**BIBFRAME to MARC – v2.4 (11/07/2023)**

**Process 0 – Punctuation**

The [PCC Guidelines for Minimally Punctuated MARC Records](https://loc.gov/aba/pcc/documents/PCC-Guidelines-for-Minimally-Punctuated-MARC-Data-v.1.2.docx) provide overall guidance for supplying punctuation in MARC records.

**0.1)** All converted MARC records should have Leader/18=c assigned by default.

**0.2)** Do not re-insert any punctuation that is removed during the MARC-to-BIBFRAME conversion, including ISBD punctuation between subfields.

**0.3)** Retain final punctuation for MARC fields 210, 222, 3XX and 5XX.

**Process 1 – Creation of paired 880 fields**

To facilitate functionality in the library’s non-MARC systems, the conversion needs to create 880 fields paired with MARC fields 245, 250, 26X (usually 264) and 490.

The linking information is stored in $6 in the MARC field and the paired 880 field, structured as “$6 MMM-NN/script code” where MMM equals the MARC field, NN is the occurrence number of a paired 880 field within the MARC record, and script code is created as listed below and based on the xml:lang information in the BIBFRAME description.

**xml:lang-script MARC script code**

\*-arab (3

\*-cyrl (N

\*-grek (S

\*-hang $1

\*-hani $1

\*-hebr (2

\*-jpan $1

\*-latn (B

**Process 2 – URI placement**

* 1. For non-6XX fields, place the URI following the text label that it represents.

*Examples:*

**100 1 $a**Cordus, Euricius, **$d**1484-1535 **$0**http://id.loc.gov/authorities/names/n87864010

**100 1 $a**Austen, Jane, **$d**1775-1817 **$0**http://id.loc.gov/authorities/names/n79032879 **$4**http://id.loc.gov/vocabulary/relators/ctb

**700 1 $a**Sellers, Dylan **$0**http://id.loc.gov/authorities/names/no2008159494 **$e**production designer **$4**http://id.loc.gov/vocabulary/relators/prs

**710 2 $a**National Library of Education (U.S.) **$0**http://id.loc.gov/authorities/names/no96017071 **$4**http://id.loc.gov/vocabulary/relators/edt

* 1. For 6XX fields, place the URI for the complete string at the end of all subdivisions in the string.

*Examples:*

**650 0 $a**Cooking **$v**Periodicals **$0**http://id.loc.gov/authorities/subjects/sh2008101726

**650 0** **$a**Secrecy **$v**Fiction **$0**<http://id.loc.gov/authorities/subjects/sh2008111365>

**651 0 $a**United States **$x**History **$y**King George’s War, 1744-1748 **$0** http://id.loc.gov/authorities/subjects/sh85140136

**655 7** **$a**Fiction films **$0**http://id.loc.gov/authorities/genreForms/gf2011026250 **$2**lcgft

**2.2.1)** If a URI does not exist for the entire string, do not supply a URI

*Examples:*

**650 0 $a**Baseball cards **$z**United States

**650 0 $a**Stemware **$x**Collectors and collecting **$z**United States **$v**Catalogs

**651 0 $a**United States **$x**History, Local **$v**Fiction

* 1. If multiple subfields within a MARC field can be represented by URIs, create a new occurrence of the MARC field for each subfield.

*Examples****:***

**340 $g**multicolored **$0**http://id.loc.gov/vocabulary/mcolor/mul

**340 $o**positive **$0**http://id.loc.gov/vocabulary/mpolarity/pos

**340 $j**viewing copy **$0**http://id.loc.gov/vocabulary/mgeneration/viewcopy

**340 $a**polyester **$0**http://id.loc.gov/vocabulary/mmaterial/pol

**344 $c**33 1/3 rpm **$0**http://id.loc.gov/vocabulary/mplayspeed/b

**344 $g**stereo **$0**http://id.loc.gov/vocabulary/mplayback/ste

**Process 3 – bf:notetype URI to MARC field translator**

Most bf:notetype URIs can be associated with a specific MARC field, subfield, and/or indicator. The rdfs:label for the bf:note/bf:Note with the applicable bf:notetype should be assigned as follows:

[**http://id.loc.gov/vocabulary**](http://id.loc.gov/vocabulary)**... MARC field (all indicators=# unless specified)**

/mnotetype/accmat 300 $e

/mnotetype/action 583 $a

/mnotetype/addphys 530 $a

/mnotetype/adminhist 588 ind1=1 $a

/mnotetype/award 586 $a

/mnotetype/binding 563 $a

/mnotetype/biogdata 588 ind1=0 $a

/mnotetype/computer 516 $a/256 $a

/mnotetype/descsource 588 $a

/mnotetype/exhibit 585 $a

/mnotetype/finding 555 ind1=0 $a

/mnotetype/fundinfo 536 $a

/mnotetype/index 555 ind1=# $a

/mnotetype/issuance 515 $a

/mnotetype/issuing 550 $a

/mnoteype/lang 546 $a

/mnoteype/location 510 $a

/mnotetype/metaentry 008/34 (serials only)

/mnotetype/number 362, ind1=1 $a

/mnotetype/orig 534 $a

/mnotetype/physical 300 $b

/mnotetype/related 581 $a

/mnotetype/report 513 $a

/mnotetype/repro 533 $a

/mnotetype/with 501 $a

**Process 4 – Reconstructing a single MARC record from a Work with multiple Instances (NEW 11/07/2023)**

When a single BIBFRAME description contains multiple bf:instanceOf links, the multiple Instances need to be combined with the Work to create a single MARC record. This usually occurs when the original MARC record described several resources that were split into separate Instances during the MARC-to-BIBFRAME conversion. See **ConvSpec-Preprocess0** … in the MARC-to-BIBFRAME specifications for more information.

To construct the MARC record:

**4.1)** Each Instance will create an 007 and a 300 field in the output MARC record. These fields will be paired, e.g. the first 007 field matches the first 300 field, the second 007 matches the second 300, etc.

**4.2)** Only the first two bytes of the 007 field are generated from the media, carrier, and/or genreForm from the Instance. Use fill characters for the remaining bytes. See **Instance-bf2marc …** specification for detailed information.

**4.3)** Each 300 field should contain a $3 to differentiate the 300 fields.

**4.4)** During the MARC-to-BIBFRAME conversion, the additional Instances are given an rdf:type of <http://id.loc.gov/ontologies/bibframe/SecondaryInstance>. From these Instances, the following properties are added to the MARC record, along with a differentiator in $3:

bf:extent (300 $a)

bf:note with bf:notetype “physical” (300 $b)

bf:dimensions (300 $c)

bf:media (337)

bf:carrier (338)

bf:baseMaterial (340 $a)

bf:emulsion (340 $c)

bf:productionMethod (340 $d)

bf:mount (340 $e)

bf:reductionRatio (value) (340 $f)

bf:colorContent (340 $g)

bf:generation (340 $j)

bf:polarity (340 $o)

bf:reductionRatio (designator) (340 $q)

bf:soundCharacteristic/RecordingMedium (344 $b)

bf:soundCharacteristic/PlayingSpeed (344 $c)

bf:soundCharacteristic/GrooveCharacteristic (344 $d)

bf:soundCharacteristic/TapeConfig (344 $f)

bf:soundCharacteristic/PlaybackChannels (344 $g)

bf:soundCharacteristic/PlaybackCharacteristic (344 $h)

bf:soundContent (344 $i)

bf:soundCharacteristic/bflc:CaptureStorage (344 $j)

bf:projectionCharacteristic/PresentationFormat (345 $a)

bf:aspectRatio (345)

bf:videoCharacteristic/VideoFormat (346 $a)

bf:digitalCharacteristic/EncodingFormat (347 $b)

bf:electronicLocation (856)

**4.5)** The following properties from the additional Instances are not added to the MARC record:

bf:provisionActivity

bf:issuance

bflc:[publication|distribution|manufacture]Statement

bf:carrier

bf:title