PB Core Database Schema

and how it can help teachers and stations

Databases as a General Tool

Doesn't matter how cool it is.

If you can't find it again, it doesn't exist.

- Where we store things, so we know where to look
- How we all agree to label things, so we know where to look
- Helps us day to day
- Helps us serve teachers and stations, by being able to provide answers

"Google can bring you back 100,000 answers. A librarian can bring you back the right one."

— Neil Gaiman

What catalogers do

Why the metadata? And what is it?

- Metadata = All the words we use to describe what this thing is
- Verify that the metadata entered makes sense
- Insure that the metadata entered is the best we can make
- Teach stations how to make their metadata better
- All so teachers can find things on the site

Teachers regularly ask for 'more time'

Good metadata helps them find things faster

It is literally the best way to give them more time

Careful cataloging gives you your time back

"Glam culture is ultimately rooted in obsession, and those of us who are truly devoted and loyal to the lifestyle of glamour are masters of its history. Or, to put it more elegantly, we are librarians."

— Lady Gaga

About this PB Core thing

What is PB Core

- Standardized set of metadata terms and format
- Really easy for computers to read
- Designed specifically for AV materials
- Already adopted by some stations for production and archives
- More stations are considering using it
- Overall PBS is looking to adopt it as the standard for the production side

"Not all librarians are evil cultists. Some librarians are instead vengeful undead who want to suck your soul."

— Brandon Sanderson (Alcatraz Smedry), Alcatraz Versus the Scrivener's Bones

What are the benefits

- Using the same data format as production makes it easier to bring pieces in
- Limits user error typos
- Easier to explain upload process to stations
- Consistent data makes it easier for teachers to find what they want
 - And to find it again the next time

"In the nonstop tsunami of global information, librarians provide us with floaties and teach us to swim."

— Linton Weeks

What does it look like?

PLAIN TEXT FORMAT	XML FORMAT				
DESCRIPTION DOCUMENT:					
ASSET DATE: 1977	<pre><?xml version="1.0" encoding="UTF-8" standalone="no"?></pre>				
APC 28 (25.17) (20.71) (40.82) (25.27) (27.27)	<pre><pbcoredescriptiondocument <pbcoreassetdate="" datetype="released" xmlns="http://www.pbcore.org/PBCore/PBCoreNamespace">1977</pbcoredescriptiondocument></pre>				
Date type: Released	<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>				
	<pre><pbcoretitle titletype="Program">Star Wars: A New Hope</pbcoretitle></pre>				
IDENTIFIER: 1	<pre><pbcoretitle titletype="Episode Number">IV</pbcoretitle></pre>				
Source: Lucasfilm	<pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre> <pre></pre></pre> <pre><pre><pre><pre><pre><pre></pre></pre></pre> <pre></pre> <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>				
	<pre><pdcorecreator></pdcorecreator></pre>				
	<pre><creator source="">Lucas, George</creator> <creatorrole>Director</creatorrole></pre>				
TITLE: Star Wars - A New Hope					
Title type: Program	<pre><pbcorecontributor></pbcorecontributor></pre>				
	<pre><contributor>Hamill, Mark</contributor></pre>				
	<pre><contributorrole portrayal="Luke Skywalker">Actor</contributorrole></pre>				
TITLE: IV					
Title type: Episode Number	<pre><pbcorecontributor></pbcorecontributor></pre>				
	<pre><contributor>Fisher, Carrie</contributor></pre>				
CONTRACTOR OF BUILDING	<pre><contributorrole portrayal="Princess Leia Organa">Actor</contributorrole></pre>				
DESCRIPTION: The first film in the	<pre></pre>				
original Star Wars trilogy	<pre><pbcorecontributor></pbcorecontributor></pre>				

Data is <u>accessible</u> via an easy to read format and XML

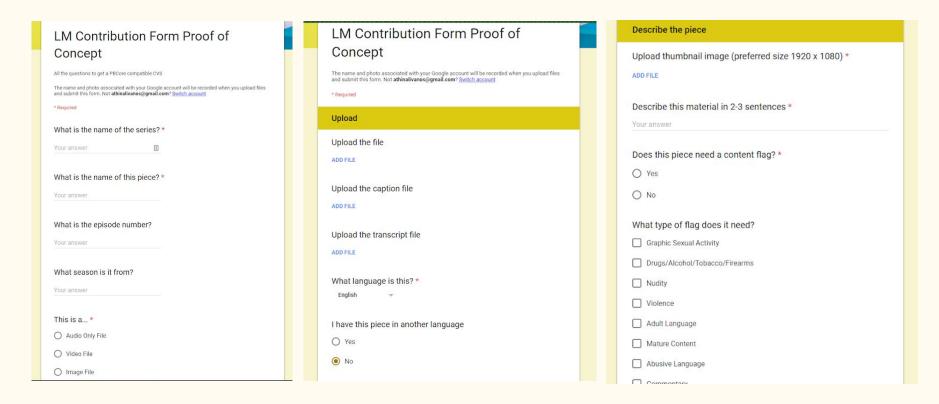
"Never argue with a librarian; they know too much." — Carole Nelson Douglas, <u>Cat in</u> <u>a Red Hot Rage</u>

Level 1	Level 2	×	Level 3	~	Level 4	▼ PB Core XML Field
Media	6.80					pbcoreInstantiation
	Name					instatiationIdentifier
	Guide					instatiationIdentifier
	Content Project					instatiationIdentifier
	Source File					instantiationDigital
	Transcode job ID					instatiationIdentifier
	Transcoding status					
	Language					instantiationLanguage
	Size					instantiationFileSize
	Geo restrictions					
	Is 360					
	Metadata					instatiationDimensions
		Width				instatiationDimensions
		Height				instatiationDimensions
		Duratio	on			instantiationDuration
		Aspect	ratio			instatiationDimensions
		Embed	code			
		Is exte	mal			
	Caption			1		
			Choose File			
	Transcript	_				
PB C	ore Names LM Data Fields	Combo	Caught Everything	⊕		1 1

Most LM data fields have direct links to PB Core data fields

"I'm a librarian...I always know what I'm talking about."

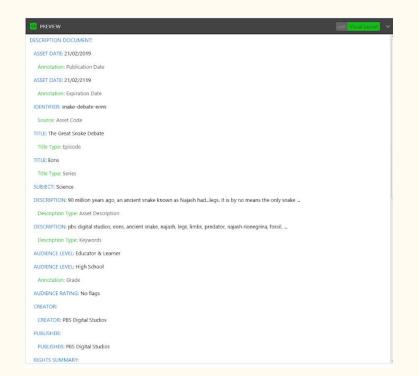
— Gary D. Schmidt, Okay for Now



XML based data means forms can work for the metadata ingest

"Do I have to talk to insane people?"
"You're a librarian now. I'm afraid it's
mandatory."

— Jasper Fforde, <u>The Woman Who Died a Lot</u>





LearningMedia Asset converted to PB Core data format

"You can take the girl out of the library, but you can't take the neurotic, compulsively curious librarian out of the girl."

— Molly Harper, <u>Nice Girls Don't Have</u> <u>Fangs</u>

Questions?

Librarians can catalog anything from an onion to a dog's ear. They could catalog you.

Librarians wield unfathomable power. With a flip of the wrist they can hide your dissertation behind piles of old Field and Stream magazines. They can find data for your term paper that you never knew existed. They may even point you toward new and appropriate subject headings.

People become librarians because they know too much. Their knowledge extends beyond mere categories. They cannot be confined to disciplines. Librarians are all-knowing and all-seeing. They bring order to chaos. They bring wisdom and culture to the masses. They preserve every aspect of human knowledge. Librarians rule. And they will kick the crap out of anyone who says otherwise.

-Erica Olsen, <u>Why You Should Fall to Your</u> <u>Knees and Worship a Librarian</u>