Caroline Roll
Metadata for Moving Images
5/9/16

Application Profile

       This application profile serves to organize the contents of a personal DVD collection. Doing so will allow me to identify the DVDs I have and consider what I want to do with them in the future, since DVDs are not the most stable media format. The following describes the elements that will be used to describe the entities, all of which are DVDs, in this collection. I chose to use PBCore for this database because it is a suitable schema for moving image collections, and it had the elements I was looking for to support the data I wanted to gather from the DVDs. In this case, it is crucial that there are elements to represent both the intellectual content and the instantiation.

Entity: DVD

Element Name	ID#
Data element	pbcoreIdentifier
Definition	Unique identification number assigned to each DVD
Expected values	Unique value
Repeatability	Not repeatable
Cardinality	Mandatory
Notes	ID will follow the format: #000

Elements

Element Name	Title
Data element	pbcoreTitle
Definition	The name of the content of the DVD
Expected values	Text
Repeatability	Repeatable
Cardinality	Mandatory

Notes	/pbcoreTitle/titleType#season will be used for DVDs of television shows

Element Name	Date
Data element	pbcoreAssetDate
Definition	Copyright year of the intellectual content
Expected values	Numeric
Repeatability	Repeatable
Cardinality	Mandatory
Notes	The attribute datetype will be used here because the DVD is an instantiation of the

Element Name	Distribution Company
Data element	pbcorePublisher/publisherRole>distributor<
Definition	Name of the company that distributed the intellectual content
Expected values	Text
Repeatability	Repeatable
Cardinality	Not mandatory
Notes	

Element Name	Rating
Data element	pbcoreAudienceRating
Definition	Rating designated by the MPAA

Expected values	Controlled vocabulary
Repeatability	Repeatable
Cardinality	Not Mandatory
Notes	

Element Name	Run Time
Data element	instantiationDuration
Definition	Total running time of the content of the DVD
Expected values	Numeric
Repeatability	Repeatable
Cardinality	Mandatory
Notes	Value will follow the format HH:MM

Element Name	Disk Condition
Data element	pbcoreAnnotation
Definition	Brief description of the state of the disk
Expected values	Text
Repeatability	Repeatable
Cardinality	Mandatory
Notes	This information relates to the instantiation

Element Name	Container Condition
Data element	pbcoreAnnotation
Definition	Brief description of the state of the DVD box
Expected values	Text
Repeatability	Repeatable
Cardinality	Mandatory
Notes	

Element Name	Notes
Data element	pbcoreAnnotation
Definition	Any additional information about the entity
Expected values	Text
Repeatability	Not repeatable
Cardinality	Not mandatory
Notes	

Entity: Language

Element Name	Language
Data element	instantiationLanguage
Definition	Primary language of the content of the DVD
Expected values	Controlled Vocabulary

Repeatability	Repeatable
Cardinality	Mandatory
Notes	Pbcore requires 3-letter language code

*** Note - Now that project is complete, I have learned that there are some things I would have done a bit differently. When I began filling in records in my database, I realized how awkward it is for something like *All About Eve* to have 2002, the year the DVD was released, as its associated date, without a space to note that the film was originally released in 1950. I included this information in the notes column, but in hindsight, I should have included two dates - one for the original release of the intellectual content, and one for the release of the instantiation. These would use the data elements pbcoreAssetDate and datetype, respectively. A similar issue arose with the DVDs of television shows, which have multiple seasons. The season is denoted in the title of the entity, since DVDs of television shows are usually separated by season, such as *Parks and Recreation: Season 7*. However, this was another reason to have elements for the dates of both the intellectual content and the instantiation, which would further diminish any confusion between seasons.