025:250 Composition: Electronic Media I

Basic Operations in ProTools

Sept. 5, 2001

1) Power up the studio and make the following patch connections:

Digi Out 1 -> Mackie In 1

Digi Out 2 -> Mackie In 2

Mackie Main Out 1 -> Alesis In 1

Mackie Main Out 2 -> Alesis In 2

Turn up the faders for Mackie mixer Input 1, Input 2, and Main.

2) a) Create a new folder in the Moog. Uers called "Your Name"

b) Create a subfolder in "Your Name" called "collection of sounds" as shown below



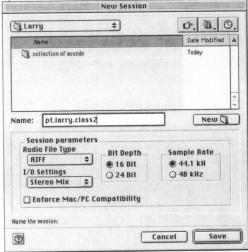
collection of sounds

- c) Insert your class CD of sounds into the computer and copy (by dragging) any sounds you like into "collection of sounds"
- 3) Launch ProTools as follows:

Select Apple Menu>EditMix.ProTools. A menu bar like the one below will appear.

File Edit AudioSuite MIDI Movie Operations Setups Display

b) Select File>New Session. A dialog window like the one below will appear.



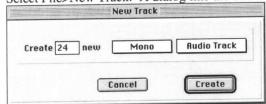
Set the window options to the ones shown above, provide a name for the session, and click Save. c)

Ignore the next window and instead go to the Finder and notice that the contents of "Your Name" are like the ones below:



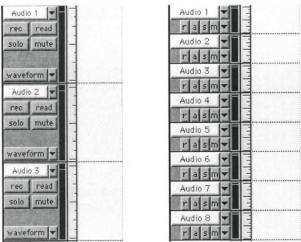
4) Return to ProTools and create an edit window as follows:

Select File>New Track. A dialog like the one below will appear.



b) Set the window options to the ones shown above and click Create.

Track controls like the ones below will appear. The controls on the left are medium-sized; the controls on the right are small-sized.



d) Functions of these controls will be discussed in class (or see the manual)

Name

rec

read

solo

mute

waveform, volume, etc

track height

5) The functions of the top control bar, like the one below will be discussed in (or see the manual).

Shuffle Spot , -	1.10	1-1	late on	1 40	R Start	0:00.000		Main	9:00.000		Grid	0:0	1.000 💌
Slip Grid				1	- End	0:00.000					Nudge	0:00.020	
→ 41-41 1/2/3	4151			Length		0:00:000		Sub	0:00.000		1:01.300		32768
o Min:Secs ▼ 9:00	0:10	₹:20	.0:30	0:40	.0:50	1:00	.1:10	1:20	1:30	1:40	1:50	2:00	2:10

Shuffle, spot

Slip

Grid

Zoom Views

Magnifying Glass

Trim

I-Beam Cursor

Grabber

Scrubber

Pencil

Time Views

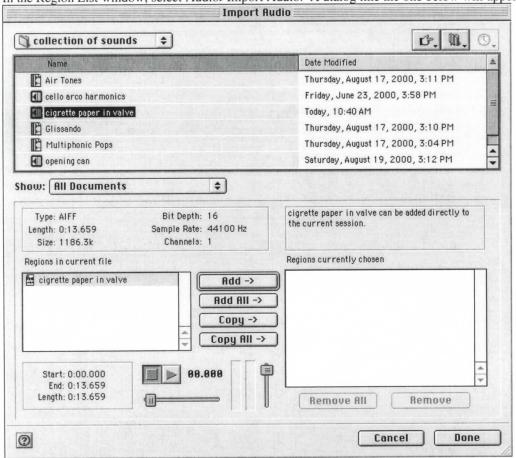
Meters

6) Track Lists and Region Lists can be resized and hidden, as shown below.



7) To import soundfiles into the session, do the following:

a) In the Region List window, select Audio>Import Audio. A dialog like the one below will appear.



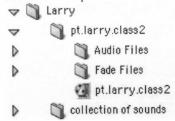
b) File info will be discussed in class:

Type Bit Depth

Length Sample Rate

Size Channels

c) Some file types can be added directly to the session (aiff, 44100 Hz, mono). The file will reside in "Collection of Sounds". Some file type need to be converted before being added to the session (SDII, .wav, 48000 Hz, stereo. This files will be converted and placed into the "Audio Files" Folder, shown below:



8) After making the selections you wish to import to the session, click Done. The edit window should look like the one below.

Shuffle Spot 4 - D		00	++ 100	0	0 0 Star				Main	B:88.888		Grid Nudge		
		112 314 51				End Length		0 00 000		9ub	8:88.888		No section	
Show /Hide	0	Min:Secs	₩0:00	0:10	वै:20	0:30	0:40	0:50	1:00	1:10	1:20	. 0	Audio	Ē
Audio 1 Audio 2 Audio 3 Audio 4 Audio 5 Audio 6 Audio 6 Audio 7 Audio 8 Audio 9 Audio 10	4 7 0	Audio 2 V F a sim V Audio 5 V F a sim V Audio 4 V F a sim V	Heritage March and Sales A.									A STATE OF THE STA	oigrette Multiphoi	1715
el (All)	- 41	Audio S V r a s m V Audio 6 V r a s m V	The last			10						4 + 4		1 1 1

9) To place a region (now called region instead of soundfile) into a track, click, hold, and drag the region to the track and location you want. Further operations will be discussed in class.

copy

waveform view

cut

volume view

paste

pan view

- 10) Any region in the edit window can be processed with Audio Suite Plug-Ins.
- 11) To play, press spacebar. To stop press return
- 12) Have a nice day.