

9. July 2018

Integrated Authority File (GND) data service: Changes in MARC 21 format for authority data from 16 October 2018 (export release 2018.03)

Dear Sir or Madam,

We would like to draw your attention to export release 2018.03 relating to the MARC 21 format for authority data.

1. Schedule

1.1. Format Changes

The release planning¹ includes an external test phase. The field description and the test data are published at the beginning of this phase (see section 3). Over the next two weeks, an external test phase will be implemented to allow all data users to test the test data for import and the Online Standard Interface (ONS)² in relation to the signalised format changes.

For the 2018.03 release, the external test phase is:

| 9 – 20 July 2018

Please send any feedback (including examples) by 20 July 2018 to datendienste@dnb.de.

1.2. Productive use

The changes will apply from:

- | 16 October 2018
(There may be disruptions to the interfaces and the Data Shop between 08:00 and 12:00 during the technical changeover.)
- | Del. 42, 2018 from the GND Change Service³

¹ <https://wiki.dnb.de/x/wgcbBQ>

² <http://www.dnb.de/EN/ons>

³ <http://www.dnb.de/gndchangeservice>

2. Format changes

2.1. MARC field 040 (Cataloging source) (NR): First-time delivery of subfield \$c (Transcribing agency) (NR)

MARC field 040 (Cataloging source) (NR) now delivers the International Standard Identifier for Libraries and Related Organisations (ISIL)⁴ of the record creator in both subfield \$a (Original cataloging agency) (NR) and, for the first time, in subfield \$c (Transcribing agency). Subfield \$c must be completed for the purpose of importing GND data into the OCLC WorldCat⁵.

MARC field 040 Cataloging source (NR)

First indicator: # – undefined

Second indicator: # – undefined

- | \$a (Original cataloging agency) (NR): ISIL of the organisation that created the original record
- | \$b (Language of cataloging) (NR): Entry coded as per "MARC Code List for Languages"⁶, default: "eng"
- | \$c (Transcribing agency) (NR): Cataloging institution, ISIL of the organisation that created the original record
- | \$d (Modifying agency) (R): Organisation responsible for the last change to the record (4-character identifier⁷)
- | \$e (Description conventions) (R):
 - "rda" = record conforms with RDA
 - "rak" = record conforms with RAK-WB or RAK-M
- | \$f (Subject heading/thesaurus conventions) (NR):
 - "rswk" = record conforms with RSWK
- | \$9r: (Cataloging institution): ISIL of the library network editorial office

Example in outlines:

```
001 004686438
003 DE-101
005 20180221004646.0
008 890418n||azznnaabn | ana |c
024 7_ $ahttp://d-nb.info/gnd/2008945-4$2uri
035 __$a(DE-101)004686438
035 __ $a(DE-588)2008945-4
040 __ $aDE-101$9r:DE-1$bger$cDE-101$d9999
042 __ $agnd1
110 2 $aDeutsches Buch- und Schriftmuseum
```

⁴ ISIL and library code list online: <http://sigel.staatsbibliothek-berlin.de/nc/en/suche/>

⁵ <https://www.worldcat.org/>

⁶ <http://www.loc.gov/marc/languages/>

⁷ <https://wiki.dnb.de/x/7YHeAg>

410 2 \$aDeutsches Buch- und Schriftmuseum des Deutschen Buchgewerbevereins\$9v:verwendet seit 1944

2.2. MARC field 382 (Medium of Performance) (R): new subfields \$e (Number of ensembles of the same type) (R) and \$t (Total number of ensembles) (NR)

The above-mentioned subfields \$e and \$t are now delivered to facilitate mapping in MARC 21 of the changes in RDA 6.15 (Medium of Performance) in the RDA Toolkit⁸ Release August 2017.

MARC field 382 (Medium of Performance) (R)

First indicator: „_“ – No information provided

Second indicator: „_“ – undefined

- | \$a (Medium of Performance) (R)
- | \$e (Number of ensembles of the same type) (R)
- | \$n (Number of performers of the same medium) (R)
- | \$p (Alternative medium of performance) (R)
- | \$s (Total number of performers) (NR)
- | \$t (Total number of ensembles) (NR)
- | \$v (Note) (R)
- | \$0 (Authority record control number or standard number) (R):
“(DE-101)”, followed by the control number
“(DE-588)”, followed by the GND number
“http://d-nb.info/gnd/”, followed by the GND number
- | \$2 (Source of term) (NR): “gnd”

Example in outlines:

```
100 1_ $aSpohr, Louis$d1784-1859$tMessen$nop. 54
377 _7 $alat$2iso639-2b
380 __ $0(DE-101)041290313$0(DE-588)4129031-8
      $0http://d-nb.info/gnd/4129031-8$aMessvertonung$2gnd
382 __ $0(DE-101)041569415$0(DE-588)4156941-6
      $0http://d-nb.info/gnd/4156941-6$aSingstimme$n5$2gnd
382 __ $0(DE-101)107726772X$0(DE-588)107726772X
      $0http://d-nb.info/gnd/107726772X$aGemischter Chor$e2$vje 5-stimmig$2gnd
382 __ $s5$2gnd
382 __ $t2$2gnd
```

⁸ <https://access.rdatoolkit.org/>

2.3. New code in MARC field 042 (Authentication Code) (NR), subfield \$a (Authentication code) (R)

In order to identify protected GND records, the value "gndz" (GND protected record, protected from editing or updating) is now delivered in subfield \$a (Authentication code). The new code was announced⁹ on 1 December 2017. Codes are entered in compliance with the MARC Authentication Action Code List¹⁰.

MARC field 042 (Authentication Code) (NR)

Subfield \$a (Authentication code) (R):

- | gnd1 - GND authenticated by curation team of a library network
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it was authenticated by a curation team of a library network.]
- | gnd2 - GND authenticated by a local curation team
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it was authenticated by a local curation team.]
- | gnd3 - GND authenticated by trained users
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it was authenticated by trained users.]
- | gnd4 - GND authenticated by untrained users
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it was authenticated by untrained users.]
- | gnd5 - GND authenticated by other non-librarian users
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it was authenticated by other non-librarian users.]
- | gnd6 - GND legacy data, not authenticated
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it consists of legacy data not authenticated by a curation team.]
- | gnd7 - GND automatically generated record, not authenticated
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it was not authenticated, but generated automatically.]
- | gndz - GND protected record
[signifies that the record is part of the Integrated Authority File (GND - Gemeinsame Normdatei (Deutsche Nationalbibliothek)) and that it is protected from editing or updating.]
- | Further values from the "MARC Authentication Action Code List" may be used¹¹.

⁹ <https://www.loc.gov/marc/relators/tn171201src.html>

¹⁰ <https://www.loc.gov/standards/valuelist/marcauthen.html>

¹¹ <https://www.loc.gov/standards/valuelist/marcauthen.html>

3. Further information and test data

The official Library of Congress documentation of the fields described can be found at <http://www.loc.gov/marc/authority/ecadhome.html>.

The full description of authority data fields is available in PDF and Excel versions at <http://www.dnb.de/marc21>. In order to provide a brief overview of the changes made since publication of the previous concordance, all changes to the previous version are given on the first pages of the current field description in the PDF versions in each case.

A sample file containing the notified changes and the new field can be found at <https://data.dnb.de/testdat/> with file name "GNDTestRelease2018_03".

4. 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 mid-October 2018.

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

There are no planned changes in the **next release but one**, scheduled for mid-February 2019.

If you have any questions please do not hesitate to mail us at datendienste@dnb.de or phone us on the usual numbers.

Yours faithfully,
on behalf of Deutsche Nationalbibliothek (German National Library)

Heike Eichenauer

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