Proposed edits on LAM Ontology

List of edits proposal for LAM Ontology

1. HCLE catalogue provides the material of the items, this can be considered the IFLA concept of support (IFLA→Manifestation→Support→Category), express it as General→Text and add a new relationship LAM→madeOf between `Document` and `Text`.
2. Add `ItemCondition` through new attribute on `Item` LAM→Item→Condition (check codes meaning in HCLE)
3. Add `ConditionNts` through new attribute LAM→Item→ConditionNotes
4. Add `Fragility` LAM→Item→Fragility (this attribute is expressed through alphabetical codes in HCLE)
5. Some HCLE items provide the table of contents, extends `ContentDescription` with new sub etity `Table of Contents` consisting of one string attribute.
6. Extends sub Entity `Magazine` of `Printable` with relative year and number of the magazine entity (i.e.: Civiltà Cibernetica Anno 5)
7. IntellectualWork in ontology correspond to IFLA concept of Work hence Expression should be a separate entity, suggested edit Rename Edition with Expression for compliance and remove Expression from Intellectual Work; then fix relationships.

Fields descriptions

HCLE Catalogue

Field	Description	Mapping	Notes
IdNum	Identifier	None	
Title	Title of the work	None	
Description	Brief description of the work	General:Document:description	
DescComment	Comments about the item	General:Item:Description	
SubjectTop	Subject of the work	General:ContentDescription	math, science, howto
DonorNotes	Notes	ToAdd?	
WherMade	Place in which the work has been made	General:Item:madeId	Los Angeles, CA
Color	`none` or a number	Ignore	need investigation
Material	Material on which the work is supplied	ToAdd -> LAM:Relationship:madeOf	IFLA:manifestation:support
ItemCondition	Code of item quality	ToAd -> LAM:Item:Condition	need investigation
ConditionNts	Textual description of the quality	ToAdd -> LAM:Item:ConditionNotes	
Fragility	Alphabetical code	ToAdd -> LAM:Item:Fragility	needs investigation
Functional	Alphabetical code	Ignore	needs investigation
Power	Y/N/None	Ignore	
ToC	Table of contents	ToAdd -> LAM:Document:Printable:ToC	can be `none`
IsPart	Part of another work referred by `IdNum`	General:Relationships:partOf	
IsVer	Version of another work referred by `IdNum`	LAM:Relationships:reference	maybe add another relationship more specific
HasPart	Reverse of `IsPart`	General:Relationships:hasPart	inverse of partOf
HasVer	Reverse of `IsVer`		probably
Creator	Author or authors of the work	General:Agent:Organization	
Publisher	Publisher	General:Agent:Organization	
Contributor	Contributor	General:Agent:Person	
AddlAuth	Other authors	General:Agent:Person	
Created	Date in various formats	General:Document:Date	
Copyrighted	Y/N or `none`	General:Document:Copyright	Same date as created
DateCR	Mainly correspond to `Created`	General:Document:Date	use when date is unknown?
Available	Date in which work bacame avalilabel?	Ignore	

Field	Description	Note	Comment
Medium	Alphabetical codes		needs investigation
Type	0 or none	Ignore	probalby useless
Format	Format of the item (extension if digital, physical size if analogic)		
ItemType	Numerical code		need investigation
Dimensions	Size of the expression (px, inches, pages)		IFLA:expression:extension
Extent	Extension of the expression		IFLA:expression:extension
MediaType	Numerical code		Check correspondance with `ItemType`
Moves	Mostly unused or `No`		
Resolution	DPI or pixel size		maybe the res of the thumbnail?
Software	0 or none		
StillImage	N/Y or none		sometimes also T in place of Y
MovingImage	N/Y or none		
Weight	weigth of the manifestation		pound? or KB
Identifier	Mostly unused		
ModelNum	Mostly unused		
SerialNum	Mostly unused		
PartNum	Mostly unused		
SeriesNum	Mostly unused		
OtherNum	Mostly unused		
ToDo	Number from 1 to x		sometimes `none`
Location	Alpha code		needs investigation
LocNotes	Location notes		
Interim	Probably precise place in the library		
Box	Seems to be unused		
Loc	Seems to be unused		
ToGo	None or donated or undecided		
AddCom	Things to do with the item		
CatBy	Code of the person? who categorized the item		
EditBy	code of the person? who edited the entry		
AltTitle	Alternative title		
BibCit	Citation code		
SubKes	Other aspects of the work		similar to a tagging system
Description1	Additional descriptions		
Source	Many cases same as publisher		
Relation	`IdNum` of the related work		
ConformsTo			
Coverage			
RightsMGMT			
Format1			
BitDepth			
Resolution1			
NatlLang			
ProgLang			
PropDisp			
DateScan			
ProcInit			

FormatBP
URI
ThumbNailURI
AbIint
IntInit
InstrMeth
Audience
AudLev
Mediator
ItemReferences
IsReferencedBy
Replaces
ReplacedBy
Requires
RequiredBy
AccessRights
RightsHolder
License
Provenance
Spacial
Temporal
AccrualComments
AccrualMethod
AccrualPeriodicity
AccPol
Collection
Wiki
Blog
TravelingExhibit
SocialMedia
SmallThumbURI
History6
History7
History8
History9

Donazioni technopolis

Monografie

Field	Description	Mapping	Notes
Autore	Autore dell'opera	General:Agent	non sempre presente
Titolo	Titolo dell'opera	General:Document	nel titolo sono presenti diverse informazioni che potrebbero essere estrapolate
Editore	Editore, e luogo in cui si trova	General:Agent	il nome dell'editore è spesso seguito dalla città o dallo stato

Enciclopedie

Field	Description	Mapping	Notes
Titolo	Titolo dell'opera		
Anno	anno di pubblicazione?		
Note	Specifica del numero di copie		solo se maggiore di 1
volumi	numero di volumi nella raccolta		

Periodici

Field	Description	Mapping	Notes
Titolo	Titolo dell'opera		nel titolo sono presenti diverse informazioni che potrebbero essere estrapolate
Anni	Anni delle riviste possedute?		anni continuativi indicati con - anni non continuativi separati con ;
nro annate	Numero di annate presenti		corrisponde al calcolo $\sum^{anni_{separati}} anno_{fine}-anno_{inizio}+1$

Volumi biblioteca CSATA (in archivio)

Field	Description	Mapping	Notes
Sel. per cat.	Se selezionato per la catalogazione		si o no
Titolo	Titolo dell'opera		anni continuativi indicati con - anni non continuativi separati con ;
Tipo	Tipo di opera		uno tra monografia, notiziario o periodico
Descrizione	Campo contente diverse informazioni		dipendente dal tipo di pubblicazione vedi sotto per dettagli

Description field structure

Dettaglio campo descrizione in base al tipo di opera

- Monografia
  - Editore
  - Luogo
  - Data
- Periodico
  - numeri
  - copie
  - anno
- Notiziario
  - Anno relativo a inizio pubblicazione
  - Numero
  - Copie
  - Anno assoluto

Punti da chiarire

- ☐ Quali antologie modificare

- [ ] Entità delle modifiche
- [ ] Grado di fedeltà ai concetti IFLA
- [ ] Scopo generale