11 November 2019

Metadata services: changes in MARC 21 format for bibliographic data from 11 February 2020 (Export Release 2020.01)

Dear Sir or Madam

We would like to draw your attention to the Export Release 2019.03 of the MARC 21 format for bibliographic data.

1. Schedule

The release planning[1] includes an external test phase. The field description and the test data are published at the beginning of this phase (see section 4). In the subsequent two weeks all data purchasers can evaluate the test data for errors or irregularities and report them.

For the 2020.01 release, the external test phase is:

| 11 – 22 November 2019

Please send any feedback (including examples) by 22 November 2019 to metadatendienste@dnb.de.

No further adjustments will be made to the scheduled release once the external test phase has ended. If we receive feedback at a later date, we will examine whether any corrections can be made; such corrections will not be issued any earlier than the following release.
After the end of the external test phase, the test data will be available for testing the import until the release goes into productive use.

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[1] https://wiki.dnb.de/x/wgcbBQ

2. Format changes

The changes will apply from:

| 11 February 2020 (There may be disruptions to the interfaces and the Data Shop between 08:00 and 12:00 noon during the technical changeover.)

2.1. ISSN (International Standard Serial Number) – changes to MARC export

2.1.1. Information on ISSNs in the parallel edition: MARC field 029 (Other System Control Numbers) (R) and MARC fields 76X – 78X (Linking Entry Fields)

In accordance with a resolution passed by the Committtee on Data formats and the Cooperative network applications working group (AGKVA), the delivery of ISSNs of parallel editions in MARC 029 (Other System Control Numbers) (R) will gradually cease from February 2020; instead, the ISSN (MARC 022 $a) of the parallel editions, linked by IDNs, will be entered into subfield $x of the corresponding linking entry fields MARC 76X - 78X. Delivery in MARC 21 will be phased in such a way that the subfield in the linking entries will first be filled with the information from MARC 022 $a $2 (authorized ISSN, $2 with value "6") and then – if none is available – from MARC 022 $a (ISSN).

In the case of resources that have the ISSN of a parallel edition but for which there is no reference work in the German Union Catalogue of Serials (ZDB[2]), this ISSN will also be delivered in subfield $x (International Standard Serial Number) of the unlinked MARC fields 76X - 78X.

MARC 029 will no longer be delivered once the obsolete data has been successively cleaned up.

2.1.2. MARC field 022 (International Standard Serial Number (R): new subfields $l (ISSN-L) (NR) and $m (Cancelled ISSN-L) (R)

The ISSN-L[3] (ISSN linking) is a specific ISSN that groups different different media of the same journal title. It is assigned automatically by the International ISSN Centre.[4]

Starting with this release, the ISSN-L can be delivered in subfield $l of MARC field 022 and the cancelled ISSN-L in subfield $m.

MARC field 022 (International Standard Serial Number) (R)

Indicators:

| First Indicator (Level of international interest):
  _ = No level specified
  0 = Continuing resource of international interest
  1 = Continuing resource not of international interest
| Second Indicator:
  _ = Undefined

Subfield codes:

| $a (International Standard Serial Number) (NR):
  ISSN with hyphen without the string ISSN
  Authorized ISSN with hyphen without the string ISSN
| $l (minuscule L) (ISSN-L) (NR):
  ISSN-L with hyphen without the string ISSN
  Authorized ISSN-L with hyphen without the string ISSN
| $m (Canceled ISSN-L) (R):
  Canceled ISSN-L with hyphen without the string ISSN
  Canceled authorized ISSN-L with hyphen without the string ISSN
| $y (Incorrect ISSN) (R):
  Incorrect ISSN with hyphen without the string ISSN
| $z (Canceled ISSN) (R)
  Canceled ISSN with hyphen without the string ISSN
  Canceled authorized ISSN with hyphen without the string ISSN
| $2 (Source) (NR):
  „6" = National ISSN Centre for Germany

Example in outlines:

001 1176825313
016 7_ $2DE-101$a1176825313
016 7_ $2DE-600$a2960523-4
022 __ $a2627-7387**$l2627-7387**
022 __ $a2627-7387$26
222 0_ $aBauhistorische Forschungen
245 00 $aBauhistorische Forschungen$cim Auftrag der Detlefsen-Gesellschaft
264 31 $aNorderstedt$bBoD - Books on Demand$c2019-

001 1129700380
016 7_ $2DE-101$a1129700380
016 7_ $2DE-600$a2891284-6
022 __ $a2512-9716**$m2512-9112**
022 __ $a2512-9716$26
222 0_ $aWissen schafft Demokratie$bOnline
245 00 $aWissen schafft Demokratie$bSchriftenreihe des Instituts für Demokratie und Zivilgesellschaft$cHerausgeber: Institut für Demokratie und Zivilgesellschaft (IDZ) – Thüringer Dokumentations- und Forschungsstelle gegen Menschenfeindlichkeit
264 31 $aBerlin$bAmadeu Antonio Stiftung$aJena$bIDZ - Institut für Demokratie und Zivilgesellschaft$c[2017]-

2.2. MARC field 751 (Added entry – Geographic Name): new subfield $g (Miscellaneous Information) (R)

The metadata in the German Union Catalogue of Serials (ZDB) uses MARC field 751 to document the place of distribution of a continuing resource. In this case, the relator code[5] in $4 is "dbp" (Distribution place). Previously, additional information relating to the place name was only provided in subfield $a as supplementary text. A subfield $g was then requested for this content. The discussion paper[6] met with a positive response and the subfield $g was subsequently redefined in a fast-track proposal. This will be added to MARC documentation update 29[7], which is to be released in the near future.

MARC field 751 (Added Entry Geographic Name) (R)

Indicators:

| First Indicator _   _ = Undefined
| Second Indicator   _ = Undefined

Subfield Codes:

| $a (Geographic Name) (NR):   Distribution place
| $g (Miscellaneous Information) (R):   Miscellaneous Information
| $0 (Authority record control number) (R): „(DE-588)"IDN of the authority record
                                         „(DE-101)" IDN of the authority record
                                         „https://d-nb.info/gnd/"IDN of the authority record

| $2 (Source of heading or term) (NR):   „gnd" ($2 at the end of field 751)
| $4 (Relator code) (R):   „dbp"

Example in outlines:

001 1084354373
245 00 $aNeues ERfahren$bin unserem amtlichen Nachrichtenblatt erfahren Sie Wissenswertes
         aus Erlenbach und Binswangen$cHerausgeber: Gemeinde Erlenbach
264 31 $aBad Friedrichshall$bNussbau Medien Bad Friedrichshall GmbH & Co. KG$c[2016]-
751 __ $0(DE-588)4439836-0$0https://d-nb.info/gnd/4439836-0
         $0(DE-101)949604666$aErlenbach**$gLandkreis Heilbronn**$4dbp$2gnd

2.3. Information on MARC fields 530 (Additional Physical Form Available Note) (R) and 533 (Reproduction Note) (R)

The German Union Catalogue of Serials (ZDB) will in future catalogue electronic reproductions or digitised works on the basis of the original. When the RDA cataloguing standard was introduced, reproductions were initially catalogued on the basis of the reproduction itself. According to RDA 1.11 D-A-CH, each library network can decide on one of the two options. The decision to catalogue

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[5] http://www.loc.gov/marc/relators/

[6] http://www.loc.gov/marc/mac/2019/2019-dp04.html

[7] http://www.loc.gov/marc/status.html

reproductions on the basis of the original was made during the 70th meeting of the Cooperative network applications working group (AG KVA)[8] in February 2019.

This cataloguing change only affects ZDB data and has next to no impact on MARC export since the corresponding fields are already known in connection with the legacy data (fields for secondary editions).

Exception:

| MARC field 530 (Additional Physical Form Available Note) (R): as the fields in the ZDB may now be repeated, field 530 is also delivered as a repeatable field in the export.
| MARC field 533 (Reproduction Note) (R[9]): new subfield $a (Type of Reproduction) (NR)

MARC export new on the basis of the original (example in outlines)

XXXXXnas a22XXXXX c 4500
001 1176577182
003 DE-101
005 20190627152116.0
007 cr||||||||||||
008 190129d18771912xx u||p|o ||| 0||||1ger c
016 7_ $2DE-101$a1176577182
016 7_ $2DE-600$a2959726-2
029 ad $a1619-6260
035 __ $a(DE-599)ZDB2959726-2
040 __ $a9001$bger$cDE-101$d0292$erda
041 __ $ager
044 __ $cXA-DXDE
082 74 $a340$a330$qDE-600$223sdnb
084 __ $a600$a630$a650$2rpb
090 __ nlanld
245 00 $aJahrbuch für Gesetzgebung, Verwaltung und Volkswirtschaft im Deutschen Reich $chrsg. von Gustav Schmoller
247 00 $aJahrbuch für Gesetzgebung, Verwaltung und Volkswirthschaft im Deutschen Reich$fHauptsacht. bis 12.1888
264 31 $aLeipzig$bDuncker & Humblot$c1877-1912
336 __ $aText$btxt$2rdacontent
337 __ $aComputermedien$bc$2rdamedia
338 __ $aOnline-Ressource$bcr$2rdacarrier
362 0_ $a1.1877 - 36.1912
363 00 $81.1\x$a1$i1877
363 10 $81.2\x$a36$i1912
500 __ $aReproduktion
530 __ $aOnline-Ausgabe: München : Bayerische Staatsbibliothek, Münchener Digitalisierungszentrum, 2013 - 2018. Online-Ressource
530 __ $aOnline-Ausgabe: Berlin : Staatsbibliothek SPK, 2017-2019. Online-Ressource
533 __ $7d20132018$aOnline-Ausgabe$bMünchen$cBayerische Staatsbibliothek, Münchener Digitalisierungszentrum$bBerlin$cStaatsbibliothek SKK

$bOrt ohne Verlag$eOnline-Ressource$fDigiZeitschriften
583 1_ $aLangzeitarchivierung : durch die Bayerische Staatsbibliothek$iLZA
776 08 $iElektronische Reproduktion von$tJahrbuch für Gesetzgebung, Verwaltung und Volkswirtschaft im Deutschen Reich$dLeipzig : Duncker & Humblot, 1877-1912 $w(DE-600)6373-3$w(DE-101)010085823

3. Other information

| MARC field 007 (R): in the past, printed music was at times not delivered with a field 007 (Physical Description Fixed Field – Notated Music). This has now been corrected; for printed music, value "q" (Notated music) will now be uniformly delivered in position 0 and "|" (No attempt to code) in position 1.
| MARC field 044 (Country of Publishing/Producing Entity Code) subfield $c (ISO country code): new code "XA-QV" for Kosovo (cataloguing and export possible from 28/01/2019).
| MARC field 925 (Other DNB Codes) (R): workflow management codes will be issued for internal workflows (1 lower-case letter). In this case, the value of the first indicator is "w" (Workflow information). The code itself is located in subfield $a. This does not usually affect the bibliographic metadata displayed in the Deutsche Nationalbibliografie.

4. Further information and test data

The official Library of Congress documentation of the fields described can be found at https://www.loc.gov/marc/bibliographic/.
The full description of bibliographic data fields is available in PDF and Excel versions at https://www.dnb.de/EN/marc21.
In order to provide a brief overview of the changes made since publication of the previous description, all changes to the previous version are given on the first pages of the PDF versions in each case.
A sample file containing the notified changes can be found at https://data.dnb.de/testdat/ under file name "TitelTestRelease2020_01".

5. Unconfirmed advance information about the next but one release

Please note that this advance information on possible future changes is, by its nature, incomplete; changes may also be postponed to a later release or shelved entirely. Similarly, there may also be further major changes to the content. Which points are in fact implemented can be found in the corresponding release announcement which will be issued in March 2020.

Further information on the release cycle can be obtained from: https://wiki.dnb.de/x/wgcbBQ

For the next-but-one release in mid-June 2020, the following changes are being planned:

Bibliographic data:

| the Open Access information and other licence information is being revised. The relevant proposal[10] was accepted by the MARC Advisory Committee with minor amendments, and the changes to the MARC format were published as update no. 28.
| Standardisation of the information provided in the second indicator in fields 76X - 787 (the second indicator contains the value "8" except in fields 780 and 785).
| MARC field 583 (Action Note) (R) $a (Action) (NR): amendment of text for code "cd" used in the ZDB.

If you have any questions please do not hesitate to mail us at metadatendienste@dnb.de or phone us on +49 69 1525-1630.

Kind regards,
on behalf of Deutsche Nationalbibliothek (German National Library)
Heike Eichenauer

*** Reading. Hearing. Understanding. German National Library ***

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[10] http://www.loc.gov/marc/mac/2019/2019-01.html