

Paul Dougherty Application Profile (in progress) using PBCore standard

-----Entity/Class: Camera Masters (Table) ----- Foreign Keys are in Red

Element Name	<u>_PK_CM_code</u> (abbrev. For Camera Master code)
Data element	instantiationIdentifier
Definition	unique code for every Camera Master (Primary Key)
Expected values	Unique string
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	Interviewee initials (of interviewee) followed by a number ...like JV01 The # would typically be 1 or 2 and = (as in) reel 1 & 2

Element Name	Interviewee code (I-code) from (abbrev <u>_FK_PERSON_initials</u>)
Data element	Local element
Definition	I-code is a CV* from the <i>Interviewee Table</i> which will contain their names etc
Expected values	Unique string (based on person's initials)
Repeatability	Not-Repeatable
Cardinality	Mandatory
Notes	Initials used to make the code "human readable." plus underscore & # Connected in FileMaker to codes in Interviewee Table

Element Name	<u>_FK_location_CM</u> (Foreign Key)
Data element	local
Definition	code that will connect each CM to a location in the Location table
Expected values	unique string
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	*Location Code somewhat human readable in so far as locale (place name like "apt" or safety deposit box)

Element Name	Reel#
Data element	local
Definition	Series # w/in interview session (usually 1 to 3)
Expected values	text
Repeatability	Not-Repeatable
Cardinality	Not Mandatory
Notes	See end note re. Seth Kaufman.

Element Name	date
Data element	instantiationDate
Definition	date of interview
Expected values	W3C Complete date: YYYY-MM-DD (eg 1997-07-16)
Repeatability	Not Repeatable
Cardinality	Not mandatory
Notes	Shoot date (recording) formatted 2007-06-02 (FM doesn't do "dash" periods used

Element Name	2nd_unit
Data element	Local element
Definition	This field is filled in "Yes" if there is a B camera "No" if not.
Expected values	Yes or No
Repeatability	Not Repeatable
Cardinality	Not Mandatory
Notes	

Element Name	duration
Data element	instantiationDuration
Definition	Duration or running time
Expected values	integer
Repeatability	Not Repeatable
Cardinality	Not Mandatory
Notes	Rounded out to nearest minute. This data type is Time in Filemaker

Element Name	release
Data element	instantiationRights/rightsSummary
Definition	What type of Interviewee “talent” release was used
Expected values	Text (local controlled vocabulary on type of personal release
Repeatability	Not Repeatable
Cardinality	Not Mandatory
Notes	“The rightsSummary element is used as a general free-text element to identify (snip) property rights” local controlled vocabulary on type of personal release. My controlled vocab = old, primary and custom (when amended by Interviewee)

Element Name	Mic_to_trk
Data element	instantiationEssenceTrack/essenceTrackAnnotation
Definition	microphone to audio track assignment
Expected values	Text (local controlled vocabulary describing mic to track assignment
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	Example <essenceTrackAnnotation annotationType="Microphone assignment">ch1 Interviewee, ch2 Interviewer</essenceTrackAnnotation> controlled vocab = standard, switched & boom_lav

-----Entity/Class: Interviewee (Table) -----

Element Name	<u>_PK_PERSON_id_</u> initials Interviewee id code = initials (Primary Key)
Data element	Local element
Definition	Interviewee id code = person's initials to make it readable (see note)
Expected values	Unique string (See notes)
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	Going with initials as the basis of an Interviewee id code with the addition an underscore and a number to make it truly unique within this database.

Element Name	last_name
Data element	pbcoreContributor (see below qualification)
Definition	Interviewee's last name
Expected values	text
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	<i>Interviewee is (effectively) a record in the Interviewee Table, taken as a whole (record) it would be... pbcoreContributor/contributor = John Doe contributorRole = Interviewee (but this doesn't *exactly* apply to first or last name in isolation)</i>

Element Name	first_name
Data element	pbcoreContributor (see below qualification)
Definition	Interviewee's first name
Expected values	text
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	<i>Interviewee is (effectively) a record in the Interviewee Table, taken as a whole (record) it would be... pbcoreContributor/contributor = John Doe contributorRole = Interviewee (but this doesn't *exactly* apply to first or last name in isolation)</i>

Protection Copies (Class / Table) - lists all of them, typically each mstr has several PC's

Element Name	<u>__PK_PROT_code</u> (Primary Key)
Data element	instantiationIdentifier
Definition	Code for each Protection Master
Expected values	unique string - code for every Protection Copy (Primary Key)
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	The PC_code will be constructed by starting with the master tape code (from which Prot Copy is derived) and then adding PC1 (for prot. Copy #1) as in JV02_PC1

Element Name	<u>_FK_CM_number</u> (Foreign Key)
Data element	instantiationIdentifier
Definition	code will connect each PC to parent Camera Master(s) record (in CM table)
Expected values	Unique string - code for every Camera Master (created in CM table)
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	The CM_number is defined in the CM table (and is a Primary Key there) – in this Protection Copy table it is appears/used as a Foreign Key

Element Name	<u>_FK_location_PC</u> (Foreign Key)
Data element	Local element
Definition	code that will connect each PC to a location (code) in the Location table
Expected values	unique string
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	*Location Code somewhat human readable in so far as locale (place name like “apt” or safety deposit box) will be abbreviated as “a” or “s” and cabinet will be named “wood” or “white”

Element Name	prot_format
Data element	instantiationPhysical
Definition	format of Protection Copy (PC)
Expected values	controlled vocabulary from Open Metadata Registry of PBcore vocabulary
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	Vocabulary: Show detail for PBCore instantiationPhysical For example http://metadataregistry.org/concept/list/page/3/vocabulary_id/145.html

Element Name	dig_clone
Data element	Local Element
Definition	Yes or No - is the PC a Digital Clone of the Camera Master?
Expected values	Yes / No
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	See end note about clone

Element Name	match_TC
Data element	pbcoreAnnotation
Definition	Yes or No does the timecode on PC match the Camera Master?
Expected values	Yes / No
Repeatability	Not Repeatable
Cardinality	Not Mandatory
Notes	To keep things granular & discreet this will be the only use of pbcoreAnnotation

Location (Class / Table) any given tape (CM or PC) can have only one location

Element Name	<code>__PK_LOC_CODE</code> (location code)
Data element	local
Definition	code for storage location – somewhat human readable (abbrev*)
Expected values	Unique string (See notes)
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	<p>*Location Code somewhat human readable see earlier LOC_CODE notes</p> <p><code><instantiationIdentifier>123456</instantiationIdentifier></code> <code><instantiationLocation>Shelf 46, Row 3</instantiationLocation></code></p> <p>I believe one could assign this element to instantiationIdentifier is akin to above example from PBcore but my understanding of PBcore is not nuanced enough. (see end notes). One difference is that my id is human readable (not a arbitrary #) and is derived from the location value.</p>

Element Name	locale
Data element	instantiationLocation
Definition	this would be a place name like “safety deposit box” or “apt”
Expected values	Text from local vocabulary
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	See above PBcore example shelf is akin to locale & cabinet is akin to row

Element Name	cabinet
Data element	instantiationLocation
Definition	this would be a storage unit (shelf or box) in (say) apt w/ name like “wood”.
Expected values	Text from local vocabulary
Repeatability	Not Repeatable
Cardinality	Mandatory
Notes	cabinet might be abbreviated (readable) within the code name. Cabinet name might be “white” or “wood.”

End notes for Application Profile (more notes at end of Physical Model doc)

To better mirror this Physical Model (diagram) - code fields will be listed twice... both where they originate (as Primary keys **__PK** in their "native" table) and the 2nd time, where they appear in another table as Foreign Keys (**_FK**).

I have provided the most detailed notes about elements (codes) in their native Table, where they are primary keys.

We discussed in e-mail that (following your advice) that I should not be too strict at first with making (entering) values required "leave it open until you see some use cases." I agree, yet some of these same fields do have value lists – but that info might not be handy at the time of the first pass at data entry (such as mic assignment, release forms, etc.)

I believe one could assign this element LOC_CODE (location code) to instantiationIdentifier as it is akin to above XML example from PBcore but my understanding of PBcore is not nuanced enough and in my profile instantiationIdentifier will remain a tape id code only.

Regarding reel# I've decided to take cue from Seth Kaufman of Collective Access who deems the "reel 2 of 3" aka 2/3 to be a non-standard "legacy" assignation and keep it local. It is conceivable that it could be made to work with instantiationRelationType but this db is not treating the (many part) interview as a defined entity. Rebecca Fraimow had suggested this...

pbcoreRelationIdentifier: 102 (in my case JV02)
pbcoreRelationType: is 2 of 3

To differentiate the Camera Master code from the new version of the Interviewee code that contains a # after the initials, I add an underscore after the initials in the Interviewee code.

I realize that the way digital clone* applies to my collection is non-standard. I'll spare you the details but all my digital (tape) protection copies exactly mirror the audio-video data, but some don't have matching TC. Hence these are not standard digital clones.

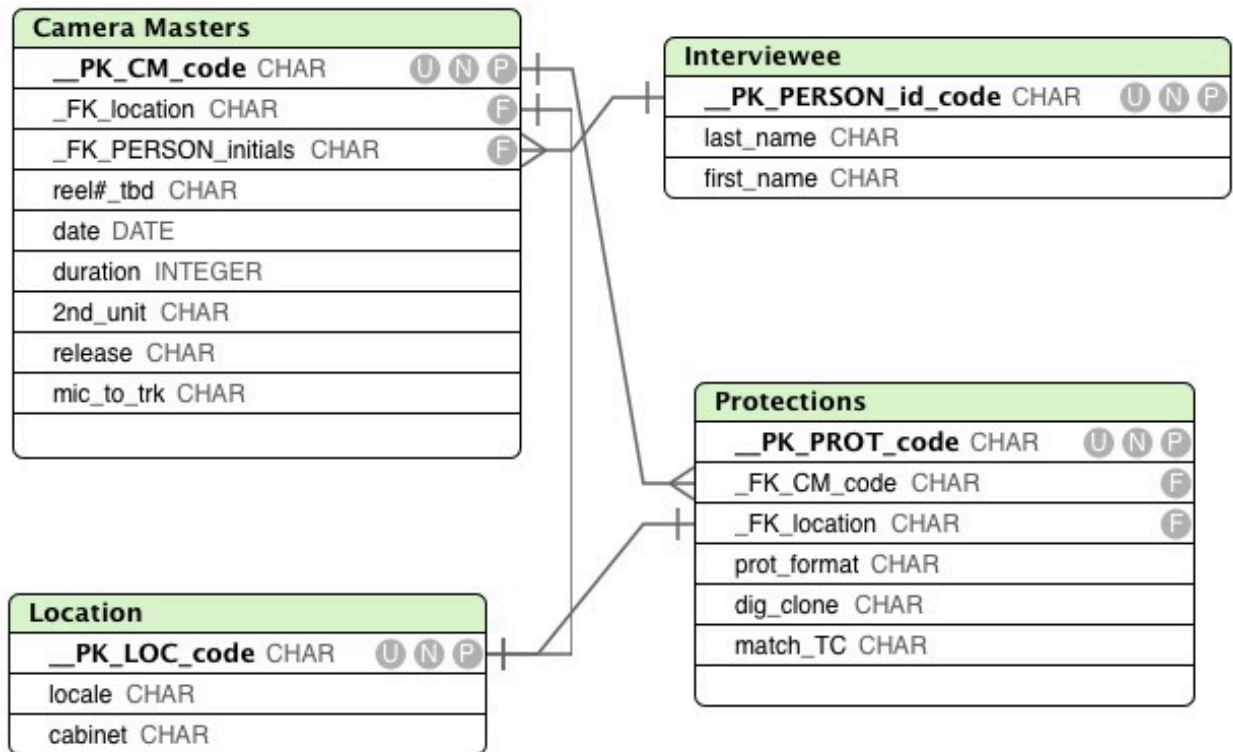
pbcoreRelation/relationType was under consideration but was not a ideal fit
Alternately relationType .. [Is Clone of](http://metadataregistry.org/concept/show/id/3085.html) <http://metadataregistry.org/concept/show/id/3085.html>

This explanation appears in my PPT slides... My (DVcam) DSR-80 does not offer a Firewire DV stream and instead offers SDI (Serial digital interface). Using this transfer (clone) method, full clones with matching TC require DVcam, not miniDV stock which was not in reach of this self-funded budget.

Physical Model for Metadata project (CINE-GT 1803)

Paul Dougherty

"Punk Before Punk" documentary collection. Video interviews with over 40 people recorded between 2000-2003 for a documentary project about NYC "punk" origins.



There are 4 Classes or Tables

Camera Masters - to list raw interview recordings

Interviewee - to list information about each Interviewee

Protection Copies – listed (typically each mstr has several Protection Copies)

Locations – to list all places where tapes may be stored

CARDINALITY - as the Physical Model illustrates there is...

1 Camera Master to many Protection Copies

1 Interviewee can appear in many Camera Masters (and/or Protection Copies by extension)

1 Camera Master to one location

1 Protection Copy to one location

a Camera Master's (many) Protection Copies can be in many locations

in list below PK = Primary Key & FK = Foreign Key

Camera Masters (Class/Table) to list raw interview recordings (in graph called "originals")

__PK_CM_code unique code for every Camera Master (Primary Key)

_FK_PERSON_initials code based on initials of interviewee* FK links to Intv.table

_FK_location code id's location (foreign) key connects to Location table

reel#	series w/in interview session (example 1 of 3 = 1/3)
date	date of interview (W3C date format)
duration	data type Time in FM (no time option in ERD software)
2nd_unit	yes/no (answers was there a “B” camera?)
release	What type of Interviewee “talent” release was used
Mic_to_trk	microphone to audio track assignment

Interviewee (Class/Table) - to list information about each Interviewee

__PK_PERSON_id_initials	Interviewee id initials (Primary Key)
last_name	
first_name	

Protection Copies (Class / Table) - lists all of them, typically each mstr has several PC's

__PK_PROT_code	unique code for every Protection Copy (Primary Key)
__FK_CM_number	code that will connect each PC to each Camera Master(s) (table)
__FK_LOCATION	code id's location (foreign) key connects to Location table
prot_format	format of Protection Copy (PC)
match_TC	yes/no (answers does the timecode on PC match mstr?)
dig_clone	is the PC a Digital Clone?

Location (Class / Table) any given tape (CM or PC) can have only one location

__PK_LOC_code	code for storage location – somewhat human readable (abbrev*)
locale	this would be a place name like “safety deposit box” or apt
cabinet	this would be a storage unit (shelf) in apt w/ name like “wood”

Notes

*Location Code somewhat human readable in so far as locale (place name like “apt” or storage unit) will be abbreviated as “a” or “s” and cabinet will be named “wood” or “white”

Controlled Vocabularies

Value Lists provide predefined values that can be used for data entry, data validation or custom sorting. You can format values as checkboxes, popup lists and so on.

8 items View by:

Value List Name	Source	Values
CM code	From Field	Field: "Camera Masters::__PK_CM_code"
Locations controlled	From Field	Field: "Location::__PK_LOC_CODE"
Init_name controlled	From Field	Field: "Interviewee::__PK_PERSON_id_ initials"
format PC list	Custom Values	"MiniDV", "DVCAM", "Betacam SP", "Qt", "DV_file"
boolean	Custom Values	"yes", "no"
release	Custom Values	"old", "primary", "custom"
audio_mics	Custom Values	"standard", "switched", "boom_lav"
locale	Custom Values	"s_box", "apt", "storage"

In the above screen grab, where Source = “From Field” these controlled vocabularies that are derived from Tables - in FM This involves setting the option for the field "Always Validate by Value List" then checkbox "Member of Value List" that can come from a field in another table. Here's it's codes that id Interviewee and id (storage) location.

Where above screen grab says Source “Custom Values” these were input by hand and are local vocabularies explained in the Application Profile. In this FM database they appear as drop-down menus and are set to Always Validate to prevent data entry errors.

All my data types are text except for date and duration (time). (In my ERD program, time is not an option so it's integer there. In Filemaker it is set to time)

No fields are repeatable.

notes below repeated from 1st draft submitted

All my camera masters are mini-DVs which is why format does not appear in that table and only in the Protection Copy table.

Following a FileMaker tutorial I saw, all the Key fields start with underscores.

**Should there ever be a duplicate set of Interviewee initials, numbers are added, I still wanted this "code" to be human readable.*

