Canal Street Studios Tape Database

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LIS-697– Database Design and Development
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Background

- Laurie Anderson - Avant-garde musician and artist who works in a variety of mediums.
- Works and records music in studio on Canal St, Canal Street Communications.
- Her studio is donating a lot of her archival materials to Mass MoCA this coming year.

Tape Digitization Project

- Canal Street Communications houses 750+ archival master audio tapes, spanning three decades.
- These tapes are currently being baked and digitized by an outside recording studio, the Magic Shop, in preparation for donation.
- Tapes are sent and returned to the Magic Shop in batches.
- Canal Street currently uses an Excel spreadsheet to record information about the digitization process and the tapes themselves.

Limitations of Spreadsheet Data

- Canal Street's current tape spreadsheet has 27 fields and contains info about 764 tapes, all in a single sheet.
- Hard to keep a spreadsheet that large normalized and consistent.
- Excel sheets are harder to share and update.
- Spreadsheet contains info about many different entities (the tapes themselves, the engineers at the Magic Shop, Anderson's musical collaborators).
- Some fields contain many values (all the track titles on a tape are stored in one column).

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Catalog #	QR Code	Status	Date Of Transfer	Transfer Engineer	Project Title	Song Titles	Recording Date	Media Type	Tape Speed	Sample Rate/Bit Depth	Master or Safety	Recording Studio
2			Baking										
57	LAA0455	#NAME?	Transferred	9/28/16	Ed McEntee	TBD	Tone Japan + Backstage Setup	4/3/86	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
58	LAA0456	#NAME?	Transferred	9/23/16	Ed McEntee	TBD	Tones Luna Park - End Japan Concert Backstage Setup	3/28/86	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
59	LAA0457	#NAME?	Transferred	9/26/16	Ed McEntee	TBD	Tones Mrs. Webb Laundry Interview Dialog 28 Mar - Sailing	3/24/86	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
60	LAA0458	#NAME?	Transferred	9/26/16	Ed McEntee	TBD	Tone Wild Sounds (Birds)	3/4/86	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
61	LAA0459	#NAME?	Transferred	9/22/16	Gabe Wilhelm	Home Of The Brave	Smoke Rings	7/29/85	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	No
62	LAA0460	#NAME?	Transferred	9/22/16	Gabe Wilhelm	Home Of The Brave	Language Is A Virus	7/29/85	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	No
63	LAA0461	#NAME?	Transferred	9/22/16	Gabe Wilhelm	Home Of The Brave	Language Is A Virus	7/29/85	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	No
64	LAA0462	#NAME?	Transferred	9/20/16	Gabe Wilhelm	Home Of The Brave	Language Is A VIRUS	7/29/85	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	No
65	LAA0463	#NAME?	Transferred	9/19/16	Gabe Wilhelm	Home Of The Brave	Language Is A Virus 1 Language Is A Virus 2 Blue Lagoon	7/29/85	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	No
66	LAA0464	#NAME?	Transferred	9/20/16	Gabe Wilhelm	Home Of The Brave	Smoke Rings	7/29/85	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	No
67	LAA0465	#NAME?	Transferred	9/20/16	Gabe Wilhelm	Home Of The Brave	Language Is A Virus 1 Language Is A Virus 2	7/29/85	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	No
68	LAA0466	#NAME?	Transferred	9/19/16	Ed McEntee	TBD	Unknown Song 1	1/1/1901	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
69	LAA0467	#NAME?	Transferred	9/20/16	Gabe Wilhelm	Strange Angels	N/A	5/22/90	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Safety	Sync Sound
70	LAA0468	#NAME?	Transferred	9/20/16	Gabe Wilhelm	Swimming To Cambo	Accordion Ceramic Drum/Flutes/Birds Bagpipes	1/1/87	1/4 inch, 1/2 track	15 IPS	24 bit/192 kHz	Master	Canal Street Comm
71	LAA0469	#NAME?	Transferred	9/21/16	Ed McEntee	Strange Angels	Kerjillion Of Stars "Edited Master"	1/1/1901	1/4 inch, 2 track	15 IPS	24 bit/192 kHz	Master	Skyline
72	LAA0470	#NAME?	Transferred	9/26/16	Ed McEntee	TBD	Subway Station Dance Studio People's Dreams On Street	4/11/86	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
73	LAA0471	#NAME?	Transferred	9/19/16	Ed McEntee	TBD	Footsteps On Gravel Scenes Lock Off - Footsteps Temple S	1/1/1901	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
74	LAA0472	#NAME?	Transferred	9/19/16	Ed McEntee	TBD	Footsteps On Gravel Scenes Lock Off - Footsteps Temple S	1/1/1901	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
75	LAA0473	#NAME?	Transferred	9/23/16	Ed McEntee	Sound FX	Tones Snow Melting, Water Dripping Outside At Various Sh	1/1/1901	1/4 inch, 2 track	7.5 IPS	24 bit/192 kHz	Master	No
76	LAA0474	#NAME?	Transferred	10/3/16	Alex Slohm	2-Feb	Computer 12/29 (?) Computer + Vox Computer + Vox Com	2/2/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
77	LAA0475	#NAME?	Transferred	9/28/16	Alex Slohm	2-Mar	Dark Side Invisible Indussible Joey "Nothing But" 24-track	3/3/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
78	LAA0476	#NAME?	Transferred	9/21/16	Kabir Hermon	Unknown	Vio W/ Voice Greg Sweet Island Guitar Dark Side	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
79	LAA0477	#NAME?	Transferred	10/3/16	Alex Slohm	4-Mar	Call me Whatever + Vio Snake Call Me the Captain: LA Ca	3/4/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
80	LAA0478	#NAME?	Transferred	9/21/16	Kabir Hermon	Unknown	14 from M8 w/ P169 Chips from M9 w P169 (Call Me) Marc	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
81	LAA0479	#NAME?	Transferred	9/22/16	Kabir Hermon	Songs and Stories Fr	3.17 Dark side Basic Call Me The Capt. Endless Blue 3.23	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
82	LAA0480	#NAME?	Transferred	9/22/16	Kabir Hermon	Unknown	VO Bank H 627 2.25 "Sharks" Tubes Write it Down Write it	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
83	LAA0481	#NAME?	Transferred	9/23/16	Kabir Hermon	Unknown	Starry Arch 2.3 2.4 Were This World	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
84	LAA0482	#NAME?											
85	LAA0483	#NAME?											
86	LAA0484	#NAME?											
87	LAA0485	#NAME?	Transferred	10/3/16	Alex Slohm	A-2 Auditions	Snake Keys Drum O'Hand / Rogen Bant	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
88	LAA0486	#NAME?	Transferred	9/16/16	Kabir Hermon	Nerve Bible	None listed	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
89	LAA0487	#NAME?	Transferred	9/15/16	Kabir Hermon	Auditions	Henry	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
90	LAA0488	#NAME?	Transferred	9/21/16	Kabir Hermon	Unknown	Bill ? Viola Bill ? Reads Bill ? Songs Lou Stubb	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
91	LAA0489	#NAME?	transferred	9/27/16	Alex Slohm	December 18	Dark Room - You Know Those Nights? Constellations Eye	12/18/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
92	LAA0490	#NAME?	Transferred	9/22/16	Kabir Hermon	Stick	Bass/Squeaks, Scratches Guitar / Distorted and Chords	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
93	LAA0491	#NAME?	Transferred	9/15/16	Kabir Hermon	Unknown	Cover Me S.I. PIP	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
94	LAA0492	#NAME?											
95	LAA0493	#NAME?	Transferred	9/15/16	Kabir Hermon	Unknown	None Listed	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
96	LAA0494	#NAME?	Transferred	9/15/16	Kabir Hermon	Unknown	KoKouko	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
97	LAA0495	#NAME?	Transferred	9/15/16	Kabir Hermon	Unknown	Snake	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
98	LAA0496	#NAME?		9/16/16	Kabir Hermon	Unknown	Currents Ombre Ombre	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
99	LAA0497	#NAME?	Transferred	9/15/16	Kabir Hermon	October 1997 Ideas	HAA EE YAH PROGRAM BLUBBER JULY 22 (JULY 97 #5	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
00	LAA0498	#NAME?	Transferred	9/27/16	Alex Slohm	November 11	Theramin Sparks Typewriting - typewriter bell Keyboard SF	11/11/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
01	LAA0499	#NAME?	Transferred	9/28/16	Alex Slohm	Dec 15	Noah Cover Sun Basic w/ bass b Cover Sun Basic "A" only	12/15/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
02	LAA0500	#NAME?	Transferred	9/28/16	Alex Slohm	Feb 28	Harpoon Harpoon m40 loop Harpoon m40 loop w/ tom Whe	2/28/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
03	LAA0501	#NAME?											
04	LAA0502	#NAME?	Transferred	9/21/16	Kabir Hermon	Unknown	Match LFO #@ 12 Thunder Hurricane Waves + Sizzle Wind	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
05	LAA0503	#NAME?											
06	LAA0504	#NAME?	Transferred	9/28/16	Alex Slohm	Dec #2 Ideas	10SU July 5 #1 July 5 2 guitar 3 July 5 3 guitar 7 July 5 6 V	12/2/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
07	LAA0505	#NAME?	Transferred	9/22/16	Kabir Hermon	Unknown	Sweet Island 5-End S.I. Torn (MM) Broken Sharks Harpoon	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
08	LAA0506	#NAME?											
09	LAA0507	#NAME?	Transferred	9/23/16	Kabir Hermon	Unknown	Sweet Island No Bridge Sweet Island New State Of Grace	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
10	LAA0508	#NAME?											
11	LAA0509	#NAME?											
12	LAA0510	#NAME?											
13	LAA0511	#NAME?	Transferred	9/21/16	Kabir Hermon	Unknown	Noah Basic - 52 guiro on hi click S.I.	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
14	LAA0512	#NAME?	Transferred	9/15/16	Kabir Hermon	Unknown	Wild Ones	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
15	LAA0513	#NAME?	Transferred	9/15/16	Kabir Hermon	Unknown	Oo La	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
16	LAA0514	#NAME?											
17	LAA0515	#NAME?	Transferred	9/22/16	Kabir Hermon	Unknown	Nice Wind! Beijing Wind and Rattles Underwater Light Bon	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
18	LAA0516	#NAME?	Transferred	9/23/16	Kabir Hermon	Unknown	Underwater Light Key Back	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
19	LAA0517	#NAME?	Transferred	9/27/16	Alex Slohm	1	Garden of Eden State of Grace Guitar Shuffle Chips Drums	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
20	LAA0518	#NAME?	Transferred	9/16/16	Kabir Hermon	Unknown	None Listed	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
21	LAA0519	#NAME?											
22	LAA0520	#NAME?	Transferred	9/15/16	Kabir Hermon	Unknown	Unknown	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown
23	LAA0521	#NAME?											
24	LAA0522	#NAME?											
25	LAA0523	#NAME?	Transferred	9/22/16	Kabir Hermon	Unknown	MM Bass MM Bass PIP End of MM Sharks Audite w/ cuts (	1/1/1901	DAT	N/A	16 bit/44.1 kHz	Master	Unknown

M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
Recording Studio	Concert Recording Venue	raison d'être Audio for Video	Producer	Engineer	Collaborators	Musicians	Quality Rating	Quality Notes	Archivist Notes	TapeBox Scans	Original Track Sheet	Total Running Time	Drive	Returne Canal St
o	No	Audio for Video	N/A	N/A	N/A	N/A	3	Very distant sound	Box notes are accurate	In folder	N/A	0:48:07	LAA #2	Yes
o	No	Audio for Video	N/A	N/A	N/A	N/A	7	Lots of backgroun	No track sheet included. Box notes are somewhat accurate	In folder	N/A	0:48:01	LAA #2	Yes
o	No	Audio for Video	N/A	N/A	N/A	N/A	4	Sounds distant an	Box notes seem accurate.	In folder	N/A	0:48:47	LAA #2	Yes
o	No	Audio for Video	N/A	N/A	N/A	N/A	2	Very distant sound	Not much info on the box.	In folder	N/A	0:47:48	LAA #2	Yes
o	No	Music for film	N/A	N/A	N/A	N/A	8	Sounds good	None	In folder	N/A	0:13:04	LAA #1	Yes
o	No	Music for film	Roma Baran	Leanne Ungar	N/A	N/A	8	Sounds good	None	In folder	N/A	0:16:56	LAA #1	Yes
o	No	Music for film	Roma Baran	Leanne Ungar	N/A	N/A	8	Sounds good	None	In folder	N/A	0:16:47	LAA #1	Yes
o	No	Music for film	Roma Baran	Leanne Ungar	N/A	N/A	8	Sounds good. Big	None	In folder	In folder	0:10:05	LAA #1	Yes
o	No	Music for film	Roma Baran	Leanne Ungar	N/A	N/A	7	None	SMPTE in R channel	In folder	In folder	0:12:29	LAA #1	Yes
o	No	Music for film	N/A	N/A	N/A	N/A	8	Sounds good	None	In folder	N/A	0:12:31	LAA #1	Yes
o	No	Music for film	Roma Baran	Leanne Ungar	N/A	N/A	8	Sounds good	None	In folder	In folder	0:11:21	LAA #1	Yes
o	No	TBD	N/A	N/A	N/A	N/A	8	Sounds good	No track sheet. Sounds good but not sure what it is	In folder	N/A	0:48:18	LAA #2	Yes
ync Sound	No	TBD	N/A	N/A	N/A	N/A	1	NO MUSICAL CO	None	In folder	N/A	0:05:25	LAA #1	Yes
anal Street Comm	No	TBD	N/A	N/A	N/A	T-Bone, Rufus Har	7	Sounds fine	None	In folder	N/A	0:03:52	LAA #1	Yes
kyline	No	Master mix tapes	Roma Baran	N/A	N/A	N/A	10	Sounds great	Tape box notes are accurate	In folder	N/A	0:06:03	LAA #2	Yes
o	No	Audio for Video	N/A	N/A	N/A	N/A	4	Very distant sound	Tape box notes seem accurate	In folder	N/A	0:48:01	LAA #2	Yes
o	No	Audio for Video	N/A	N/A	N/A	N/A	6	Sounds good	Some notes on tape box. There is SMPTE and Nagra sync tones on this tape for I	In folder	N/A	0:47:42	LAA #2	Yes
o	No	Audio for Video	N/A	N/A	N/A	N/A	6	Sounds good	Some notes on tape box. There is SMPTE and Nagra sync tones on this tape for I	In folder	N/A	0:47:42	LAA #2	Yes
o	No	Sound samples	N/A	N/A	N/A	N/A	4	Lots of noise	No track sheet included. Box notes seem somewhat accurate	In folder	N/A	0:48:13	LAA #2	Yes
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says Feb 2. No year indicated.	In folder	N/A	0:51:32	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says March 2.	In folder	N/A	0:52:02	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	March 3	In folder	N/A	1:05:35	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says March 4. No year indicated.	In folder	N/A	0:38:00	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked March 10	In folder	N/A	1:05:29	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked "March"	In folder	N/A	0:22:03	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as Feb 5	In folder	N/A	1:05:40	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as Feb 1 ideas	In folder	N/A	1:05:26	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says A-2. Track 3 is listed as "/", but I think that it means it's the same song.	In folder	N/A	1:01:50	LAA #3	
nknown	No	Rehearsal tapes	N/A	N/A	N/A	N/A	10	.	Marked as "April"	In folder	N/A	1:25:33	LAA #3	
nknown	No	TBD	N/A	N/A	N/A	N/A	10	.	A-4 Auditions	In folder	N/A	1:00:17	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked A-3 Auditions Lou	In folder	N/A	1:01:13	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert labeled as Dec 18.	In folder	N/A	1:16:28	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as "Stick"	In folder	N/A	0:13:21	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	FEB 8	In folder	N/A	1:05:39	LAA #3	
nknown	No	Rehearsal tapes	N/A	N/A	N/A	N/A	10	.	Marked Rehearsal Feb 00, AE Rehearsal Bits	In folder	N/A	0:40:16	LAA #3	
nknown	No	TBD	N/A	N/A	N/A	N/A	10	.	April 12	In folder	N/A	0:49:56	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	MARCH 8	In folder	N/A	1:01:53	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as "A-7"	In folder	N/A	0:05:05	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked "October 1997 Ideas"	In folder	N/A	0:59:28	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says November 11.	In folder	N/A	0:36:14	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert labeled as Dec 15. For Noah, there are notes on the track list that show the	In folder	N/A	1:03:28	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says Feb 28.	In folder	N/A	1:05:40	LAA #3	
nknown	No	Sound samples	N/A	N/A	N/A	N/A	10	.	Marked as "NOV 30"	In folder	N/A	0:14:01	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says Dec 2 Ideas.	In folder	N/A	0:30:14	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as Feb 10	In folder	N/A	0:32:06	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as Nov. 1	In folder	N/A	0:51:27	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as Dec 1	Pending	N/A	1:05:54	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Marked as "Wild Ones"	In folder	N/A	0:22:52	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	DEC 3	In folder	N/A	0:25:03	LAA #3	
nknown	No	Sound samples	N/A	N/A	N/A	N/A	10	.	Marked as Dec 4	In folder	N/A	1:03:39	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	.	Tape is marked "Jan 14"	In folder	N/A	0:44:28	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10	Good.	Insert says 01	In folder	N/A	1:05:06	LAA #3	
nknown	NO	Studio work tape	N/A	N/A	N/A	N/A	10	.	AUG 4	In folder	N/A	0:37:13	LAA #3	
nknown	No	Rough mix tapes	N/A	N/A	N/A	N/A	10	.	Illegible writing on tape. Scans included	In folder	N/A	0:04:16	LAA #3	
nknown	No	Studio work tape	N/A	N/A	N/A	N/A	10		Marked as L24	In folder	N/A	0:41:47	LAA #3	

User Needs

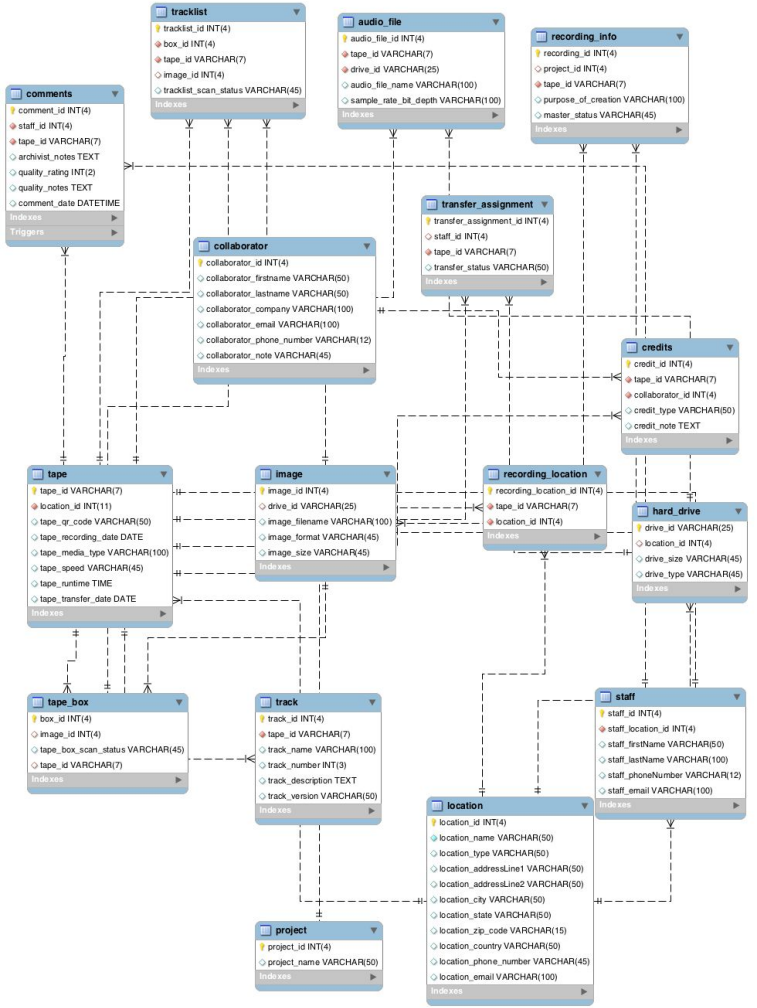
- Tracking digitization process and tape locations.
- Recording tapes' technical and production information and physical specs.
- Recording information about digital files generated from tapes (audio files, scans of tape boxes) and what hard drives they are stored on.
- Recording information about staff who are working on the tapes, and about people who are credited on the recordings (music producers, other musicians).

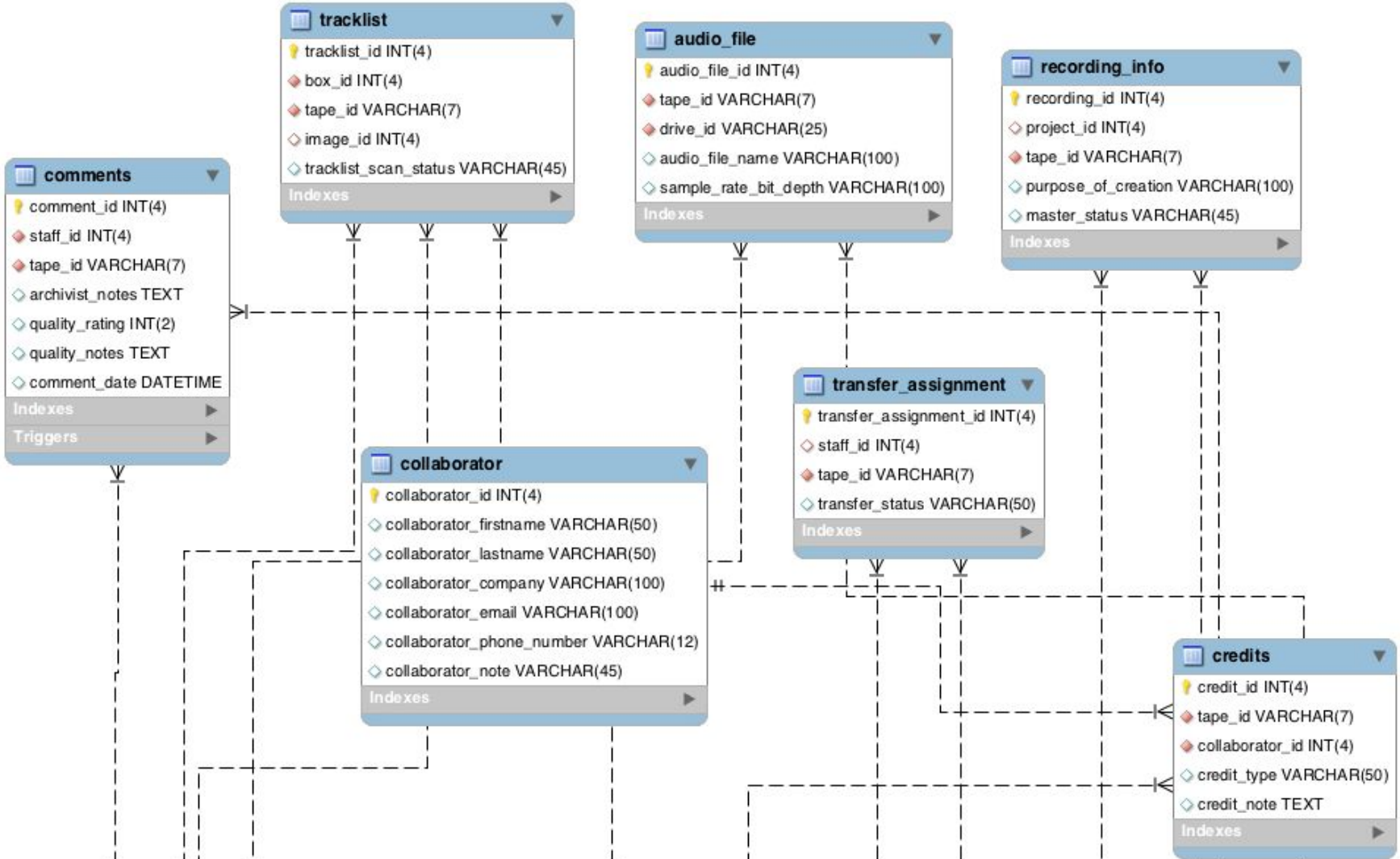
Business Rules

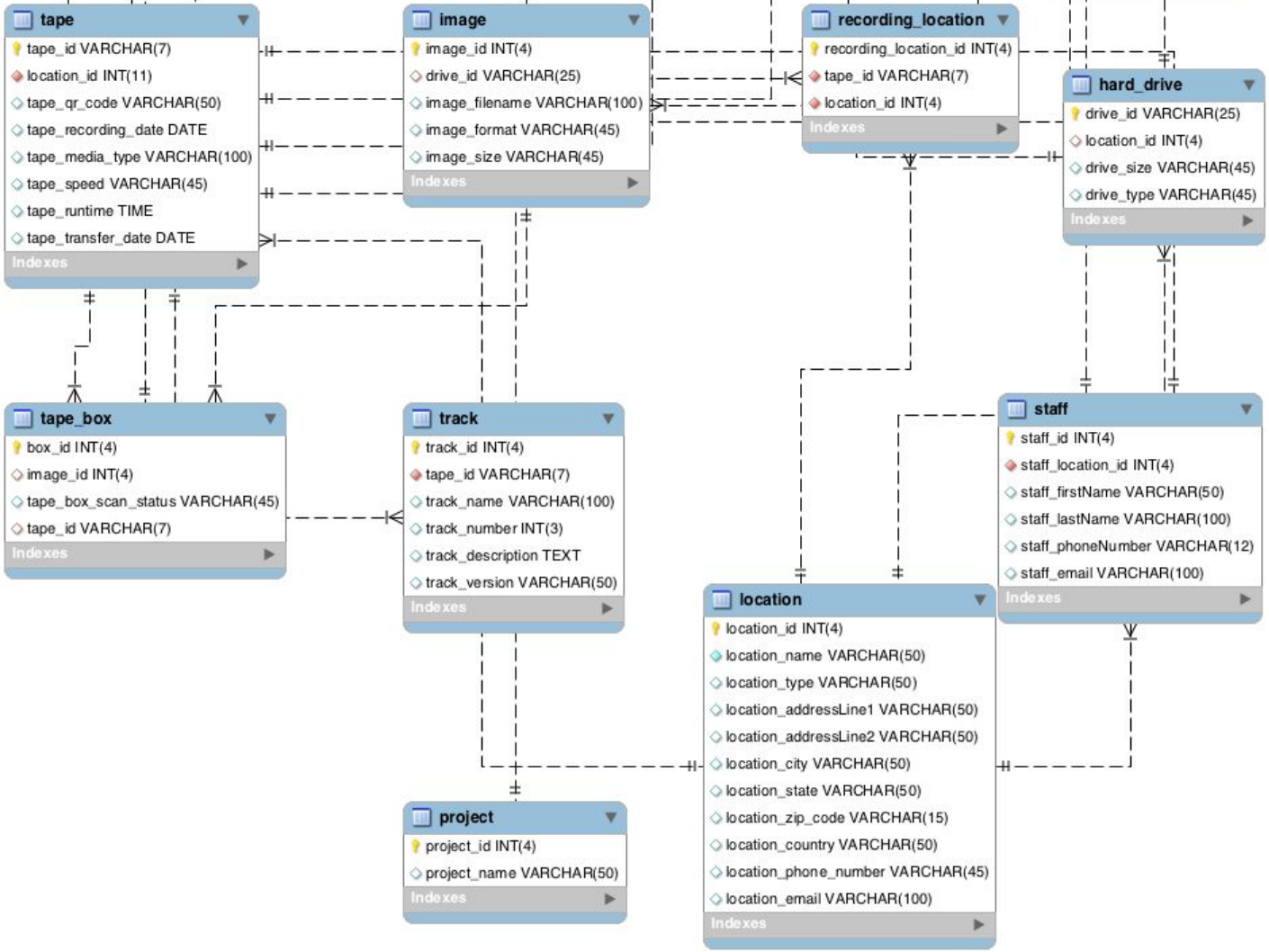
- Each tape has unique catalogue # (LAA0001, LAA0002, etc).
- Transfer status of tapes is updated as digitization process progresses (when tapes are baked, digitized, returned to Canal Street).
- The engineer at the Magic Shop who worked on the tape is noted. The engineers can also enter notes about the tapes and rate their audio quality.
- Details of recording on tape are captured, including recording venue, project recorded for, musicians appearing on, tracklist.

`canal_st_tapes`

- `audio_file`
- `collaborator`
- `comments`
- `credits`
- `hard_drive`
- `image
- `location`
- `project`
- `recoding_info`
- `recording_location`
- `staff`
- `tape`
- `tape_box`
- `track`
- `tracklist`
- `transfer_assignment`




tracklist
tracklist_id INT(4)
box_id INT(4)
tape_id VARCHAR(7)
image_id INT(4)
tracklist_scan_status VARCHAR(45)
Indexes
audio_file
audio_file_id INT(4)
tape_id VARCHAR(7)
drive_id VARCHAR(25)
audio_file_name VARCHAR(100)
sample_rate_bit_depth VARCHAR(100)
Indexes
recording_info
recording_id INT(4)
project_id INT(4)
tape_id VARCHAR(7)
purpose_of_creation VARCHAR(100)
master_status VARCHAR(45)
Indexes
comments
comment_id INT(4)
staff_id INT(4)
tape_id VARCHAR(7)
archivist_notes TEXT
quality_rating INT(2)
quality_notes TEXT
comment_date DATETIME
Indexes
Triggers
transfer_assignment
transfer_assignment_id INT(4)
staff_id INT(4)
tape_id VARCHAR(7)
transfer_status VARCHAR(50)
Indexes
collaborator
collaborator_id INT(4)
collaborator_firstname VARCHAR(50)
collaborator_lastname VARCHAR(50)
collaborator_company VARCHAR(100)
collaborator_email VARCHAR(100)
collaborator_phone_number VARCHAR(12)
collaborator_note VARCHAR(45)
Indexes
credits
credit_id INT(4)
tape_id VARCHAR(7)
collaborator_id INT(4)
credit_type VARCHAR(50)
credit_note TEXT
Indexes


tape
tape_id VARCHAR(7)
location_id INT(11)
tape_qr_code VARCHAR(50)
tape_recording_date DATE
tape_media_type VARCHAR(100)
tape_speed VARCHAR(45)
tape_runtime TIME
tape_transfer_date DATE
Indexes
image
image_id INT(4)
drive_id VARCHAR(25)
image_filename VARCHAR(100)
image_format VARCHAR(45)
image_size VARCHAR(45)
Indexes
recording_location
recording_location_id INT(4)
tape_id VARCHAR(7)
location_id INT(4)
Indexes
hard_drive
drive_id VARCHAR(25)
location_id INT(4)
drive_size VARCHAR(45)
drive_type VARCHAR(45)
Indexes
tape_box
box_id INT(4)
image_id INT(4)
tape_box_scan_status VARCHAR(45)
tape_id VARCHAR(7)
Indexes
track
track_id INT(4)
tape_id VARCHAR(7)
track_name VARCHAR(100)
track_number INT(3)
track_description TEXT
track_version VARCHAR(50)
Indexes
staff
staff_id INT(4)
staff_location_id INT(4)
staff_firstName VARCHAR(50)
staff_lastName VARCHAR(100)
staff_phoneNumber VARCHAR(12)
staff_email VARCHAR(100)
Indexes
location
location_id INT(4)
location_name VARCHAR(50)
location_type VARCHAR(50)
location_addressLine1 VARCHAR(50)
location_addressLine2 VARCHAR(50)
location_city VARCHAR(50)
location_state VARCHAR(50)
location_zip_code VARCHAR(15)
location_country VARCHAR(50)
location_phone_number VARCHAR(45)
location_email VARCHAR(100)
Indexes
project
project_id INT(4)
project_name VARCHAR(50)
Indexes

Canal-Street-Tapes

File Edit View Insert Format Data Tools Add-ons Help Last edit was 16 hours ago

mollie.echeve

Comments

Arial 10

Catalog #

	A	B	C	D	E	F	G	H	I	J	K	L	
1	Catalog #	QR Code	Status	Date Of Transfer	Transfer Enginee	Transfer Enginee	Project Title	Track 1	Track 2	Track 3	Track 4	Track 5	Track
2	LAA0001		Transferred	8/19/2016	Alex Slohm		Bright Red	Speak My Langu	Can't Fool You	Christmas			
3	LAA0002		Transferred	8/19/2016	Alex Slohm		Bright Red	Low Violin	Muddy River				
4	LAA0003		Transferred	8/19/2016	Alex Slohm		Bright Red	Speechless	The List	World Without End			
5	LAA0004		Transferred	8/22/2016	Alex Slohm			Thursday	What I Believe				
6	LAA0005		Transferred	8/22/2016	Alex Slohm		Bright Red	Tight Rope	Same Time Tomorrow				
7	LAA0006		Transferred	8/19/2016	Alex Slohm			Various Scenes	noted on transfer report.				
8	LAA0007		Transferred	8/18/2016	Alex Slohm		Strange Angels	Babydoll	Progress				
9	LAA0008		Transferred	8/23/2016	Alex Slohm		Strange Angels	Baby Doll, Maste	Baby Doll -I edit pieces				
10	LAA0009		Transferred	8/23/2016	Alex Slohm		This Is The Pictu	This Is The Picture					
11	LAA0010		Transferred		Alex Slohm		This Is The Pictu	This Is The Picture					
12	LAA0011		Baked										
13	LAA0012		Baked										
14	LAA0013		Baked										
15	LAA0014		Baked										
16	LAA0015		Baked										
17	LAA0016		Baked										
18	LAA0017		Baked										
19	LAA0018		Baked										
20	LAA0019		Baked	8/23/2016									
21	LAA0020		Transferred	8/23/2016	Alex Slohm		Bright Red	Poison	Puppet Motel				

Transfer Assignment | Project | Track | Collaborator | Credits | Credit_Clean | Recording Info | Comments | Staff | Location

A power tool for working with messy data.

- Create Project
- Open Project
- Import Project
- Language Settings

	Last modified	Name
	today 2:17 AM	Recording_Location_Recording_Studio
	today 2:11 AM	Recording_Location
	yesterday 11:51 PM	Credit_Clean csv
	yesterday 11:49 PM	Credits
	yesterday 5:42 PM	Track
	yesterday 4:07 AM	Recording Info
	yesterday 3:05 AM	projectid csv
	yesterday 2:56 AM	Credit
	yesterday 2:40 AM	Collaborator
	yesterday 2:10 AM	Tape Box
	yesterday 1:49 AM	Audio File
rename	yesterday 1:41 AM	Hard Drive
	yesterday 1:32 AM	Transfer Assignment
	yesterday 1:18 AM	Project
	yesterday 0:49 AM	Comments
	2 days ago	Tape
	2 days ago	Staff
	2 days ago	Location
	2 days ago	Canal Street Tapes - Everything

Recording_Location Permalink

Facet / Filter | **Undo / Redo** 11

Extract… Apply…

Filter:

0. Create project
1. Remove column Recording Studio 1
2. Remove column Recording Studio 2
3. Remove column Recording Studio 3
4. Remove 744 rows
5. Create new column location type based on column Concert Recording Venue by filling 20 rows with grel:"concert venue"
6. Mass edit 1 cells in column Concert Recording Venue
7. Mass edit 13 cells in column Concert Recording Venue
8. Mass edit 2 cells in column Concert Recording Venue
9. Mass edit 1 cells in column Concert Recording Venue
10. Mass edit 2 cells in column Concert Recording Venue
11. Mass edit 1 cells in column Concert Recording Venue

20 rows

Show as: **rows** records Show: 5 10 25 **50** rows

All	Catalog #	Concert Recordi	location type
1.	LAA0154	14	concert venue
2.	LAA0228	6	concert venue
3.	LAA0229	6	concert venue
4.	LAA0230	6	concert venue
5.	LAA0231	6	concert venue
6.	LAA0232	6	concert venue
7.	LAA0233	6	concert venue
8.	LAA0234	6	concert venue
9.	LAA0235	6	concert venue
10.	LAA0236	6	concert venue
11.	LAA0237	6	concert venue
12.	LAA0238	6	concert venue
13.	LAA0242	6	concert venue
14.	LAA0243	6	concert venue
15.	LAA0298	7	concert venue
16.	LAA0342	5	concert venue
17.	LAA0365	7	concert venue
18.	LAA0409	29	concert venue
19.	LAA0436	17	concert venue
20.	LAA0437	17	concert venue

```
1 SELECT * FROM canal_st_tapes.location;
```

100% 1:1

Result Grid | Filter Rows: Search | Edit: | Export/Import:

location_id	location_name	location_type	location_addressLine1	location_addressLin...	location_city	location_state	location_zip_code	location_count
2	39th Street Music Productions INC	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
3	A&R Recording	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
4	ABC Radio Sydney Australia	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
5	American Repertory Theater	concert venue	NULL	NULL	NULL	NULL	NULL	NULL
6	B.A.M.	concert venue	NULL	NULL	NULL	NULL	NULL	NULL
7	Beacon Theatre	concert venue	NULL	NULL	NULL	NULL	NULL	NULL
8	Bearsville Studios	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
9	Blue Rock Studio	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
10	Canal Street Communications	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
11	Electric Lady Studios	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
12	Hit Factory	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
13	Kampo Cultural Center	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
14	KCRW	concert venue	NULL	NULL	NULL	NULL	NULL	NULL
15	Litho	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
16	Masterdisk	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
17	Paramount Theater	concert venue	NULL	NULL	NULL	NULL	NULL	NULL
18	Platinum Island Recording Studios	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
19	RCA Studio B	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
20	Right Track Recording	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
21	Rock Systems Audio	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
22	RPM Sound Studios	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
23	Skyline Studios	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
24	Sorcerer Sound	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
25	Soundtrack	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
26	Soundworks	recording studio	NULL	NULL	NULL	NULL	NULL	NULL
27	Sync Sound	recording studio	NULL	NULL	NULL	NULL	NULL	NULL

```
1 SELECT * FROM canal_st_tapes.tape;
```

100% 1:1

Result Grid | Filter Rows: Search | Edit: | Export/Import:

tape_id	location_id	tape_qr_code	tape_recording_date	tape_media_type	tape_speed	tape_runtime	tape_transfer_date
LAA0001	10		1994-05-05	2 inch, 24 track	30 IPS	00:17:00	2016-08-19
LAA0002	10		1994-05-05	2 inch, 24 track	30 IPS	00:17:00	2016-08-19
LAA0003	10		1984-05-06	2 inch, 24 track	30 IPS	00:17:00	2016-08-19
LAA0004	10		1994-05-05	2 inch, 24 track	30 IPS	00:17:00	2016-08-22
LAA0005	10		1994-05-06	2 inch, 24 track	30 IPS	00:17:00	2016-08-22
LAA0006	10		NULL	2 inch, 16 track	15 IPS	00:32:59	2016-08-19
LAA0007	10		1989-01-21	2 inch, 24 track	30 IPS	00:17:30	2016-08-18
LAA0008	30		1984-07-08	2 inch, 24 track	30 IPS	00:17:06	2016-08-23
LAA0009	10		1984-07-08	2 inch, 24 track	30 IPS	00:17:05	2016-08-23
LAA0010	10		NULL	2 inch, 24 track	30 IPS	NULL	NULL
LAA0011	30		NULL		1/2" 2 track"	NULL	NULL
LAA0012	30		NULL		1/2" 2 track"	NULL	NULL
LAA0013	30		NULL		1/2" 2 track"	NULL	NULL
LAA0014	30		NULL		1/2" 2 track"	NULL	NULL
LAA0015	30		NULL		1/2" 2 track"	NULL	NULL
LAA0016	30		NULL		1/2" 2 track"	NULL	NULL
LAA0017	30		NULL		1/2" 2 track"	NULL	NULL
LAA0018	30		NULL		1/2" 2 track"	NULL	NULL
LAA0019	30		1993-08-20		1/2" 2 track"	00:12:00	2016-08-23
LAA0020	10		1994-05-06	2 inch, 24 track	30 IPS	00:17:00	2016-08-23
LAA0021	10		1994-05-03	2 inch, 24 track	30 IPS	00:22:10	2016-08-24
LAA0022	10		1993-08-24	2 inch, 24 track	30 IPS Varispeed	00:17:45	2016-09-06
LAA0023	10		1994-05-05	2 inch, 24 track	Varispeed	00:17:00	2016-08-23
LAA0024	10		1983-07-18	2 inch, 24 track	30 IPS	00:17:05	2016-08-30
LAA0025	10		NULL	2 inch, 24 track	30 IPS	00:15:00	2016-09-01
LAA0026	10		1989-02-14	2 inch, 24 track	30 IPS	00:18:11	2016-08-24

```
1  USE canal_st_tapes;
2
3  INSERT INTO credits VALUES ( NULL, 'LAA0001',
4  (SELECT collaborator_id FROM collaborator
5  WHERE collaborator_firstname='Brian' AND collaborator_lastname='Eno'), 'consultation','Oblique Strategies' );
6
```

credit_id	tape_id	collaborator_id	credit_type	credit_note
180	LAA0003	9	percussion	NULL
181	LAA0005	15	guitar	NULL
182	LAA0022	15	guitar	NULL
183	LAA0081	1	musician	NULL
184	LAA0130	45	keys	NULL
185	LAA0468	50	musician	NULL
186	LAA0003	24	drums	NULL
187	LAA0081	11	musician	NULL
188	LAA0239	42	musician	NULL
189	LAA0003	6	treatments	NULL
190	LAA0239	49	musician	NULL
191	LAA0003	6	keyboards	NULL
192	LAA0003	3	bass	NULL
193	LAA0003	17	accordion	NULL
194	LAA0003	15	guitar	NULL
195	LAA0003	28	treatments	NULL
198	LAA0001	6	consultation	NULL
199	LAA0001	6	consultation	Oblique Strategies
NULL	NULL	NULL	NULL	NULL

```
1  USE canal_st_tapes;
2
3  SELECT r.tape_id as 'Catalog #',
4  CONCAT(l.collaborator_firstname, ' ', l.collaborator_lastname) AS 'Name',
5  r.credit_type AS 'Credit',
6  o.location_name as 'Recording Venue',
7  o.location_type as 'Recording Venue Type'
8  FROM collaborator AS l
9  INNER JOIN credits r ON
10 l.collaborator_id=r.collaborator_id
11 INNER JOIN recording_location c
12 ON r.tape_id=c.tape_id
13 INNER JOIN location o on
14 c.location_id=o.location_id WHERE r.tape_id IN (SELECT r.tape_id from collaborator WHERE r.tape_id='LAA0279');
15
```

75% 1:7

Result Grid Filter Rows: Search Export:

Catalog #	Name	Credit	Recording Venue	Recording Venue Type
LAA0279	Brian Eno	producer	Skyline Studios	recording studio
LAA0279	Joe Ferla	engineer	Skyline Studios	recording studio
LAA0279	Brian Eno	treatments	Skyline Studios	recording studio

```sql
USE canal_st_tapes;

SELECT DISTINCT(p.project_name) as 'Project', YEAR(t.tape_recording_date) as 'Year' From tape t
INNER JOIN recording_info ri on t.tape_id=ri.tape_id
INNER JOIN project p on ri.project_id=p.project_id
WHERE tape_recording_date IN (SELECT tape_recording_date from tape where
YEAR(tape_recording_date)='1984');
```

100% 1:8

Result Grid Filter Rows: Search Export:

Project	Year
Benefit	1984
Biscuit Productions	1984
Bright Red	1984
Good Morning Mr. Orwell	1984
Mister Heartbreak	1984
Sound Samples	1984
Source	1984
Strange Angels	1984
The Keep	1984
This Is The Picture	1984
Tour '86 Basics	1984
United States	1984
What You Mean We?	1984

```
1 • SELECT * FROM canal_st_tapes.recordings_for_mister_heartbreak;
```

100% 1:1

Result Grid | Filter Rows: Search | Export:

Project	Tape #	Track Name	Track Number	Track Type	Master	Description	Version
Mister Heartbreak	LAA0038	Tones Reel	NULL	Record Multi-Track	Master	NULL	NULL
Mister Heartbreak	LAA0040	Sharkey's Day	NULL	Record Multi-Track	Master	NULL	NULL
Mister Heartbreak	LAA0041	Sharkey's Night	NULL	Record Multi-Track	Master	NULL	NULL
Mister Heartbreak	LAA0042	Language of Love	NULL	Record Multi-Track	Master	NULL	NULL
Mister Heartbreak	LAA0052	Drum Loop	NULL	Studio Work Tape	Master	NULL	NULL
Mister Heartbreak	LAA0052	Drum/Synth Loop	NULL	Studio Work Tape	Master	NULL	NULL
Mister Heartbreak	LAA0052	Long Time No See 1	NULL	Studio Work Tape	Master	NULL	NULL
Mister Heartbreak	LAA0052	Long Time No See 2	NULL	Studio Work Tape	Master	NULL	NULL
Mister Heartbreak	LAA0052	Long Time No See 3	NULL	Studio Work Tape	Master	NULL	NULL
Mister Heartbreak	LAA0052	Synth/Sample Loop	NULL	Studio Work Tape	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku, RM1	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM2	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM3	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM4	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM5	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM6	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM7	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM8	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0068	Kokoku RM9	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0069	Blue Lagoon	NULL	Record Multi-Track	Master	NULL	NULL
Mister Heartbreak	LAA0080	This Is The Picture, Lin…	NULL	Sound Samples	Master	NULL	NULL
Mister Heartbreak	LAA0080	This Is The Picture (Li…	NULL	Sound Samples	Master	NULL	NULL
Mister Heartbreak	LAA0080	This Is The Picture (Li…	NULL	Sound Samples	Master	NULL	NULL
Mister Heartbreak	LAA0080	This Is The Picture (Li…	NULL	Sound Samples	Master	NULL	NULL
Mister Heartbreak	LAA0080	This Is The Picture (Li…	NULL	Sound Samples	Master	NULL	NULL
Mister Heartbreak	LAA0080	This Is The Picture (Li…	NULL	Sound Samples	Master	NULL	NULL
Mister Heartbreak	LAA0082	Gravity's Angel RM1	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0082	Gravity's Angel RM2	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0082	Gravity's Angel RM3	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0082	Gravity's Angel RM4	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0082	Gravity's Angel RM5	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0082	Gravity's Angel RM6	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0083	Kokoku, RM1	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0083	Kokoku RM2	NULL	Rough Mix Tapes	Master	NULL	NULL
Mister Heartbreak	LAA0083	Kokoku RM3	NULL	Rough Mix Tapes	Master	NULL	NULL

Possible Future Directions

- GUI interface creation
- Add XML metadata for table contents (PBCore?)
- Add audio files/scanned images of tape boxes as BLOB data
- Add QR codes on tapes
- Links to album URIs on Discogs/MusicBrainz
- Formatting for intake into Mass MoCA CMS (ArchivesSpace?, TMS?)

Questions?