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 May 9, 2016  
 Metadata For Moving Image Collections  
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## Application Profile

The purpose of this application profile is to define the metadata fields associated with a database created for the purpose of cataloging a moving image collection. The collection being described is the film collection of the Wild Life Conservation Society. The films in this collection mostly contain footage of animals at New York City zoos or out in the wild and are of a primarily educational nature.

PBCore was chosen as the metadata schema for this collection because its element set is particularly well-suited for describing moving image materials. The element set is granular in terms of both descriptive and technical metadata. Due to this level of granularity in terms of describing moving image content, I was able to find appropriate PBCore elements for each of the fields that I wanted to include in my database. I found PBCore especially fitting for metadata describing ways of finding a specific item. Using the elements falling under the pbcoreInstantiaion class, I was able to describe unique identifiers, physical locations of items (i.e. Box Number), as well as physical formats and language tracks of specific moving images in the collection. As I wanted to facilitate locating the item, as well as differentiate between different instantiations of the same material (such as different language versions of the same film), PBCore seemed like a good fit for describing the Wildlife Conservation Society's film collection.

The application profile below gives details on each of the metadata elements that will be associated with the items in this collection.

### Entity: Item

Element Name	Title
<b>Data element</b>	PBCore: pbcoreTitle
<b>Definition</b>	Title associated with the moving image
<b>Expected values</b>	String
<b>Repeatability</b>	Not repeatable
<b>Cardinality</b>	Mandatory

<b>Notes</b>	
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<b>Element Name</b>	Unique Identifier
<b>Data element</b>	PBCore: instantiationIdentifier
<b>Definition</b>	A unique set of numbers and letters that is specifically associated with a single item
<b>Expected values</b>	String
<b>Repeatability</b>	Not repeatable
<b>Cardinality</b>	Mandatory
<b>Notes</b>	A Unique Identifier must contain eleven characters. Must only contain letters and numbers, no special characters or spaces.

<b>Element Name</b>	Collection
<b>Data element</b>	PBCore: pbcoreRelationType, pbcoreRelationIdentifier
<b>Definition</b>	The collection that the moving image is a part of
<b>Expected values</b>	Controlled vocabulary
<b>Repeatability</b>	Not repeatable
<b>Cardinality</b>	Mandatory
<b>Notes</b>	All items are part of the same collection. Controlled vocabulary should only allow the collection to be filled in as “WCS Film Collection”

<b>Element Name</b>	Date
<b>Data element</b>	PBCore: pbcoreAssetDate

<b>Definition</b>	Date associated with the item
<b>Expected values</b>	Date
<b>Repeatability</b>	Repeatable, repeat if there are multiple dates associated with the item (ex: date of creation and date of publication)
<b>Cardinality</b>	Optional
<b>Notes</b>	Use Year-Month-Day (ex: 1960-12-29) format

<b>Element Name</b>	Subject
<b>Data element</b>	PBCore: pbcoreSubject
<b>Definition</b>	Subjects associated with the moving image.
<b>Expected values</b>	String
<b>Repeatability</b>	Repeatable, repeat if moving image has multiple subjects
<b>Cardinality</b>	Optional
<b>Notes</b>	Since this is the Wildlife Conservation Society's film collection, subjects can be used to describe what kinds of animals appear in the film.

<b>Element Name</b>	Description
<b>Data element</b>	PBCore: pbcoreDescription
<b>Definition</b>	A summary of the content of the moving image item
<b>Expected values</b>	String
<b>Repeatability</b>	Not repeatable
<b>Cardinality</b>	Optional

<b>Notes</b>	
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<b>Element Name</b>	Contributor
<b>Data element</b>	PBCore: pbcoreContributor
<b>Definition</b>	Any person, group, or company involved in the production of the moving image item
<b>Expected values</b>	Controlled Vocabulary
<b>Repeatability</b>	Repeatable, repeat if multiple people or groups are associated with the production
<b>Cardinality</b>	Optional
<b>Notes</b>	Use contributorRole to specify the role of the contributor (ex: Director, Producer). Drop-down value list will list the contributors from the Contributor table. The drop-down list will list the contributor's role next to their name.

<b>Element Name</b>	Box Number
<b>Data element</b>	PBCore: instantiationLocation
<b>Definition</b>	The identification number of the box that the item is physically stored in
<b>Expected values</b>	String
<b>Repeatability</b>	Not repeatable
<b>Cardinality</b>	Mandatory
<b>Notes</b>	Box Numbers must be formatted with two upper case letters followed by three numbers (ex: TR001)

<b>Element Name</b>	Format
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<b>Data element</b>	PBCore: instantiationPhysical
<b>Definition</b>	The film format (the gauge) of the moving image item
<b>Expected values</b>	Controlled Vocabulary
<b>Repeatability</b>	Not repeatable
<b>Cardinality</b>	Mandatory
<b>Notes</b>	There will be a drop-down list of film formats for this field that contains the options of “16mm” and “35mm”

<b>Element Name</b>	Language
<b>Data element</b>	PBCore: instantiationLanguage
<b>Definition</b>	The language of the moving image’s soundtrack or title cards
<b>Expected values</b>	String
<b>Repeatability</b>	Repeatable, repeat if more than one language is associated with the item
<b>Cardinality</b>	Optional
<b>Notes</b>	

### Entity: Contributor

<b>Element Name</b>	contributorID
<b>Data element</b>	PBCore: pbcoreContributor
<b>Definition</b>	Any person, group, or company involved in the production of the moving image item
<b>Expected values</b>	String
<b>Repeatability</b>	Repeatable, repeat if multiple people or groups are associated with the production

<b>Cardinality</b>	Mandatory
<b>Notes</b>	Identifier must contain five characters. It must only contain letters and numbers, no special characters or spaces. (ex: C0001)

<b>Element Name</b>	Contributor Name
<b>Data element</b>	PBCore: pbcoreContributor, contributor
<b>Definition</b>	The name of a person, group, or company involved in the production of the moving image item
<b>Expected values</b>	String
<b>Repeatability</b>	Repeatable, repeat if multiple people or groups are associated with the production
<b>Cardinality</b>	Optional
<b>Notes</b>	Use contributorRole to specify the role of the contributor (ex: Director, Producer, Publisher)

<b>Element Name</b>	Contributor Role
<b>Data element</b>	PBCore: pbcoreContributor, contributorRole
<b>Definition</b>	The role an individual or group played in the production of the moving image (such as director, producer, actor, etc.)
<b>Expected values</b>	Controlled Vocabulary
<b>Repeatability</b>	Not repeatable
<b>Cardinality</b>	Optional
<b>Notes</b>	To be used with contributorName, which specifies the name of the individual or group being described. There will be a drop-down value list containing the role names that can be used: "Director", "Producer", "Narrator", "Distributor", and "Actor/Actress".