

Transforming subject classification number and indexing data from MARC 21 to RDA

MARC 21 fields

The MARC 21 format for bibliographic data records subject classification number data in the fields 050, 051, 052, 055, 060, 061, 070, 071, 072, 080, 082, 083, and 084.

Field 086 (Government Document Classification Number) records document classification numbers, which may be identifiers for work, expression, or manifestation, but are not subject classifications.

Field 052 (Geographic Classification) is constrained to Place as subject.

The other classification number fields are for general subject classification schemes, which may or may not cover Place and other RDA entities.

Fields 051, 061, 071 pertain to “statements” used by the U.S. national libraries (LC, NLM, NAL, respectively). Usage appears to pertain to additional copies (i.e. Items) held in their collections.

Fields 6XX record subject indexing data.

Field 600 records Person and Family and associated Work or Expression as subject

Fields 610 and 611 record Corporate Body/Collective Agent and associated Work or Expression as subject. RDA treats a conference as a corporate body, although the semantics are closer to Collective Agent.

Field 630 records Work as subject.

Field 648 records Timespan as subject.

Fields 651 and 662 record Place as subject

Fields 647, 650, 653, 654, 656, and 688 record non-RDA entities as subject. Field 653 may accommodate a category of work, not a subject.

Fields 655, 657, and 658 accommodate a category of work, not a subject.

Subfields

Classification

Subfields are generally used consistently across the range of fields. Not all subfields are used in every field, depending on the structure and processes of the classification system(s) being used.

Subfield \$a encodes the base classification number in all fields.

Warning: Fields 060 and 070 may record accession numbers in \$a.

[It is unclear if NLM (060) and NAG (070) accession numbers are based on a subject classification; e.g. broad class number plus running number.]

Subfield \$x encodes a qualifier to the base classification number from a classification scheme that uses such a device. A qualifier narrows the topic represented by the base number, and includes any so the more precise full classification number is a concatenation of subfield \$a and subfield \$x.

Subfields \$0 and \$1 for authority control number and real-world object are somewhat fuzzy concepts for a classification scheme. They are more applicable to schemes which are not synthetic like LCC; each “subject” is pre-determined and classified. They are not really applicable to synthetic schemes such as UDC and DDC, where a “subject” may be synthesized from a base number and combination of qualifiers. Most classifications are not “under authority control” in these schemes. The practical application of these subfields in MARC 21 records is likely to be inconsistent, and further analysis of usage is required to determine if “real-world object” URIs are sufficiently reliable.

Some subfields and indicators of classification fields contain provenance data.

The subfields are assigned consistently:

	Content	Fields
\$q	Agency who assigns the classification	082, 083, 084
\$2	Source scheme or edition of the classification	072, 080, 082, 083, 084

The indicators are not used consistently.

In other fields, indicators 1 and 2 are used for source scheme or edition and assigning agency, unless these are embedded in the definition of the field.

Codified data provenance in subfield \$7 is only relevant for assigning agency (the author of a subfield statement).

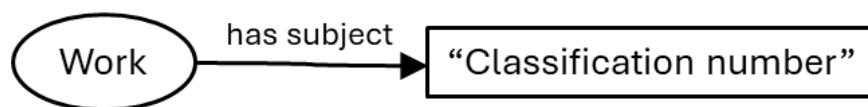
Assignment provenance is excluded from this analysis, and is part of the larger issue of statement reification.

Options for transformation

There are 3 main options for transforming these data into RDA.

1: Simplistic assignment of subject identifier

Record the classification number as an identifier string for an undifferentiated subject topic. Ignore all other data, including provenance.



<work> rdawd:P10256 "transform(field)" .

Field	Transform()	Condition/filter
050	\$a	
051	\$a	
055	\$a	
060	\$a	
061	\$a	
070	\$a	
071	\$a	
072	\$a + \$x	
080	\$a + \$x	
082	\$a	
083	\$a	
084	\$a	\$2 = code at https://www.loc.gov/standards/sourcelist/classification.html

A separate statement is generated for each instance of the field.

Pros:

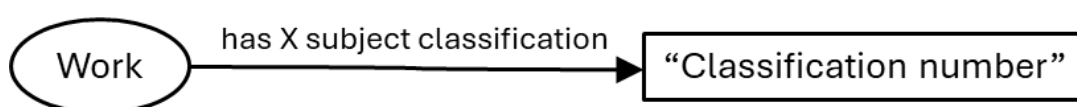
- Really simple.
- No local extension of RDA.

Cons:

- Post-transform processing is required to identify the subject topic. There are sufficient systemic differences to distinguish a class number from DDC, LCC, or UDC; it may require an expert algorithm to achieve sufficient accuracy. However, without provenance for the version of the scheme (edition, version, iteration, etc.) accuracy will diminish as precision in the original number increases because of significant reallocation of class enumeration blocks, etc.

2: Incorporation of source provenance in local element subtypes

Create a local refinement of RDA by subtyping rdaw:P10256 “has subject”.



<has X subject classification> rdfs:subPropertyOf rdaw:P10256 .

<has X subject classification> isA owl:DatatypeProperty .

<work> <has X subject classification> “transform(field)” .

The transform is the same as option 1. The field and/or source subfield determine which sub-property to use.

Pros:

- The local subproperty embeds the provenance of the classification scheme.
- Does not require instance URIs.

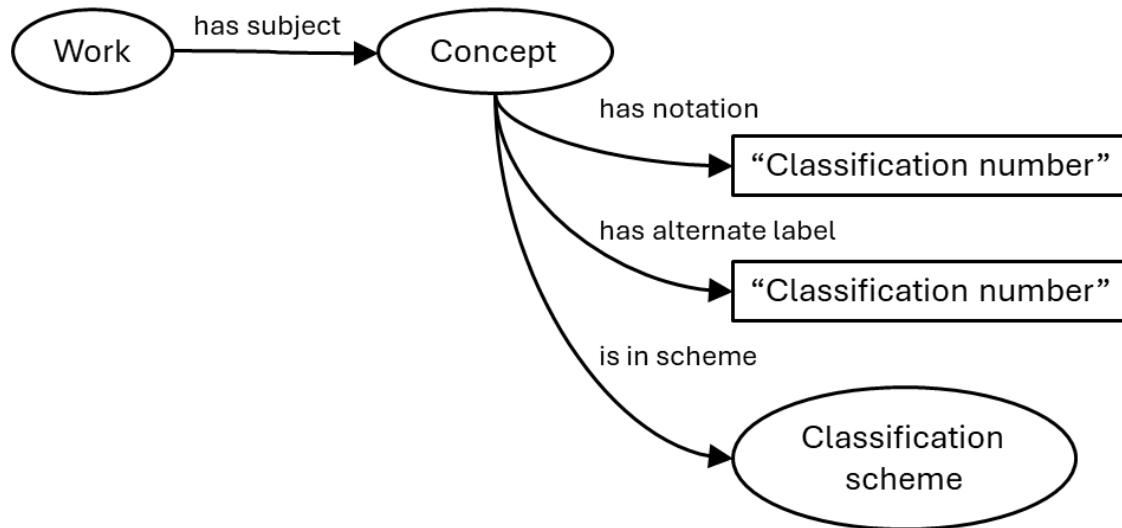
Cons:

- Requires local refinement of RDA.
- There are many schemes in the LoC list. Total usage from instance records (LoC database) indicates DDC, LCC, and UDC at the top, and usage of other schemes is significantly lower. Rankings may be different in other national MARC 21 databases. It may be difficult to determine which schemes should be included, if not all. Option 1 is applied for schemes that are excluded.
- There is a further complication with editions of schemes. These are essentially different schemes; the same classification number may refer to different subject topics over time. Distinct editions can be represented as sub-properties of the main scheme, but “continuous” editions such as WebDewey cannot.

3: Reify the subject

3A: Reify the classification number

Use SKOS to reify the classification number as a notation and label of the concept of the subject topic. Add provenance using SKOS properties.



<work> rdawo:P10256 <tConcept(field)> .

<tConcept(field)> skos:altLabel "tLabel(field)" .

<tConcept(field)> skos:notation "tNotation(field)"^^<tSchemeNotation(field)> .

<tConcept(field)> skos:inScheme <tScheme(field)> .

Field	tConcept(field)	tLabel(field)	tNotation(field)	tSchemeNotation(field)	tSNFilter	tScheme(field) code	tSFilter
050	\$a	\$a	\$a	"lcc"		"lcc"	
051	\$a	\$a	\$a	"lcc"		"lcc"	
055	\$a	\$a	\$a	"lcc"	Ind2 < "6". Else \$2.	"lcc"	If Ind2 < "6". Else \$2.
060	\$a	\$a	\$a	"nlm"	\$a in "QS-QZ and W". Else "lcc".	"nlm"	If \$a in "QS-QZ and W". Else "lcc".
061	\$a	\$a	\$a	"nlm"	\$a in "QS-QZ and W". Else "lcc".	"nlm"	If \$a in "QS-QZ and W". Else "lcc".

070	\$a	\$a	\$a	"lcc"	Not a "serial-like item". Else "usda" (not in LC list!).	"lcc"	If not a "serial-like item". Else "usda" (not in LC list!).
071	\$a	\$a	\$a	"lcc"	Not a "serial-like item". Else "usda" (not in LC list!).	"lcc"	If not a "serial-like item". Else "usda" (not in LC list!).
072	\$a + \$x	\$a + \$x	\$a + \$x	"agricola"	If Ind2 = "0". Else \$2.	"agricola"	Subject category scheme, not classification scheme. If Ind2 = "0". Else \$2.
080	\$a + \$x	\$a + \$x	\$a + \$x	"udc"		"udc" + "Full" + \$2	If Ind1 = "0". Else "udc" + "Abridged" + \$2.
082	\$a	\$a	\$a	"ddc"		"ddc" + \$2	If Ind1 = "0". Else "ddc"
083	\$a	\$a	\$a	"ddc"		"ddc" + "Full" + \$2	If Ind1 = "0". Else, if Ind1 = "1", "ddc" + "Abridged" + \$2. Else "ddc" + \$2.
084	\$a	\$a	\$a	\$2	\$2 = code at https://www.loc.gov/standards/sourcelist/classification.html	\$2	

A separate graph is generated for each instance of the field.

tConcept(field) is the local minting template for a URI for an instance of the field:

Base/classificationScheme/classificationNumber

Each scheme has its own template to avoid URI collisions when the classification number is the same in different schemes.

Templates for most well-used schemes include:

- conceptDDC("classification number")
- conceptLCC("classification number")

Concept and Classification Scheme instance URIs are available as a dataset at <https://id.loc.gov/vocabulary/classSchemes.html>.

tScheme(schemeCode) is the default transform for the scheme code:

<http://id.loc.gov/vocabulary/classSchemes/> + schemeCode

tSchemeNotation(field) is a local template to mint a datatype for the classification number. This follows good practice specified in the [SKOS primer](#).

For field 072:

The classification number is a subject category code that is taken from a distinct set of category schemes. Subject Category Code Source Codes are available at <https://www.loc.gov/standards/sourcelist/subject-category.html>. There is partial overlap with the codes used for classification schemes. There is no RDF representation of the complete list.

For field 082:

A slash is inserted in \$a to indicate a truncation point (for shelfmarking); this should be removed to restore the full classification number:

normalize(\$a) = replace(\$a, "/", "") // replace all slashes with nothing

Distinct IRIs are used for each full edition of DDC.

If ind1 = 0

<http://id.loc.gov/vocabulary/classSchemes/> + "ddc" + substring(\$2, 1, position(\$2, "/")-1) // that is, the first two characters of \$2

Else

<http://id.loc.gov/vocabulary/classSchemes/> + "ddc"

Note: MARC 21 manual says to qualify \$2 with language (???) and timestamp.

[Question: Is this associated with the minting of DDC IRIs (see below)? Is this common?]

Pros:

- Maximum retention of legacy data.
- Possibility of linking to RDF representations of classification schemes.

Cons:

- Cost of minting and maintenance of instance URIs. The transform default is to mint a URI for every distinct instance of a classification number within its

scheme. This creates a local dataset of “concepts from classification schemes used in MARC 21 records” with the standard transform graph. The dataset can be processed subsequently to de-duplicate against classification schemes that have an RDF representation. De-duplication may be achieved by substitution before the transform output is published, or via a “sameAs” map between the local URIs and the scheme URIs.

- Local datasets for “subject category schemes using MARC 21 072 fields” and “datatypes of subject category and classification schemes” also need to be minted and maintained. These may be useful for transforming subject heading data, and will be useful to the wider community.

LCC

LCC has an RDF representation at <https://id.loc.gov/authorities/classification/>.

The representation in SKOS is more elaborate than the simple model graph suggested above; for example SKOSXL is used to reify the LCC captions.

LCC/RDF does not treat the classification as an alternate label of the concept.

LCC/RDF does not cover some synthesized numbers, such as those that use A-Z qualifiers. These will need to be identified and minted by the transform.

DDC

The RDF representation of DDC 23 is no longer available.

It was developed with best practices for Semantic Web data. There is likely to be an IRI minting template that uses classification number and edition number.

See: Cool URIs for the DDC: Towards Web-scale Accessibility of a Large Classification System. Available at:

<https://dcpapers.dublincore.org/files/articles/952109316/dcmi-952109316.pdf>

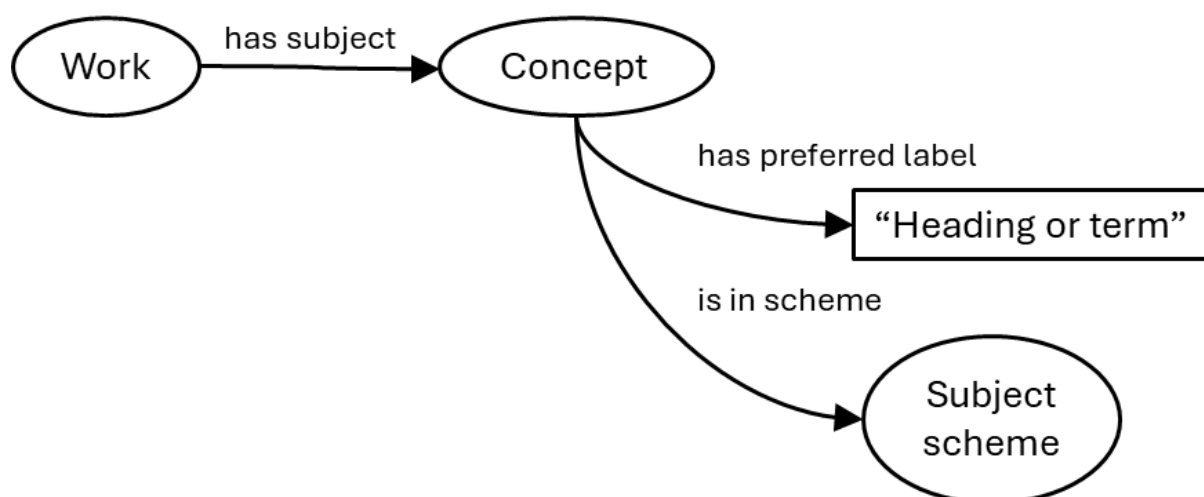
Note that the IRI template was changed later to focus on the classification number, qualified by edition or timestamp

UDC

Selected broad UDC concepts (“summaries”) have been represented in RDF, but this is no longer available.

3B: Reify the entities and concepts represented by the subject heading or term

Use RDA to reify the entities with an appellation and SKOS to reify the concepts that are components of the subject heading or terms. Add source provenance using RDA and SKOS properties.

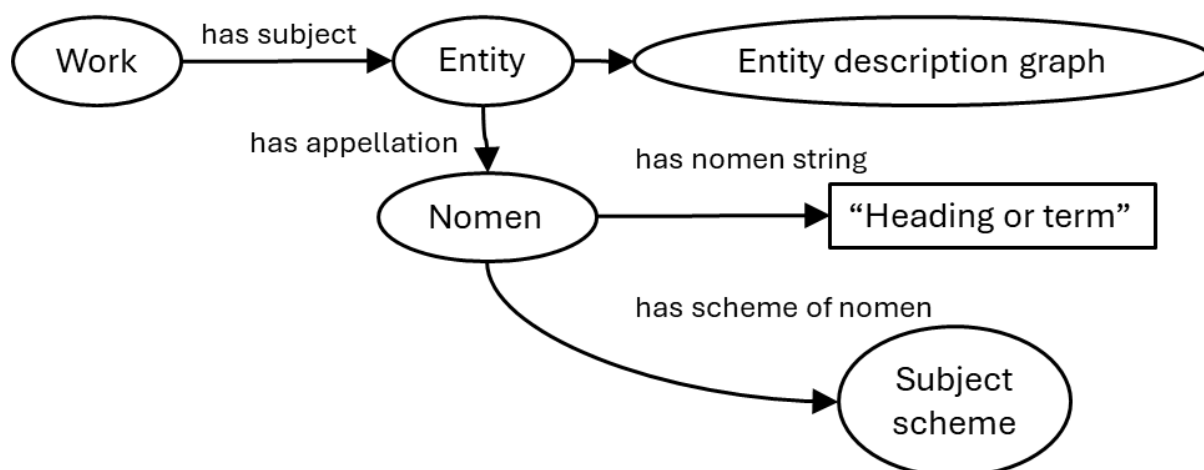


The model for a concept (above) is similar to classification numbers, but the heading or term is recorded as a preferred label and there is no notation.

<work> rdawo:P10256 <tConcept(field)> .

<tConcept(field)> skos:prefLabel “tLabel(field)” .

<tConcept(field)> skos:inScheme <tScheme(field)> .



The model for an RDA entity (above) requires an instance of entity and an instance of nomen to be minted. The source of the nomen/nomen string is accommodated by an RDA property. Other RDA nomen properties can be used to record nomen parts, etc.

The occurrence of subfield \$t and other “title portion” subfields indicates an instance of a related work that is created by the agent “portion” of the heading, in addition to an instance of related agent. We have to assume that the relationship between the “name portion” and “title portion” is rdaw:P10311 “has related agent of work”, or an

appropriate subtype, according to legacy string encoding schemes for authorized access point for work. See [Name/Title headings](#) for further information.

If a related work is indicated, the related work relationship is rdaw:rdaw:P10257 “has subject work” and the related agent relationship is rdaw:P10311 “has related agent of work”. Otherwise, the related agent relationship is rdaw:P10319 “has subject agent”.

A set of “subdivision” subfield \$x, \$y, and \$z terms is accommodated as an instance of a concept. In most cases, the result is a synthetic subject heading that can be combined with the entity heading for retrieval of the entity-subtopic that forms the complete subject.

Subdivision subfield \$v is accommodated as a separate instance of a concept that is used for “has category of work” rather than “has subject”.

For example, the subfields of 600 are grouped in order of appearance to mint an instance of Person and Work, and instances of Concept for a complete subject topic and a sub-topic from the standard subject subdivisions, and a category of work:

600 (\$a, \$b, \$c, \$d, \$j, \$q \$u) => person

600 (\$a, \$b, \$c, \$d, \$f, \$j, \$q, \$u, \$t, \$f, \$h, \$k, \$l, \$m, \$n, \$o, \$p, \$r, \$s) => work

600 (\$a, \$b, \$c, \$d, \$f, \$j, \$q, \$u, \$t, \$f, \$g, \$h, \$k, \$l, \$m, \$n, \$o, \$p, \$r, \$s, \$v, \$x, \$y, \$z) => concept for subject of work

600 (\$x, \$y, \$z) => concept for subject of work

600 (\$v) => concept for category of work

Note that subfield \$g has semantics with respect to agent/person and work/expression characteristics that depend on its position in the subfield sequence. A general condition/filter is:

subfield \$g before subfield \$t => Agent

else (subfield \$t before subfield \$g) => Work/Expression.

Entity identification

The MARC 21 subject added entry fields use a string encoding scheme (SES) to construct a subject added entry, heading, or access point. Long-established SESs are used for access points for work/expressions and agents, including persons and corporate bodies. The SES for a work/expression includes the SES for the agent

who creates the work. This allows the identification of a creator agent as well as the work/expression.

Entity description graph

Entity properties derived from nomen parts, etc. are accommodated in a descriptive graph that is specific to the type of entity.

This is essentially a decomposition of an authorized access point into its source sub-strings. RDA provides elements to accommodate descriptive values that may be used to construct access points by applying an SES. An access point can be deconstructed to partly or wholly recover the element values, depending on the semantic clarity of the SES used in its original construction. In many cases, the SESs used in the MARC 21 records use ambiguous encoding. The primary semantic encoding is MARC 21 itself (fields, indicators, subfields), and secondary encoding includes the addition of punctuation to clarify the syntax of the nomen string. The main barriers to full recovery of descriptive data are the blurring of instances of Work and Expression, and the overloading of subfields with distinct semantics for categories of entity that are only distinguished by syntax (e.g. “miscellaneous information” and “music uniform title”).

Representative expression vs Expression

RDA states “A *representative expression* provides the values of specific elements used to identify a work and distinguish it from other works”. A representative expression that has characteristics of an expression that are considered to best represent the intention of the creators of the work may be assumed to be an original or canonical realization of the work.

“RDA specifies which expression elements are considered significant for the description and distinction of works and provides a corresponding set of work elements.” There are 17 elements listed, followed by the option “Record only the values that are required to distinguish a work from another work”. The counter-option is to record all of the values ...

This is followed by guidance “The selection of a representative expression and the values to be recorded for a work are dependent on an application that uses the data.

As a result, a work may be described using different representative expressions with different values for the same element.”

There is a separate section for representative expressions of aggregating works, which states “An aggregating expression cannot function as a representative

expression because the content of an aggregating expression is not the content of the expressions that are aggregated. Instead, the “representative” expressions of an aggregating work are the expressions that are aggregated, not the aggregating expression. The values of representative expression elements for an aggregating work are derived from one or more expressions that are aggregated.” This is followed by three options that list expression elements for processing to obtain representative expression values to be used in the identification and labeling of the aggregating work.

Issues:

Decomposition of an access point into its constituent agent and work/expression is **dependent on whether the manifestation is an aggregate** or not. For a non-aggregate, expression characteristics used in the access point may identify a distinct expression as well as its work. For an augmentation aggregate, it is likely that the access point refers to the primary aggregated expression/work. For a parallel aggregate, it is likely that the access point refers to the “aggregated” work and any expression values pertain to one or more of its parallel expressions. For a collections aggregate, it is likely that the access point is for the aggregating work only; there is no aggregating expression to identify.

Minting an expression requires the additional minting of its work in the context of access point decomposition. This is for RDA conformance. While it would be feasible to mint an expression (with its own access point) and relate it to its work with a structured description (its access point) without minting the work, it seems **unnecessarily uneven**.

A default treatment that ignores Expression and adds all work/expression elements to a Work access point is allowed by RDA. It is acceptable to have an aap for work like “Shakespeare, William. Macbeth. Spoken word. Russian” and an aap for the same work “Shakespeare, William. Macbeth” or “Шекспир, Уильям. Macbeth”, etc. **unless it is forbidden by the authority control system recorded for data provenance**.

Subfield \$I “language” used in an access point may indicate an expression or a work. Using Expression as a default will create errors if the manifestation being described is a collection aggregate. Using Work as a default will create strange access points for work that may not be conformant with the authority scheme in use.

Question: Does LCSH make a formal distinction between Work and Expression in subject access points?

Possible resolutions:

- Ignore the Expression elements used in the construction of access points for related works. Do not map such elements; mint a work with a “pure” (unauthorized) access point. This will not serve to distinguish the work from another work if it is an aggregating work, but it is not an error.
- Treat all Expression elements used in the construction of access points for related works as representative expression values. Mint a work with the full (unauthorized) access point.
- Apply filters to provide differential treatment for collection aggregates.

Templates for subject heading graphs

Transform functions

concatenateOA() = concatenate subfields in order of appearance

stripEndPunctuation() = remove a punctuation mark if it appears at the end of the transformed string

stripEndStop() = remove a stop if it appears at the end of the transformed string

stripParentheses() = remove parentheses if they appear enclosing the transformed string

Person (600 ind1=0,1)

<work> rdawo:P10261 <personS> . // has subject person

<personS> rdaad:P50377 “stripEndStop(concatenateOA(\$a, \$b, \$c, \$d, \$j, \$q, \$u))”
 . // has access point for person; datatype property and nomen string; \$u is affiliation
 or address which cannot be mapped to a distinct element

<personS> rdaad:P50115 “stripParentheses(\$q)” . // has fuller form of name; remove
 surrounding parentheses; treated as a string

<personS> rdaad:P50347 “stripEndStop(\$d)” . // has timespan associated with
 person; treated as a string

if ind1=0:

<personS> rdaad:P50111 “stripEndPunctuation(\$a + \$b)” . // has name of person;
 remove ending stop; treated as a string, with no component strings (single-part
 name)

Corporate Body (610, 611)

<work> rdawo:P10263 <corporateS> . // has subject corporate body

<corporateS> rdaad:P50375 “stripEndStop(concatenateOA(\$a, \$b, \$c, \$d, \$g, \$n, \$q, \$u))” . // has access point for corporate body; datatype property and nomen string

<corporateS> rdaad:P50024 “stripEndPunctuation(\$c)” . // has place of conference

<corporateS> rdaad:P50039 “stripEndPunctuation(\$d)” . // has date of conference

<corporateS> rdaad:P50036 “stripEndPunctuation(\$u)” . // has address of corporate body

Family (600 ind1=3)

<work> rdawo:P10262 <familyS> . // has subject family

<familyS> rdaad:P50376 “stripEndStop(concatenateOA(\$a, \$b, \$c, \$d, \$j, \$q, \$u))” .
// has access point for family; datatype property and nomen string

Work (exists(630; 600, 610, 611 \$t))

<work> rdawo:P10257 <workS> . // has subject work

<workS> rdawo:P50311 <nomenW> . // has authorized access point for work; if ind2=4 (no source), then use datatype property and nomen string

<nomenW> rdand:P80068 “stripEndStop(concatenateOA(\$a, \$b, \$c, \$d, \$f, \$h, \$j, \$k, \$l, \$m, \$n, \$o, \$p, \$q, \$r, \$s, \$t, \$u))” . // has nomen string; OA = in order of appearance

<nomenW> rdano:P80069 <tScheme(field)> . // has scheme of nomen; no statement if ind2=4

<workS> rdawd:P10088 “stripEndPunctuation(\$t + \$n + \$p)” . // has title of work

<workS> rdawd:P10219 “stripEndStop(\$f)” . // has date of work (or has date of representative expression (P10398)?)

<workS> rdawd:P10220 “stripEndStop(\$m)” . // has medium of performance of musical content of representative expression

<workS> rdawd:P10221 “stripEndStop(\$r)” . // has key of representative expression

<workS> rdawo:P10256 <tConcept(field)> . // has subject

<tConcept(field)> skos:prefLabel “stripEndStop(\$x, \$y, \$z)” .

<tConcept(field)> skos:inScheme <tScheme(field)> .

Place (651)

<work> rdawo:P10321 <placeS> . // has subject place

<placeS> rdapo:P70045 <nomenP> . // has authorized access point for place; if ind2=4 (no source), then use datatype property and nomen string

<nomenP> rdand:P80068 “stripEndStop(concatenateOA(\$a, \$b))” . // has nomen string; OA = in order of appearance

<nomenP>> rdano:P80069 <tScheme(651)> . // has scheme of nomen; no statement if ind2=4

Timespan (648)

<work> rdawo:P10322 <timespanS> . // has subject timespan; if ind2=4 (no source), then use datatype property and nomen string

<timespanS> rdata:P70047 <nomenP> . // has authorized access point for timespan

<nomenP> rdand:P80068 “stripEndStop(concatenateOA(\$a, \$b))” . // has nomen string; OA = in order of appearance

<nomenP>> rdano:P80069 <tScheme(648)> . // has scheme of nomen; no statement if ind2=4

Concept (600, 610, 611, 630, 648, 650, 651, 655, 656)

<work> rdawo:P10256 <tConcept(field)> . // has subject; complete heading

<tConcept(field)> skos:prefLabel “stripEndStop(concatenateOA(\$a, \$b, \$c, \$d, \$f, \$j, \$q, \$u, \$t, \$f, \$h, \$k, \$l, \$m, \$n, \$o, \$p, \$r, \$s, \$v, \$x, \$y, \$z))” .

<tConcept(field)> skos:inScheme <tScheme(field)> .

Concept (655)

<work> rdawo:P10004 <tConcept(field)> . // has category of work

<tConcept(field)> skos:prefLabel “stripEndStop(\$a, \$v, \$x, \$y, \$z)” .

<tConcept(field)> skos:inScheme <tScheme(655)> .

Concept (exists(600, 610, 611, 648, 651 \$v))

<work> rdawo:P10004 <tConcept(field)> . // has category of work; \$v form/genre is mapped to category of work.

<tConcept(field)> skos:prefLabel “stripEndStop(\$v)” .

<tConcept(field)> skos:inScheme <tScheme(field)> .

Concept (exists(600, 610, 611, 648, 651 \$x, \$y, \$z))

<work> rdawo:P10256 <tConcept(field)> . // has subject; topical subdivisions

<tConcept(field)> skos:prefLabel “stripEndStop(concatenateOA(\$x, \$y, \$z))” . // consistent with MARC 21 manual; \$y and \$z are separately mapped to timespan and place respectively to be consistent with FAST

<tConcept(field)> skos:inScheme <tScheme(field)> .

Subfields \$0 and \$1

Subfield \$0 “Authority record control number or standard number” is mainly used for FAST identifiers in the sample of MARC 21 subject fields used for the examples.

Subfield \$1 “Real World Object URI” is not used in the sample.

OCLC manages a de-referencing service for URIs for FAST concepts. The URI template includes the identifier.

\$0 (OCoLC)fst00807113 => \$1 <https://id.worldcat.org/fast/807113>

The de-referenced graph is expressed in SKOS. It is semantically compatible with the graph generated by the transform for subject concepts. [See **Example 59**]

The probable cause of the usage of subfield \$0 instead of subfield \$1 is the [PCC guidance which has been criticized by the RSC](#) with respect to RDA value vocabularies.

We couldn’t find any usage of subfields \$0 or \$1 in the classification fields.

Generating IRIs for entities

There are advantages in basing an IRI minted by the transform on an identifiable “heading” or authorized access point:

- The access point is assumed to be locally unique within its scheme, so an IRI that includes the scheme in its construction will be globally unique
- The same IRI will be minted each time the transform is applied to the same MARC 21 data, avoiding unnecessary duplication of IRIs

Further work is required to investigate the construction of nomen IRIs to obtain the same advantages. The nomen string is the authorized access point, which is already used in the generation of the named entity. A unique nomen IRI may be based on the named entity IRI and differentiated with a sub-path for “nomen”.

For example (from Example 51 below): <familyLCSH(Clarkfamily)> rdaao:P50409 <nomenF> . // has authorized access point for family

If familyLCSH(Clarkfamily) generates <http://example/family/lcsh/Clarkfamily>, then <nomenF> may be <http://example/family/nomen/lcsh/Clarkfamily> and indicated by the function <familynomenLCSH(Clarkfamily)> .

Examples for option 3A

Classification numbers

“Human-readable string values”

<Entity minted by transform>

Example 1

050 00 \$a Z699.35.M28 \$b W55 2013

082 04 \$a 025.3/16 \$2 23

=>

1: 050 00 \$a Z699.35.M28 \$b W55 2013

<work> rdawo:P10256 <conceptLCC(Z699.35.M28)> . // duplicates
<https://id.loc.gov/authorities/classification/Z699.35.M28>

<conceptLCC(Z699.35.M28)> skos:notation
“**Z699.35.M28**”^^<SchemeNotationLCC> .

<conceptLCC(Z699.35.M28)> skos:altLabel “**Z699.35.M28**” .

<conceptLCC(Z699.35.M28)> skos:inScheme
<https://id.loc.gov/vocabulary/classSchemes/lcc> .

End

2: 082 04 \$a 025.3/16 \$2 23

<work> rdawo:P10256 <conceptDDC23(025.316)> . // concept for full edition and normalized \$a

<conceptDDC23(025.316)> skos:notation “**025.316**”^^<SchemeNotationDDC> . // normalized \$a

<conceptDDC23(025.316)> skos:altLabel “**025.316**” . // normalized \$a

<conceptDDC23(025.316)> skos:inScheme
<http://id.loc.gov/vocabulary/classSchemes/ddc23> . // tScheme(schemeCode) for 082
ind1=0 = <http://id.loc.gov/vocabulary/classSchemes/> + “ddc” + \$2

End

Example 2

050 00 \$a HV1597.5 \$b .O5 2001

060 10 \$a WW 276 \$b O588 2001

060 00 \$a W1 \$b AS364JM v.8 2001

072 7 \$a RC \$2 lcco

082 00 \$a 362.4/1/0846 \$2 21

=>

1: 050 00 \$a HV1597.5 \$b .O5 2001

<work> rdawo:P10256 <conceptLCC(HV1597.5)> . // duplicates

<https://id.loc.gov/authorities/classification/HV1597.5>

<conceptLCC(HV1597.5)> skos:notation "**HV1597.5**"^^<SchemeNotationLCC> .

<conceptLCC(HV1597.5)> skos:altLabel "**HV1597.5**" .

<conceptLCC(HV1597.5)> skos:inScheme

<https://id.loc.gov/vocabulary/classSchemes/lcc> .

End

2: 060 10 \$a WW 276 \$b O588 2001

<work> rdawo:P10256 <conceptNLM(WW 276)> .

<conceptNLM(WW 276)> skos:notation "**WW 276**"^^<SchemeNotationNLM> .

<conceptNLM(WW 276)> skos:altLabel "**WW 276**" .

<conceptNLM(WW 276)> skos:inScheme

<http://id.loc.gov/vocabulary/classSchemes/nlm> . // tScheme(schemeCode) for 060 =

<http://id.loc.gov/vocabulary/classSchemes/> + "nlm"

End

3: 060 00 \$a W1 \$b AS364JM v.8 2001

<work> rdawo:P10256 <conceptNLM(W1)> .

<conceptNLM(W1)> skos:notation "**W1**"^^<SchemeNotationNLM> .

<conceptNLM(W1)> skos:altLabel "**W1**" .

<conceptNLM(W1)> skos:inScheme <http://id.loc.gov/vocabulary/classSchemes/nlm> .
// tScheme(schemeCode) for 060 = <http://id.loc.gov/vocabulary/classSchemes/> +
“nlm”

End

4: 072 7 \$a RC \$2 lcco

<work> rdawo:P10256 <conceptLCCO(RC)> .

<conceptLCCO(RC)> skos:notation “**RC**”^^<SchemeNotationLCCO> .

<conceptLCCO(RC)> skos:altLabel “**RC**” .

<conceptLCCO(RC)> skos:inScheme <CategoryScheme(“lcco”)> . // Local dataset
for subject category schemes

End

5: 082 00 \$a 362.4/1/0846 \$2 21

<work> rdawo:P10256 <conceptDDC21(362.410846)> . // concept for full edition and
normalized \$a

<conceptDDC21(362.410846)> skos:notation
“**362.410846**”^^<SchemeNotationDDC> . // normalized \$a

<conceptDDC21(362.410846)> skos:altLabel “**362.410846**” . // normalized \$a

<conceptDDC21(362.410846)> skos:inScheme
<http://id.loc.gov/vocabulary/classSchemes/ddc21> . // tScheme(schemeCode) for 082
ind1=0 = <http://id.loc.gov/vocabulary/classSchemes/> + “ddc” + \$2

End

Example 3

050 00 \$a QH540 \$b .C53

060 00 \$a W1 \$b CI2194

070 0 \$a QH506.A1C5

072 0 \$a X300

082 04 \$a 574.8

=>

1: 050 00 \$a QH540 \$b .C53

<work> rdawo:P10256 <conceptLCC(QH540)> . // duplicates

<https://id.loc.gov/authorities/classification/QH540>

<conceptLCC(QH540)> skos:notation "**QH540**"^^<SchemeNotationLCC> .

<conceptLCC(QH540)> skos:altLabel "**QH540**" .

<conceptLCC(QH540)> skos:inScheme

<https://id.loc.gov/vocabulary/classSchemes/lcc> .

End

2: 060 00 \$a W1 \$b CI2194

<work> rdawo:P10256 <conceptNLM(W1)> . // Already minted; automatic de-duplication of graph when published

<conceptNLM(W1)> skos:notation "**W1**"^^<SchemeNotationNLM> .

<conceptNLM(W1)> skos:altLabel "**W1**" .

<conceptNLM(W1)> skos:inScheme <http://id.loc.gov/vocabulary/classSchemes/nlm> .

End

3: 070 0 \$a QH506.A1C5

[For 070, assume classification number before period and call number prefix after period, so concept for USDA scheme (call number prefix="A"); this scheme is not registered in LoC list, and there is no presence on Google.]

4: 072 0 \$a X300

<work> rdawo:P10256 <conceptAgricola(X300)> . // 072 ind2=0

<conceptAgricola(X300)> skos:notation "**X300**"^^<SchemeNotationAgricola> .

<conceptAgricola(X300)> skos:notation "**X300**" .

<conceptAgricola(X300)> skos:inScheme

<http://id.loc.gov/vocabulary/classSchemes/agricola> . // tScheme(schemeCode) for 072 ind2=0 = <http://id.loc.gov/vocabulary/classSchemes/> + "agricola"

End

5: 082 04 \$a 574.8

<work> rdawo:P10256 <conceptDDC(574.8)> . // concept for unknown edition

<conceptDDC(574.8)> skos:notation "**574.8**"^^<SchemeNotationDDC> .

<conceptDDC(574.8)> skos:altLabel "**574.8**" .

```
<conceptDDC(574.8)> skos:inScheme
http://id.loc.gov/vocabulary/classSchemes/ddc . // tScheme(schemeCode) for 082
ind1=0 = http://id.loc.gov/vocabulary/classSchemes/ + "ddc" + $2 (null)

End
```

Example 4

```
084   $a 74.72 $2 bcl

=>

<work> rdawo:P10256 <conceptBCL(74.72)> .

<conceptBCL(74.72)> skos:notation "74.72"^^<SchemeNotationBCL> .

<conceptBCL(74.72)> skos:altLabel "74.72" .

<conceptBCL(74.72)> skos:inScheme http://id.loc.gov/vocabulary/classSchemes/bcl

End
```

Example 5

```
084   $a 120 $a 940 $2 zdbz

=>

<work> rdawo:P10256 <conceptZDBS(120)> .

<conceptZDBS(120)> skos:notation "120"^^<SchemeNotationZDBS> .

<conceptZDBS(120)> skos:altLabel "120" .

<conceptZDBS(120)> skos:inScheme
http://id.loc.gov/vocabulary/classSchemes/zdbz .

<work> rdawo:P10256 <conceptZDBS(940)> . // repeats of subfield $a are distinct
classification numbers

<conceptZDBS(940)> skos:notation "940"^^<SchemeNotationZDBS> .

<conceptZDBS(940)> skos:altLabel "940" .

<conceptZDBS(940)> skos:inScheme
http://id.loc.gov/vocabulary/classSchemes/zdbz .

End
```

Example 6

084 \$a KF55.Z1 \$q UkBrU-I \$2 moys

=>

<work> rdawo:P10256 <conceptMoys(KF55.Z1)> .

<conceptMoys(KF55.Z1)> skos:notation “120”^^<SchemeNotationMoys> .

<conceptMoys(KF55.Z1)> skos:notation “120” .

<conceptMoys(KF55.Z1)> skos:inScheme
<http://id.loc.gov/vocabulary/classSchemes/moys> .

End

Example 7

050 00 \$a QH138.C54 \$b F67 2016

=>

<work> rdawo:P10256 <conceptLCC(QH138.C54)> . // no equivalent in LCC/RDF

<conceptLCC(QH138.C54)> skos:notation “QH138.C54”^^<SchemeNotationLCC> .

<conceptLCC(QH138.C54)> skos:altLabel “QH138.C54” .

<conceptLCC(“QH138.C54”)> skos:inScheme
<https://id.loc.gov/vocabulary/classSchemes/lcc> .

End

Examples for option 3B

Subject headings

“Human-readable string values”

<Transform-minted IRI>

Example numbering starts at 50 to allow additional examples for option 3A.

Example 50

600 10 \$a Arne, Thomas Augustine, \$d 1710-1778. \$t Concertos, \$m keyboard instrument, orchestra. \$n No. 3. \$p Con Spirito, \$m keyboard instrument.

=>

<work> rdawo:P10256

<conceptLCSH(ArneThomasAugustine1710-1778Concertoskeyboardinstrumentorchestra.No.3.ConSpiritokeyboardinstrument)> . // has subject concept for complete heading

<conceptLCSH(ArneThomasAugustine1710-1778.ConcertoskeyboardinstrumentorchestraNo3ConSpiritokeyboardinstrument)> skos:prefLabel **"Arne, Thomas Augustine, 1710-1778. Concertos, keyboard instrument, orchestra. No. 3. Con Spirito, keyboard instrument"** . // complete heading string

<conceptLCSH(ArneThomasAugustine1710-1778ConcertoskeyboardinstrumentorchestraNo3ConSpiritokeyboardinstrument)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen;
tScheme(600) for ind2=0 = <http://id.loc.gov/vocabulary/subjectSchemes/> + "lcsh"

<work> rdawo:P10312 <personLCSH(ArneThomasAugustine1719-1778)> . // has related person of work; uses compressed heading as local part of minted IRI, consistent with minting other entity IRIs.

<personLCSH(ArneThomasAugustine1719-1778)> rdaad:P50377 **"Arne, Thomas Augustine, 1710-1778"** . // has access point for person

<personLCSH(ArneThomasAugustine1719-1778)> rdaad:P50347 **"1710-1778"** . // has timespan associated with person; treated as a string

<work> rdawo:P10261 <workS> . // has subject work

<workS> rdaao:P50311 <nomenW> . // has authorized access point for work

<nomenW> rdand:P80068 **"Arne, Thomas Augustine, 1710-1778. Concertos, keyboard instrument, orchestra. No. 3. Con Spirito, keyboard instrument"** . // has nomen string

<nomenW> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<workS> rdawd:P10088 **"Concertos, No. 3. Con Spirito"** . // has title of work

<workS> rdawd:P10220 **"keyboard instrument, orchestra. keyboard instrument"** . // has medium of performance of musical content of representative expression

<workS> rdawo:P10312 <personS> . // has related person of work

End

Example 51

600 30 \$aClark family \$v Fiction

=>

<work> rdawo:P10256 <conceptLCSH(ClarkfamilyFiction)> . // has subject concept for complete heading

<conceptLCSH(ClarkfamilyFiction)> skos:prefLabel **"Clark family – Fiction"** .

<conceptLCSH(ClarkfamilyFiction)> skos:inScheme

<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10262 <familyLCSH(Clarkfamily)> . // has subject family

<familyLCSH(Clarkfamily)> rdaad:P50376 **"Clark family"** . // has access point for family

<work> rdawo:P10004 <conceptLCSH(Fiction)> . // has category of work

<conceptLCSH(Fiction)> skos:prefLabel **"Fiction"** .

<conceptLCSH(Fiction)> skos:inScheme

<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

Example 52

650 _0 \$a Analytical chemistry \$x Quantitative.

=>

<work> rdawo:P10256 <conceptLCSH(AnalyticalchemistryQuantitative)> . // has subject

<conceptLCSH(AnalyticalchemistryQuantitative)> skos:prefLabel **"Analytical chemistry – Quantitative"** .

<conceptLCSH(AnalyticalchemistryQuantitative)> skos:inScheme

<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

Example 53

00023669

630 00 \$a Bible. \$p Old Testament. \$l Greek \$x Versions \$x Septuagint.

=>

<work> rdawo:P10256

<conceptLCSH(Bible.OldTestament.GreekVersionsSeptuagint)> . // has subject;
complete heading

<conceptLCSH(Bible.OldTestament.GreekVersionsSeptuagint)> skos:prefLabel
“**Bible. Old Testament. Greek – Versions – Septuagint**” .

<conceptLCSH(Bible.OldTestament.GreekVersionsSeptuagint)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdaao:P10257 <workLCSH(BibleOldTestamentGreek)> . // has subject work;
compare with minting of expression in Example 64, check LCSH rules for the Bible
and versions to determine the intended work/expression boundary

<workLCSH(BibleOldTestamentGreek)> rdaao:P50311 <nomenW> . // has
authorized access point for work

<nomenW> rdand:P80068 “**Bible. Old Testament. Greek**” . // has nomen string

<nomenW> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has
scheme of nomen

<work> rdawd:P10256 “*conceptLCSH(VersionsSeptuagint)*” . // has subject

<conceptLCSH(VersionsSeptuagint)> skos:prefLabel “**Versions – Septuagint**” . //
based on standard punctuation for LCSH SES.

<conceptLCSH(VersionsSeptuagint)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

Example 54

20022343

630 00 \$a Bible. \$p New Testament. \$l English. \$s Rheims \$x Criticism,
interpretation, etc.

=>

<work> rdawo:P10256

<conceptLCSH(Bible.NewTestament.English.RheimsCriticisminterpretationetc)> . //
has subject; complete heading

<conceptLCSH(Bible.NewTestament.English.RheimsCriticisminterpretationetc)>
skos:prefLabel "**Bible. New Testament. English. Rheims – Criticism, interpretation, etc**" .

<conceptLCSH(Bible.NewTestament.English.RheimsCriticisminterpretationetc)>
skos:inScheme <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdaao:P10257 <workLCSH(BibleNewTestamentEnglishRheims)> . // has subject work

<workLCSH(BibleNewTestamentEnglishRheims)> rdaao:P50311 <nomenW> . // has authorized access point for work

<nomenW> rdand:P80068 "**Bible. New Testament. English. Rheims**" . // has nomen string

<nomenW> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10256 <conceptLCSH(Criticisminterpretationetc)> . // has subject

<conceptLCSH(Criticisminterpretationetc)> skos:prefLabel "**Criticism, interpretation, etc.**" .

<conceptLCSHCriticisminterpretationetc)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

Example 55

00005299

600 00 \$a William \$b I, \$c King of England, \$d 1027 or 1028-1087 \$v Juvenile literature.

651 0 \$a Great Britain \$x History \$y William I, 1066-1087 \$v Juvenile literature.

651 0 \$a Great Britain \$x Kings and rulers \$v Biography \$v Juvenile literature.

650 0 \$a Normans \$z Great Britain \$v Biography \$v Juvenile literature.

655 7 \$a Juvenile literature \$y 1900. \$2 rbgendr

=>

1: 600 00 \$a William \$b I, \$c King of England, \$d 1027 or 1028-1087 \$v Juvenile literature.

<work> rdawo:P10256
 <conceptLCSH(WilliamIKingofEngland1027or1028-1087Juvenileliterature)> . // has
 subject; complete heading

<conceptLCSH(WilliamIKingofEngland1027or1028-1087Juvenileliterature)>
 skos:prefLabel "**William I, King of England, 1027 or 1028-1087 – Juvenile literature**"
 .

<conceptLCSH(WilliamIKingofEngland1027or1028-1087Juvenileliterature)>
 skos:inScheme <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of
 nomen

<work> rdawo:P10261 <personLCSH(WilliamIKingofEngland1027or1028-1087)> . //
 has subject person

<personLCSH(WilliamIKingofEngland1027or1028-1087)> rdaad:P50377 "**William I,
 King of England, 1027 or 1028-1087**" . // has access point for person

<personLCSH(WilliamIKingofEngland1027or1028-1087)> rdaad:P50347 "**1027 or
 1028-1087**" . // has timespan associated with person; this is an unstructured
 description

<personLCSH(WilliamIKingofEngland1027or1028-1087)> rdaad:P50111 "William I" .
 // has name of person

<work> rdawo:P10004 <conceptLCSH(Juvenileliterature)> . // has category of work

<conceptLCSH(Juvenileliterature)> skos:prefLabel "**Juvenile literature**" .

<conceptLCSH(Juvenileliterature)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

2: 651 0 \$a Great Britain \$x History \$y William I, 1066-1087 \$v Juvenile literature.

<work> rdawo:P10256
 <conceptLCSH(GreatBritainHistoryWilliamI1066-1087Juvenileliterature)> . // has
 subject; complete heading

<conceptLCSH(GreatBritainHistoryWilliamI1066-1087Juvenileliterature)>
 skos:prefLabel "**Great Britain – History – William I, 1066-1087 – Juvenile literature**" .

<conceptLCSH(GreatBritainHistoryWilliamI1066-1087Juvenileliterature)>
 skos:inScheme <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of
 nomen

<work> rdawo:P10321 <placeLCSH(GreatBritain)> . // has subject place; use compressed nomen string as local part of IRI, consistent with the minting of concept IRIs

<placeLCSH(GreatBritain)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 **"Great Britain"** . // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10256 <conceptLCSH(HistoryWilliamI1066-1087)> . // has subject

<conceptLCSH(HistoryWilliamI1066-1087)> skos:prefLabel **"History – William I, 1066-1087"** .

<conceptLCSH(HistoryWilliamI1066-1087)> skos:inScheme <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

3: 651 0 \$a Great Britain \$x Kings and rulers \$v Biography \$v Juvenile literature.

<work> rdawo:P10256

<conceptLCSH(GreatBritainKingsandrulersBiographyJuvenileliterature)> . // has subject; complete heading

<conceptLCSH(GreatBritainKingsandrulersBiographyJuvenileliterature)> skos:prefLabel **"Great Britain – Kings and rulers – Biography – Juvenile literature"** .

<conceptLCSH(GreatBritainKingsandrulersBiographyJuvenileliterature)> skos:inScheme <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10321 <placeLCSH(GreatBritain)> . // has subject place; duplicate statement set

<placeLCSH(GreatBritain)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 **"Great Britain"** . // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10256 <conceptLCSH(Kingsandrulers)> . // has subject

<conceptLCSH(Kingsandrulers)> skos:prefLabel **"Kings and rulers"** .

<conceptLCSH(Kingsandrulers)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10004 <conceptLCSH(BiographyJuvenileliterature)> . // has
category of work

<conceptLCSH(BiographyJuvenileliterature)> skos:prefLabel "**Biography – Juvenile
literature**" .

<conceptLCSH(BiographyJuvenileliterature)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

4: 650 0 \$a Normans \$z Great Britain \$v Biography \$v Juvenile literature.

<work> rdawo:P10256

<conceptLCSH(NormansGreatBritainBiographyJuvenileliterature)> . // has subject;
complete heading

<conceptLCSH(NormansGreatBritainBiographyJuvenileliterature)> skos:prefLabel
"**Normans – Great Britain – Biography – Juvenile literature**" .

<conceptLCSH(NormansGreatBritainBiographyJuvenileliterature)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10256 <conceptLCSH(NormansGreatBritain)> . // has subject

<conceptLCSH(NormansGreatBritain)> skos:prefLabel "**Normans – Great Britain**" .

<conceptLCSH(NormansGreatBritain)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10321 <placeLCSH(GreatBritain)> . // has subject place; duplicate
statement set

<placeLCSH(GreatBritain)> rdapo:P70045 <nomenP> . // has authorized access
point for place

<nomenP> rdand:P80068 "**Great Britain**" . // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has
scheme of nomen

<work> rdawo:P10004 <conceptLCSH(BiographyJuvenileliterature)> . // has
category of work; duplicate statement set

<conceptLCSH(BiographyJuvenileliterature)> skos:prefLabel "**Biography – Juvenile
literature**" .

<conceptLCSH(BiographyJuvenileliterature)> skos:inScheme
http://id.loc.gov/vocabulary/subjectSchemes/lcsh .

End

5: 655 7 \$a Juvenile literature \$y 1900. \$2 rbgenr

<work> rdawo:P10004 <conceptrbgenr(Juvenileliterature1900)> . // has category of work

<conceptrbgenr(Juvenileliterature1900)> skos:prefLabel “**Juvenile literature – 1900**” .

<conceptrbgenr(Juvenileliterature1900)> skos:inScheme
http://id.loc.gov/vocabulary/genreFormSchemes/rbgenr . // deprecated to ‘bmscv’ at id.loc.gov, but no redirect or other mapping.

End

Example 56

75021259 (LCCN)

600 10 \$a Haydn, Joseph, \$d 1732-1809. \$t Symphonies.

=>

<work> rdawo:P10256 <conceptLCSH(HaydnJoseph1732-1809Symphonies)> . // has subject; complete heading

<conceptLCSH(HaydnJoseph1732-1809Symphonies)> skos:prefLabel “**Haydn, Joseph, 1732-1809. Symphonies**” .

<conceptLCSH(HaydnJoseph1732-1809Symphonies)> skos:inScheme
http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has scheme of nomen

<work> rdawo:P10312 <personLCSH(HaydnJoseph1732-1809)> . // has related person of work

<personLCSH(HaydnJoseph1732-1809)> rdaad:P50377 “**Haydn, Joseph, 1732-1809**” . // has access point for person

<work> rdawo:P10261 <workLCSH(HaydnJoseph1732-1809Symphonies)> . // has subject work; an aggregating work

<workLCSH(HaydnJoseph1732-1809Symphonies)> rdawo:P50311 <nomenW> . // has authorized access point for work

<nomenW> rdand:P80068 “**Haydn, Joseph, 1732-1809. Symphonies**” . // has nomen string

<nomenW> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<workLCSH(HaydnJoseph1732-1809Symphonies)> rdawd:P10088 **"Symphonies"** . // has title of work; equivalent to a collective title of an aggregating work

<workLCSH(HaydnJoseph1732-1809Symphonies)> rdawo:P10312 <personS> . // has related person of work

End

Example 57

2015372381

650 0 \$a Legal ethics \$z Florida.

650 0 \$a Lawyers \$x Malpractice \$z Florida.

650 0 \$a Attorney and client \$z Florida.

650 7 \$a Attorney and client. \$2 fast \$0 (OCoLC)fst00820888

650 7 \$a Lawyers \$x Malpractice. \$2 fast \$0 (OCoLC)fst00994388

650 7 \$a Legal ethics. \$2 fast \$0 (OCoLC)fst00995475

651 7 \$a Florida. \$2 fast \$0 (OCoLC)fst01205150

=>

1: 650 0 \$a Legal ethics \$z Florida.

<work> rdawo:P10256 <conceptLCSH(LegaethicsFlorida)> . // has subject

<conceptLCSH(LegaethicsFlorida)> skos:prefLabel **"Legal ethics – Florida"** .

<conceptLCSH(LegaethicsFlorida)> skos:inScheme

<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10321 <placeLCSH(Florida)> . // has subject place

<placeLCSH(Florida)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 **"Florida"** . // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

End

2: 650 0 \$a Lawyers \$x Malpractice \$z Florida.

<work> rdawo:P10256 <conceptLCSH(LawyersMalpracticeFlorida)> . // has subject
<conceptLCSH(LawyersMalpracticeFlorida)> skos:prefLabel “**Lawyers – Malpractice – Florida**” .

<conceptLCSH(LawyersMalpracticeFlorida)> skos:inScheme
http://id.loc.gov/vocabulary/subjectSchemes/lcsh .

<work> rdawo:P10321 <placeLCSH(Florida)> . // has subject place; duplicate
statement set

<placeLCSH(Florida)> rdapo:P70045 <nomenP> . // has authorized access point for
place

<nomenP> rdand:P80068 “**Florida**” . // has nomen string

<nomenP> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has
scheme of nomen

End

3: 650 0 \$a Attorney and client \$z Florida.

<work> rdawo:P10256 <conceptLCSH(AttorneyandclientFlorida)> . // has subject
<conceptLCSH(AttorneyandclientFlorida)> skos:prefLabel “**Attorney and client – Florida**” .

<conceptLCSH(AttorneyandclientFlorida)> skos:inScheme
http://id.loc.gov/vocabulary/subjectSchemes/lcsh .

<work> rdawo:P10321 <placeLCSH(Florida)> . // has subject place; duplicate
statement set

<placeLCSH(Florida)> rdapo:P70045 <nomenP> . // has authorized access point for
place

<nomenP> rdand:P80068 “**Florida**” . // has nomen string

<nomenP> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has
scheme of nomen

End

4: 650 7 \$a Attorney and client. \$2 fast \$0 (OCoLC)fst00820888

<work> rdawo:P10256 <https://id.worldcat.org/fast/820888> . // has subject; process
subfield \$0 as a FAST URI

[Alternatively, ignoring subfield \$0:

<work> rdawo:P10256 <conceptFAST(Attorneyandclient)> . // has subject

<conceptFAST(Attorneyandclient)> skos:prefLabel “**Attorney and client**” .

<conceptFAST(Attorneyandclient)> skos:inScheme

<http://id.loc.gov/vocabulary/subjectSchemes/fast> .]

End

5: 650 7 \$a Lawyers \$x Malpractice. \$2 fast \$0 (OCoLC)fst00994388

<work> rdawo:P10256 <https://id.worldcat.org/fast/994388> . // has subject; process subfield \$0 as a FAST URI

[Alternatively, ignoring subfield \$0:

[<work> rdawo:P10256 <conceptFAST\(LawyersMalpractice\)> . // has subject](#)

[<conceptFAST\(LawyersMalpractice\)> skos:prefLabel “**Lawyers – Malpractice**” .](#)

[<conceptFAST\(LawyersMalpractice\)> skos:inScheme](#)

[<http://id.loc.gov/vocabulary/subjectSchemes/fast> .\]](#)

End

6: 650 7 \$a Legal ethics. \$2 fast \$0 (OCoLC)fst00995475

<work> rdawo:P10256 <https://id.worldcat.org/fast/995475> . // has subject; process subfield \$0 as a FAST URI

[Alternatively, ignoring subfield \$0:

<work> rdawo:P10256 <conceptFAST(Legalethics)> . // has subject

<conceptFAST(Legalethics)> skos:prefLabel “**Legal ethics**” .

<conceptFAST(Legalethics)> skos:inScheme

<http://id.loc.gov/vocabulary/subjectSchemes/fast> .]

End

7: 651 7 \$a Florida. \$2 fast \$0 (OCoLC)fst01205150

<work> rdawo:P10321 <https://id.worldcat.org/fast/1205150> . // has subject place; process subfield \$0 as a FAST URI

[Alternatively, ignoring subfield \$0:

<work> rdawo:P10321 <placeFast(Florida)> . // has subject place; not a duplicate statement set, from different scheme

<placeFast(Florida)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 **"Florida"** . // has nomen string
<nomenP> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/fast . // has
scheme of nomen]

End

Example 58

mm 77090407

600 14 \$a Hunt, Thomas, \$d -1808.

610 10 \$a United States. \$b Army \$x Medical care.

610 10 \$a United States. \$b Army \$x Surgeons.

650 0 \$a Fortification \$z Ohio.

650 0 \$a Indians of North America \$z Ohio.

650 0 \$a Meteorology \$z Ohio.

650 0 \$a Military bases \$z Ohio.

651 0 \$a Northwest, Old \$x History \$y 1775-1865.

651 4 \$a Fort Defiance (Ohio)

656 7 \$a Army officers. \$2 itoamc

656 7 \$a Physicians. \$2 itoamc

=>

1: 600 14 \$a Hunt, Thomas, \$d -1808.

<work> rdawd:P10256 **"Hunt, Thomas, -1808"** .

<work> rdawo:P10261 <personLCSH(HuntThomas-1808)> . // has subject person

<personLCSH(HuntThomas-1808)> rdaad:P50377 **"Hunt, Thomas, -1808"** . // has
access point for person

<personLCSH(HuntThomas-1808)> rdaad:P50347 **"-1808"** . // has timespan
associated with person; treated as an unstructured description string

End

2: 610 10 \$a United States. \$b Army \$x Medical care.

<work> rdawo:P10256 <conceptLCSH(UnitedStatesArmyMedicalcare)> . // has
subject; complete heading

<conceptLCSH(UnitedStatesArmyMedicalcare)> skos:prefLabel “**United States. Army – Medical care**” .

<conceptLCSH(UnitedStatesArmyMedicalcare)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10263 <corporateLCSH(UnitedStatesArmy)> . // has subject
corporate body

<corporateLCSH(UnitedStatesArmy)> rdaao:P50407 <nomenCB1> . // has
authorized access point for corporate body

<nomenCB1> rdand:P80068 “**United States. Army**” . // has nomen string

<nomenCB1> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . //
has scheme of nomen

<work> rdawo:P10256 <conceptLCSH(Medicalcare)> . // has subject

<conceptLCSH(Medicalcare)> skos:prefLabel “**Medical care**” .

<conceptLCSH(Medicalcare)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

3: 610 10 \$a United States. \$b Army \$x Surgeons.

<work> rdawo:P10256 <conceptLCSH(UnitedStatesArmySurgeons)> . // has
subject; complete heading

<conceptLCSH(UnitedStatesArmySurgeons)> skos:prefLabel “**United States. Army – Surgeons**” .

<conceptLCSH(UnitedStatesArmySurgeons)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10263 <corporateLCSH(UnitedStatesArmy)> . // has subject
corporate body

<corporateLCSH(UnitedStatesArmy)> rdaao:P50407 <nomenCB2> . // has
authorized access point for corporate body; nomen is duplicate
entity-appellation-nomen string

<nomenCB2> rdand:P80068 “**United States. Army**” . // has nomen string

<nomenCB2> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . //
has scheme of nomen

<work> rdawo:P10256 <conceptLCSH(Surgeons)> . // has subject

<conceptLCSH(Surgeons)> skos:prefLabel **"Surgeons"** .

<conceptLCSH(Surgeons)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

4: 650 0 \$a Fortification \$z Ohio.

<work> rdawo:P10256 <conceptLCSH(FortificationOhio)> . // has subject; complete heading

<conceptLCSH(FortificationOhio)> skos:prefLabel **"Fortification -- Ohio"** .

<conceptLCSH(FortificationOhio)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10321 <placeLCSH(Ohio)> . // has subject place

<placeLCSH(Ohio)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 **"Ohio"** . // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

End

5: 650 0 \$a Indians of North America \$z Ohio.

<work> rdawo:P10256 <conceptLCSH(IndiansofNorthAmericaOhio)> . // has subject; complete heading

<conceptLCSH(IndiansofNorthAmericaOhio)> skos:prefLabel **"Indians of North America -- Ohio"** .

<conceptLCSH(IndiansofNorthAmericaOhio)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10321 <placeLCSH(Ohio)> . // has subject place; duplicate statement set

<placeLCSH(Ohio)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 **"Ohio"** . // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

End

6: 650 0 \$a Meteorology \$z Ohio.

<work> rdawo:P10256 <conceptLCSH(MeteorologyOhio)> . // has subject; complete heading

<conceptLCSH(MeteorologyOhio)> skos:prefLabel "**Meteorology – Ohio**".

<conceptLCSH(MeteorologyOhio)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10321 <placeLCSH(Ohio)> . // has subject place; duplicate statement set

<placeLCSH(Ohio)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 "**Ohio**". // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

End

7: 650 0 \$a Military bases \$z Ohio.

<work> rdawo:P10256 <conceptLCSH(MilitarybasesOhio)> . // has subject; complete heading

<conceptLCSH(MilitarybasesOhio)> skos:prefLabel "**Military bases – Ohio**".

<conceptLCSH(MilitarybasesOhio)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10321 <placeLCSH(Ohio)> . // has subject place; duplicate statement set

<placeLCSH(Ohio)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 "**Ohio**". // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

End

8: 651 0 \$a Northwest, Old \$x History \$y 1775-1865.

<work> rdawo:P10256 <conceptLCSH(NorthwestOldHistory1775-1865)> . // has subject; complete heading

<conceptLCSH(NorthwestOldHistory1775-1865)> skos:prefLabel "**Northwest, Old -- History -- 1775-1865**" .

<conceptLCSH(NorthwestOldHistory1775-1865)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10321 <placeLCSH(NorthwestOld)> . // has subject place

<placeLCSH(NorthwestOld)> rdapo:P70045 <nomenP> . // has authorized access
point for place

<nomenP> rdand:P80068 "**Northwest, Old**" . // has nomen string

<nomenP>> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has
scheme of nomen

<work> rdawo:P10322 <timespanLCSH(1775-1865)> . // has subject timespan

<timespanLCSH(1775-1865)> rdato:P70047 <nomenT> . // has authorized access
point for timespan

<nomenT> rdand:P80068 "**1775-1865**" . // has nomen string

<nomenT>> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has
scheme of nomen

End

9: 651 4 \$a Fort Defiance (Ohio)

<work> rdawd:P10256 "**Fort Defiance (Ohio)**"> . // has subject; complete heading;
string value with no scheme (ind2=4)

End

10: 656 7 \$a Army officers. \$2 itoamc

<work> rdawo:P10256 <conceptitoamc(Armyofficers)> . // has subject; complete
heading

<conceptitoamc(Armyofficers)> skos:prefLabel "**Army officers**" .

<conceptitoamc(Armyofficers)> skos:inScheme <OccupationIndexScheme(itoamc)>
. // LC Occupation Term Source Codes (no RDF?)

End

11: 656 7 \$a Physicians. \$2 itoamc

<work> rdawo:P10256 <conceptitoamc(Physicians)> . // has subject; complete
heading

```

<conceptitoamc(Physicians)> skos:prefLabel "Physicians" .
<conceptitoamc(Physicians)> skos:inScheme <OccupationIndexScheme(itoamc)> .
End

```

Example 59

sc 77000393

650 0 \$a American literature \$y 20th century \$v Periodicals.

650 7 \$a American literature. \$2 fast \$0 (OCoLC)fst00807113

648 7 \$a 1900-1999 \$2 fast

655 7 \$a Periodicals. \$2 fast \$0 (OCoLC)fst01411641

=>

1: 650 0 \$a American literature \$y 20th century \$v Periodicals.

```

<work> rdawo:P10256 <conceptLCSH(Americanliterature20thcenturyPeriodicals)> .
// has subject; complete heading

```

```

<conceptLCSH(Americanliterature20thcenturyPeriodicals)> skos:prefLabel
"American literature -- 20th century -- Periodicals" .

```

```

<conceptLCSH(Americanliterature20thcenturyPeriodicals)> skos:inScheme
http://id.loc.gov/vocabulary/subjectSchemes/lcsh .

```

```

<work> rdawo:P10322 <timespanLCSH(20thcentury)> . // has subject timespan

```

```

<timespanLCSH(20thcentury)> rdate:P70047 <nomenT> . // has authorized access
point for timespan

```

```

<nomenT> rdand:P80068 "20th century" . // has nomen string

```

```

<nomenT>> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has
scheme of nomen

```

```

<work> rdawo:P10004 <conceptLCSH(Periodicals)> . // has category of work;
complete heading

```

```

<conceptLCSH(Periodicals)> skos:prefLabel "Periodicals" .

```

```

<conceptLCSH(Periodicals)> skos:inScheme
http://id.loc.gov/vocabulary/subjectSchemes/lcsh .

```

End

2: 650 7 \$a American literature. \$2 fast \$0 (OCoLC)fst00807113

<work> rdawo:P10256 <https://id.worldcat.org/fast/807113> . // has subject; complete heading; process subfield \$0 as a FAST URI

[Alternatively, ignoring subfield \$0:

<work> rdawo:P10256 <conceptFAST(Americanliterature)> . // has subject; complete heading

<conceptFAST(Americanliterature)> skos:prefLabel **"American literature"** .

<conceptFAST(Americanliterature)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/fast> .]

End

3: 648 7 \$a 1900-1999 \$2 fast

<work> rdawo:P10322 <timespanFAST(1900-1999)> . // has subject timespan

<timespanFAST(1900-1999)> rdat:P70047 <nomenT> . // has authorized access point for timespan

<nomenT> rdand:P80068 **"1900-1999"** . // has nomen string

<nomenT> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/fast> . // has scheme of nomen

4: 655 7 \$a Periodicals. \$2 fast \$0 (OCoLC)fst01411641

<work> rdawo:P10004 <https://id.worldcat.org/fast/1411641> . // has category of work; process subfield \$0 as a FAST URI

[Alternatively, ignoring subfield \$0:

<work> rdawo:P10004 <conceptFAST(Periodicals)> . // has category of work; complete heading

<conceptFAST(Periodicals)> skos:prefLabel **"Periodicals"** .

<conceptFAST(Periodicals)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/fast> .]

End

Example 60

Decisions based on previous meetings

1. ISBD Punctuation -- When LDR 18=a or i, then remove subfields and use punctuation. If LDR 18 = c, then keep subfield codes. → must discuss the punctuation, check below
2. Order of subfields -- Retain the order of subfields that exists in the MARC tag
3. 2nd indicator -- rdf:datatype -- [Check decision II.K.](#)
4. Subfields \$h \$l \$m \$o \$r \$s are used when describing Expressions in 630. Punctuation in the subfields??
5. Subfields \$v \$x \$y \$z are used for concepts. Use space--space before value of subfield.
6. Subfield \$f & 040\$e rda → Expression, otherwise Work
7. Not a final decision about narrower relationships - use of \$4?

630 00\$aBuffy, the vampire slayer (Television program)

=>

<work> rdawo:P10257 <workLCSH(BuffythevampireslayerTelevisionprogram)> . // has subject work

<workLCSH(BuffythevampireslayerTelevisionprogram)> rdawo:P10331 <nomenW> . // has authorized access point for work

<nomenW> rdand:P80068 **"Buffy, the vampire slayer (Television program)"** . // has nomen string

<nomenW> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has scheme of nomen

End

Example 61

630 00\$aTreaty of Bucharest \$d(1918 May 7)

=>

<work> rdawo:P10257 <workLCSH(TreatyofBucharest1918May7)> . // has subject work

<workLCSH(TreatyofBucharest1918May7)> rdawo:P10331 <nomenW> . // has authorized access point for work

<nomenW> rdand:P80068 **"Treaty of Bucharest (1918 May 7)"** . // has nomen string
// not sure about the punctuation

<nomenW> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has
scheme of nomen

End

Example 62

630 07\$aFriedensvertrag von Sèvres \$f1920 August 10 \$2gnd

=>

<work> rdawo:P10257 <workLGND(FriedensvertragvonSèvres1920August10)> . //
has subject work

<workLGND(FriedensvertragvonSèvres1920August10)> rdawo:P10331 <nomenW>
. // has authorized access point for work; \$f should be \$d?

<nomenW> rdand:P80068 **"Friedensvertrag von Sèvres – 1920 August 10"** . // has
nomen string // not sure about the punctuation

<nomenW> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/gnd> . // has
scheme of nomen

End

Example 63

630 00\$aBible. \$iLatin. \$sVulgate.

=>

<work> rdawo:P10258 <expressionS> . // has subject expression

<expressionS> rdaeo:P20313 <nomenE> . // has authorized access point for
expression

<nomenE> rdand:P80068 **"Bible. Latin. Vulgate"** . // has nomen string

<nomenE> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has
scheme of nomen

<expressionS> rdaed:P20006 **"Latin"** . // has language of expression

<expressionS> rdaed:P20572 **"Vulgate"** // has designation of version

<expressionS> rdaeo:P20231 <workS> . // has work expressed

<workS> rdawo:P10331 <nomenW> . // has authorized access point for work
 <nomenW> rdand:P80068 **"Bible"** . // has nomen string
 <nomenW> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has
 scheme of nomen
 End

Example 64 (same as Example 53)

630 00\$aBible. \$pOld Testament. \$lGreek \$xVersions \$xSeptuagint

=>

<work> rdawo:P10256
 <conceptLCSH(BibleOldTestamentGreekVersionsSeptuagint)> . // has subject;
 complete heading
 <conceptLCSH(BibleOldTestamentGreekVersionsSeptuagint)> skos:prefLabel
"Bible. Old Testament. Greek -- Versions -- Septuagint" .
 <conceptLCSH(BibleOldTestamentGreekVersionsSeptuagint)> skos:inScheme
 http://id.loc.gov/vocabulary/subjectSchemes/lcsh .
 <work> rdawo:P10258 <expressionS> . // has subject expression
 <expressionS> rdaeo:P20313 <nomenE> . // has authorized access point for
 expression
 <nomenE> rdand:P80068 **"Bible. Old Testament. Greek"** . // has nomen string
 <nomenE> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has
 scheme of nomen
 <expressionS> rdaed:P20006 **"Greek"** . // has language of expression
 <expressionS> rdaeo:P20231 <workS> . // has work expressed
 <workS> rdawo:P10331 <nomenW> . // has authorized access point for work
 <nomenW> rdand:P80068 **"Bible. Old Testament"** . // has nomen string
 <nomenW> rdano:P80069 http://id.loc.gov/vocabulary/subjectSchemes/lcsh . // has
 scheme of nomen
 <work> rdawd:P10256 <conceptLCSH(VersionsSeptuagint)>. // has subject
 <conceptLCSH(VersionsSeptuagint)> skos:prefLabel **"Versions -- Septuagint"** . //
 based on standard punctuation for LCSH SES.

<conceptLCSH(VersionsSeptuagint)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

Example 65

630 00\$aQur'an \$xCriticism, interpretation, etc. \$zEurope \$xHistory \$yMiddle Ages, 600-1500.

=>

<work> rdawo:P10256

<conceptLCSH(Qur'anCriticisminterpretationetcEuropeHistoryMiddleAges600-1500)> . // has subject; complete heading

<conceptLCSH(Qur'anCriticisminterpretationetcEuropeHistoryMiddleAges600-1500)> skos:prefLabel "**Qur'an -- Criticism, interpretation, etc. -- Europe -- History -- Middle Ages, 600-1500**" .

<conceptLCSH(Qur'anCriticisminterpretationetcEuropeHistoryMiddleAges600-1500)> skos:inScheme <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10257 <workS> . // has subject work

<workS> rdawo:P10331 <nomenW> . // has authorized access point for work

<nomenW> rdand:P80068 "**Qur'an**" . // has nomen string

<nomenW> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10321 <placeLCSH(Europe)> . // has subject place

<placeLCSH(Europe)> rdapo:P70045 <nomenP> . // has authorized access point for place

<nomenP> rdand:P80068 "**Europe**" . // has nomen string

<nomenP> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has scheme of nomen

<work> rdawo:P10322 <timespanLCSH(MiddleAges600-1500)> . // has subject timespan

<timespanLCSH(MiddleAges600-1500)> rdato:P70047 <nomenT> . // has authorized access point for timespan

<nomenT> rdand:P80068 “**Middle Ages, 600-1500**” . // has nomen string
<nomenT>> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/lcsh> . // has
scheme of nomen
End

Example 66

sn 77021047

650 0 \$a World War, 1939-1945 \$v Periodicals.

647 7 \$a World War \$d (1939-1945) \$2 fast \$0 (OCoLC)fst01180924

648 7 \$a 1939-1945 \$2 fast

655 7 \$a Periodicals. \$2 fast \$0 (OCoLC)fst01411641

=>

1: 650 0 \$a World War, 1939-1945 \$v Periodicals.

<work> rdawo:P10256 <conceptLCSH(WorldWar1939-1945)> . // has subject;
complete heading

<conceptLCSH(WorldWar1939-1945)> skos:prefLabel “**World War, 1939-1945 –
Periodicals**” .

<conceptLCSH(WorldWar1939-1945)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

<work> rdawo:P10004 <conceptLCSH(Periodicals)> . // has category of work
heading

<conceptLCSH(Periodicals)> skos:prefLabel “**Periodicals**” .

<conceptLCSH(Periodicals)> skos:inScheme
<http://id.loc.gov/vocabulary/subjectSchemes/lcsh> .

End

2: 647 7 \$a World War \$d (1939-1945) \$2 fast \$0 (OCoLC)fst01180924

<work> rdawo:P10256 <conceptFast(WorldWar1939-1945)> . has subject; complete
heading; cannot treat 'date' part as a time-span entity, according to FAST.

conceptFast(WorldWar1939-1945) skos:prefLabel “**World War (1939-1945)**” .

conceptFast(WorldWar1939-1945) skos:inScheme rdano:P80069
<http://id.loc.gov/vocabulary/subjectSchemes/fast> .

End

3: 648 7 \$a 1939-1945 \$2 fast

<work> rdawo:P10322 <*timespanFAST(1939-1945)*> . // has subject timespan

<timespanFAST(1939-1945)> rdat:P70047 <*nomenT*> . // has authorized access point for timespan

<nomenT> rdand:P80068 "**1939-1945**" . // has nomen string

<nomenT> rdano:P80069 <http://id.loc.gov/vocabulary/subjectSchemes/fast> . // has scheme of nomen

End

4: 655 7 \$a Periodicals. \$2 fast \$0 (OCoLC)fst01411641

<work> rdawo:P10004 <https://id.worldcat.org/fast/1411641> . // has category of work; process subfield \$0 as a FAST URI