

Reproductions - mapping and transformation

Overview:

In MARC21 records, a variety of different approaches to describing reproductions of earlier published content may appear depending on cataloging rules and practices which have changed over time. Most problematic from the perspective of Official RDA are longstanding practices to include, in one MARC record, information pertaining to the original manifestation such as date of publication, publisher, etc. in records which otherwise describe a reproduction manifestation. The project discussed and ultimately agreed that there was no way to represent our output as RDA without at least trying to separate out descriptive elements of the original from the record and creating a separate manifestation entity, relating both original and reproduction manifestations to the same expression entity. For Phase I of the mapping and transformation project, we did not attempt to deal with all possibilities for reproductions, but where a set of rules was used (Program for Cooperative Cataloging guidelines), we were able to find markers in the MARC that signaled when this approach had been used, and based on these guidelines, to identify which fields would be describing the original and which the reproduction. Issues relating to records which followed the practice of describing the original in parts of the record but didn't follow PCC guidelines or use the "marker" fields, as well as a comprehensive review of other reproduction cataloging practices, remain for further examination in Phase 2.

Documentation consulted:

LC-PCC PS 1.11 Facsimiles and Reproductions, found in RDA Toolkit, Original RDA section (requires subscription to access): https://original.rdatoolkit.org/lcpschp1_lcps1-99044.html

PCC Program for Cooperative Cataloging (Washington, D.C.). Provider-Neutral E-Resource MARC Record Guide: P-N/RDA Version, 2024.

<https://www.loc.gov/aba/pcc/scs/documents/PN-RDA-Combined.pdf>

Specific mapping practices:

Minting Entities

- First, evaluate whether Condition 1 or Condition 2 under Conditions for Mapping below, is present in the record. These are the markers of a reproduction record that has used a combined original and reproduction descriptive practice which we need to separate out.
- If either Condition is present, mint an IRI for the Original Manifestation (OriginalM)
- To relate the OriginalM to the IRI for the manifestation being described (ReproM):
- Check the value for Form of Item in 008 (008/23 for format Books, Computer Files, Continuing Resources, Music, and Mixed Materials; 008/29 Maps or Visual Materials, which use 008/29).
- If value is "o" (letter o lowercase, online), use property [ReproM] <http://rdaregistry.info/Elements/m/P30136> //"is electronic reproduction of manifestation of"// [OriginalM]
- If value is not "o", use property [ReproM] <http://rdaregistry.info/Elements/m/P30043> //"is reproduction of manifestation of"// [OriginalM]
- Relate the OriginalM to the Expression which has been minted for the ReproM, using property <http://rdaregistry.info/Elements/m/P30139> //"Has expression manifested"//

Conditions for Mapping

Condition 1 (provider-neutral online electronic records):

- 588 (Source of description note) if a 588 tag is present in which \$a contains the text string "version record."

Condition 2 ((microforms, online electronic access, POD and photocopy):

- 533 (Reproduction note) if a 533 tag is present in which \$a does not contain the text string "also available as."

Check for condition one, if not present, check for condition 2.

Transformation Guidelines

In the mapping spreadsheet, under Conditions, the phrase "Check for Reproduction Conditions 1 and 2" will be added for all mapping rows that need to be checked, (different for tag 300). A short phrase will be inserted into the Transformation Instructions beginning "If a Reproduction condition is present..."

For most data in 008, 250, 260, 264, and 300, the instruction will be:

- ... apply mapping and transformation to OriginalM, not ReproM."

For 008, Form of Item (008/23 or 29), special instructions conditional on the value present.

- Condition column: "Check for Reproduction Conditions 1 and 2"
- Transformation: ""If a Reproduction condition is present, AND if value != a, b, c, o, or r, apply mapping and transformation to OriginalM, not ReproM"
- Only a, b, c, o, or r are specified (valid) in PCC instructions for this byte for microforms, electronic reproductions or provider neutral records. These values describe the reproduction. Other values might appear if the record is "cloned" and the byte is not updated from what was in the original manifestation record.

For 245, the instruction will be:

- ... apply mapping/transformation to both OriginalM and ReproM."

This is because both manifestations need to have a title, which is not supplied in tag 533 and is thus assumed to be the same for original and reproduction.

For tag 300, the Condition column needs to say "Check for Reproduction Condition 2 only" and the transform instruction would be "If a Reproduction condition is present, apply mapping/transformation to OriginalM, not ReproM". This is because Provider Neutral instructions say to describe the reproduction in 300, but Facsimiles and Reproductions instructions say to describe the original with regard to extent, etc. (retaining existing field from a cloned PCC record for the original if available).

8XX fields: Upon examination, there seemed to be no value in trying to apply conditional mapping to the 8xx fields. From experience with MARC records, these may reflect both reproduction series and/or series within which the original was published. We are mapping them to the reproduction manifestation.

Issues observed with Phase I transformations that we will try to improve in Phase 2:

- As mentioned in the Overview, records which don't follow PCC guidelines for reproductions, particularly older, pre-RDA records. This includes records which are nevertheless describing the original in parts of the record and a reproduction in other places, e.g. information about the reproduction in a 500 note. Handling of the fixed field values may be particularly unpredictable. Large vendor or publisher record sets may

give some possibility of pre-remediation.

- Information about an original derived from a MARC record for a reproduction may not be sufficient to construct an access point for the original manifestation or a "matching" type of URI for that manifestation, that would align with those data elements generated from a record for the original. This could prevent a reconciled description where both original and reproduction converted MARC records are in a collection or set of descriptions.