 CLVDTA01	May 31, 2022 at 7:39 PM
> 🚞 CRADTA40	May 31, 2022 at 7:39 PM
> 🚞 DRMDTA40	May 31, 2022 at 7:39 PM
> 🚞 EBSDTA40	May 31, 2022 at 7:39 PM
> 🚞 FHNDTA40	May 31, 2022 at 7:39 PM
> 🚞 FHNDTA41	May 31, 2022 at 7:39 PM
> 🚞 FLGDTA40	May 31, 2022 at 7:39 PM
> 🚞 FLTDTA40	May 31, 2022 at 7:39 PM
🛄 CJ OS 1> 🔯 > 🛅 > 🛅 > 🚞 >	🖿 NED-DATA > 🛅 TPTDTA44

In Synclavier<sup>3</sup> set up a root folder for the top-level enclosing folder:





Then click Convert All.

Individual Timbre Files for Go! or Regen will be created in the same directory as each \*NEWDATA file:

e e e e e e e e e e e e e e e e e e e	Synclavier	>>>	Q Search
Name	A Date Modified		Size
🗸 🚞 Libraries	Today at 1:03 PM		
~ 🚞 NED-DATA	May 31, 2022 at 7:	39 PM	
~ 🚞 ABSDTA40	Today at 1:09 PM		
🖹 *NEWDATA.stmb	May 31, 2022 at 7:	34 PM	
📄 11-Entry.txt	Today at 1:09 PM		
📄 12-Entry.txt	Today at 1:09 PM		
📄 13-Entry.txt	Today at 1:09 PM		
🛄 14-Entry.txt	Today at 1:09 PM		
🛄 15-Entry.txt	Today at 1:09 PM		
🔝 16-Entry.txt	Today at 1:09 PM		
📄 17-Entry.txt	Today at 1:09 PM		
🛄 18-Entry.txt	Today at 1:09 PM		
Description.txt	Today at 1:09 PM		
~ 🚞 ABSDTA42	Today at 1:09 PM		
🖹 *NEWDATA.stmb	May 31, 2022 at 7:	34 PM	
🔚 11-Entry.txt	Today at 1:09 PM		
		Descri	ntion txt

Then copy the entire folder hierarchy out to the SD Card, into the Libraries folder on the SD Card.

In Regen, the folder hierarchy becomes a Library hierarchy.

# **SD-CARD LIBRARIES**

Timbre and Sample Libraries stored on your SD-Card

- 1. NED-DATA/...
- 2. .../ABSDTA40
- 3. ...**/ABSDTA42**
- 4. .../BDRDTA40
- 5. .../BJODTA40

)	•••	SD-CARD	>>	Q Search
·	Name			
	🗸 🚞 Librarie	es		
	v 🚞 NED	-DATA		
	🗸 🚞 🗸	BSDTA40		
		*NEWDATA.stmb		
		11-Entry.txt		
	P <sub>IX</sub>	12-Entry.txt		
	E-	13-Entry.txt		
	EL IX	14-Entry.txt		
	TXT I	15-Entry.txt		
	TXT	16-Entry.txt		
	TT I	17-Entry.txt		
	TXT I	18-Entry.txt		
	TXT	Description.txt		
	🗸 🚞 🗸	BSDTA42		
		*NEWDATA.stmb		
		11-Entry.txt		
	SD-CARD	> 🛅 Libraries > 🚞 User	<sup>r</sup> Library 1	

	1/ABSDTA40
The Timbres can be	
called up in Regen	1-1 PZ BASS 2V 6.04
	1-2 PZ BASS 2V 4.81
	1-3 PZ BASS 2V 3.97
	1-4 PZ BASS FF 2.74
	1-5 PZ BASS FF 1.55

#### <u>Soundfile</u>

As with original Synclavier, the soundfiles used by a patch list can be stored anywhere on the SD Card. The soundfile is loaded by name, which means duplicate filenames are will not work.

#### Indexing

When the SD Card is loaded into Regen an index is constructed. Constructing the index takes several seconds per thousand soundfiles. Although SD Cards can be quite large, storing more than 10,000 to 20,000 sound files on one SD Card might make it cumbersome to use due to the time it takes to index when it is inserted into Regen.

## Creating a Timbre Library with Names and Descriptions

Synclavier <sup>3</sup> Timbre Export
Synclavier <sup>3</sup>
Synclavier Go! stores Timbre Libraries in a Folder (directory) within the Documents Folder on your iPad device. The name of the Folder is the name of the Timbre Library. To move a Timbre Library to Synclavier Go!, begin by Exporting the Timbre File to your Macintosh using this window.
This export window lets you create a Timbre Library folder on your Mac and then writes 64 Timbres into that folder.
Select where to store the Timbre Library on your Mac using the Choose Libraries Path button. Your Mac Desktop is a perfectly suited location.
Choose your Libraries Path carefully; the Synclavier <sup>3</sup> Timbre Export function will overwrite exiting Entry files in the chosen Timbre Library folder.
Timbre Library Name
Timbre Disk 2
Enter/Edit Timbre Library Description
Timbre Disk 2
Libraries Path Show In Finder
/Users/cameronjones/Desktop/Timbre Libraries For Go!
Choose Libraries Path Export Cancel

Synclavier<sup>3</sup> Build 61 dated October 23, 2018 includes a new ability to enter textual descriptions for Timbre Libraries and individual Timbres.

Under the Window menu you will see an option to open the Timbre Name Window:

Window	Terminal	Control H			
Asset L	ЖL				
Termina					
Button Panel					
Sound F	¥1				
MIDI Pa	ЖP				
Timbre	Name	ЖN			
Enter Fi	ull Screen				
Timbre					

• • •	Synclavier <sup>3</sup> Timbre Name and Description	
Synclavi	ier <sup>3</sup>	
Activated Timbr	re Library Name	
NEWDATA copy	у	
Timbre Library De	scription. Use option-return to enter a newline character. Normally do not use a trailing	g newline.
shown; so the f Use option-reti etc.	otion of the timbre library. You can be wordy. Sometimes just the first parag first paragraph should be a summary. urn to make another paragraph. Genre, Artist, and some Tag words would be nice. Someday we will constru.	
Genre: Artist: Tags:		
Path	Paste Library Template	Show In Finder
	ones/Documents/Synclavier <sup>3</sup> /Timbres/NEWDATA copy	
Current Keyboa	rd Timbre Name	
2-4 Snare #4		
Timbre Descriptio	n. Use option-return to enter a newline character. Normally do not use a trailing newlir	ne.
This is the desc	cription	
Genre: Artist:		
Tags: key word		
lugo. key were		
	Out Table Tenalt	
	Paste Timbre Template	

#### Timbre Name and Description Window

The Timbre Name and Description Window provides for text entry of a Library Description and a Timbre Description. The descriptions are saved automatically, and can not be "reverted". Undo and typical Macintosh text editing rules apply. The full set of Unicode characters are be available.

**Note**: you use **option-return** to enter a 'new line' character. **Enter** and **Return** write the text description to disk.

#### **Basic Operation**

In Synclavier<sup>3</sup>, begin by "Activating" a Timbre Library using the Asset Library Window. The name of the Timbre Library is equal to the name of the file on disk. If you wish to assign a new name to the Timbre Library, you must rename the file on disk; see note below about renaming both the .stmb and .plist files.

The Timbre Library Name cannot be edited in the window; it is just shown for reference.

When you activate the Timbre Library, you will see its name on the top line, and its current description (if any) in the top edit area.

The **Paste Library Template** button will paste in a sample description template into the edit area (only available when the edit area is empty). Suggested indexable fields include Genre, Artist and Tag words.

The Timbre Library description is written to disk when the edit field is exited by clicking outside the edit area, or pressing **Enter**, or **Return**.

The **first paragraph** of the Library Description is shown by itself depending on available screen space, so ideally the first paragraph (up to the first newline character) should provide a brief description of the Library. Additional paragraphs of description will be observable in a scrolling window.

#### **Entering Timbre Descriptions**

Once the Timbre File is "activated", use the A Page in the Real Time Software to call up a Timbre to the keyboard. The Timbre Name will appear on the middle text row. The Timbre Name cannot be edited in the Timbre Name and Description window; it is shown for reference only. To change the Timbre Name, use the N command on the Real Time Software Main Menu page, and write the Timbre to disk (using the VK **Write** button).

Once the Timbre has been called up to the keyboard, you can add a Timbre Description in the lower text edit area. The Timbre Description is saved automatically on **Enter** and **Return**; you do not need to write the Timbre to disk to save its description.

Timbre Descriptions are only available when you call up a Timbre from the activated Timbre File; they are not available, for example, when a Timbre is called up to the keyboard from a Sequencer track with SKT.

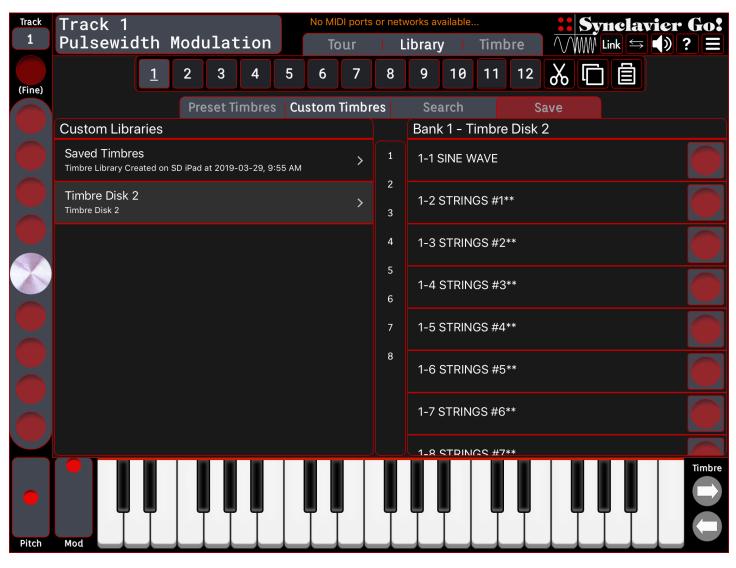
The **first paragraph** of the Timbre Description is shown by itself depending on available screen space, so ideally the first paragraph (up to the first newline character) should provide a brief description of the Timbre. Additional paragraphs of description will be observable in a scrolling window.

#### Copying Timbres and Banks between Timbre Files

Individual Timbres and Timbre Banks can be easily copied between Timbre Files in the expected fashion. The Timbre Descriptions should follow along with the Timbre and Bank movements.

#### Copy a Timbre Bank

- 1. Activate the first Timbre File
- 2. Read a Timbre Bank into memory using the **Bank** button on the VK, followed by 1 8.
- 3. Activate the second Timbre File
- 4. Write the Timbre Bank to disk pressing and holding Write, then Bank, then 1 8.



All 8 Timbres (and their descriptions) will be written to the second Timbre File.

#### Copy an Individual Timbre

- 1. Activate the first Timbre File
- Call up the Timbre to the keyboard from the A-page, or using **Bank**, then 1-8, then **Entry**, then 1 8.
- 3. Activate the second Timbre File
- 4. Write the Timbre to disk pressing and holding **Write**, then **Entry**, then 1 8. The current keyboard Timbre (and its description) will be written to the second Timbre File.

#### File Naming Convention

The Library Descriptions and Timbre Descriptions are stored in a file with extension .plist in the same directory as the Timbre File.

• • •	📄 Timbres			
		Q Search		
Back/Forward View	w Arrange Action	Search		
Name	Date Modified	Size	Kind	
📄 NEWDATA copy.pli	ist Sep 30, 2018 at 3:20 PM	2 KB	Property List	
NEWDATA copy.str	mb Sep 29, 2018 at 9:47 AM	305 KB	Synclavier Timbre File	

If files are moved between devices both files must be moved, and stored in the same directory. The files can be renamed as long as the names are identical and the extensions are preserved. The Timbre Library Descriptions and Timbre Descriptions may become searchable in a later software release.

# Exporting Timbres to Synclavier Go!

Timbre Libraries can be converted to an editable Synclavier Go! format by using the Timbre Export Window.

Begin by selecting a Timbre File in a Synclavier<sup>3</sup> Asset Library Window:

		Root Folders	Sound Files	Timbre Files	Sequence Files	Sequence Work	spaces
earch	_	mit search results e Name Con			bre Disk	Sort	9 t by Timbre File Name
All	🗌 Fo	ontents					by Enclosing Folder Na
	mbre File			Enclosing Fo		Con	itents
		sk 1.stmb sk 2.stmb		Timbre Libr Timbre Libr			
		sk 3.stmb		Timbre Libr			
📃 Tir	nbre Dis	sk 4.stmb		Timbre Libr	aries		
		sk 5.stmb		Timbre Libr			
		sk 6.stmb		Timbre Libr			
		sk 7.stmb sk 8.stmb		Timbre Libr Timbre Libr			
Tir	nbre Dis	sk 9.stmb		Timbre Libr	aries		

Then select "Export Timbre Library" from the segmented control at the bottom of the Asset Library Window.

When the export completes you will see a folder on your Mac containing the Timbre entry files.

🛑 😑 📄 Timbre Libraries For Go!						
		<b>☆</b> ~	Q Search			
Back/Forward View	Arrange	Action	Search			
Name	<ul> <li>Datified</li> </ul>	Size	Kind			
🔻 📄 Timbre Disk 2	12:33 PM		Folder			
1 11-Entry.txt	12:38 PM	245 bytes	TextWrangler text document			
12-Entry.txt	12:38 PM	3 KB	TextWrangler text document			
1 13-Entry.txt	12:38 PM	3 KB	TextWrangler text document			
1 14-Entry.txt	12:38 PM	3 KB	TextWrangler text document			
15-Entry.txt	12:38 PM	3 KB	TextWrangler text document			
1 16-Entry.txt	12:38 PM	2 KB	TextWrangler text document			
17-Entry.txt	12:38 PM	3 KB	TextWrangler text document			
18-Entry.txt	12:38 PM	3 KB	TextWrangler text document			
1 21-Entry.txt	12:38 PM	2 KB	TextWrangler text document			
1 22-Entry.txt	12:38 PM	2 KB	TextWrangler text document			
1 23-Entry.txt	12:38 PM	2 KB	TextWrangler text document			
1 24-Entry.txt	12:38 PM	2 KB	TextWrangler text document			
1 25-Entry.txt	12:38 PM	2 KB	TextWrangler text document			
🔜 10.10 👂 🔝 Users 👂 🏠 cameronjones 👂 🛅 Desktop 👂 🚞 Timbre Libraries For Go!						

### Moving Exported Timbres to Synclavier Go!

Then select "Export Timbre Library" from the segmented control at the bottom of the Asset Library Window.

iTunes File Sharing is described by Apple Support

#### https://support.apple.com/en-ca/HT201301

Older versions of iTunes do support iTunes file sharing but the documentation for the older versions is hard to find.



You can drag entire folders between your Mac and the "Synclavier Go! Documents" folder on your iPad. Synclavier Go! 1.15.2 and later will automatically update the Library panel when a folder is copied to the iPad.

You will find the Timbre Libraries on the "Custom Timbres" tab in Synclavier Go!