

11 November 2019

Metadata services: Changes in RDF format from 11 February 2020 (Export Release 2020.01)

1. Release schedule

Dear Sir/Madam,

In accordance with the German National Library's (DNB) release planning for export formats¹, the next change in the conversion and data modelling will take place on 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. Linked Data Service in general

2.1. Full copies

Following the export releases, it is expected that updated full copies of the Integrated Authority File (GND²) and the DNB's bibliographic data will be made available for download in the serialisation formats RDF/XML, Turtle, JSON-LD, as an HDT file³ and in N-Triples as of March, June/July and October/November⁴. The full copy for Entity Facts⁵ will also be released at these times, albeit only in the format JSON-LD.

Metadata provenance dump deliveries are effected at the same intervals. The provenance information is modelled along the lines of PROV Ontology⁶ and published in the form of a separate data copy. Additional information regarding planning, documentation and modelling is available on the DNB WIKI⁷.

¹ <https://wiki.dnb.de/x/wgcbBQ>

² <https://www.dnb.de/EN/gnd>

³ Header, Dictionary, Triples; <http://www.rdfhdt.org/what-is-hdt/>

⁴ <https://data.dnb.de/opendata/>

⁵ <https://www.dnb.de/EN/entityfacts>

⁶ <http://www.w3.org/TR/prov-o/>

⁷ <https://wiki.dnb.de/x/46G5C>

Full copies of the bibliographic data from the German Union Catalogue of Serials (ZDB) and the Address data of the German ISIL and Library Code Agency⁸ will be updated in March and October/November.

2.2. Prefixes used in the document

rdau	http://rdaregistry.info/Elements/u/
schema	http://schema.org/

3. Changes in the conversion of bibliographic data from the German National Library and the German Union Catalogue of Serials

- | New feature: the numbering of serials is now transported using the property "rdau:P60128".

Example:

```
<https://ld.zdb-services.de/resource/952617-1>  
<http://rdaregistry.info/Elements/u/P60128> "1.1901 - 92.1991,26" .
```

Examples in the test file:

```
http://ld.zdb-services.de/resource/952617-1  
http://ld.zdb-services.de/resource/2845-9  
http://ld.zdb-services.de/resource/956718-5
```

- | New feature: the place of distribution (for example of daily newspapers) is now linked using the property "schema:spatial".

Example:

```
<https://ld.zdb-services.de/resource/235-5> <http://schema.org/spatial>  
<https://d-nb.info/gnd/4013255-9> .
```

Examples in the test file:

```
https://ld.zdb-services.de/resource/235-5  
https://ld.zdb-services.de/resource/650-6
```

4. Examples and further information

The following example files, including the announced changes, can be accessed in the serialisation formats RDF/XML, Turtle and JSON-LD by visiting <https://data.dnb.de/testdat/>:

- | "ZDBTitelTestRelease2020_01 ..." for the ZDB bibliographic data

⁸ <http://sigel.staatsbibliothek-berlin.de/en/startseite/>

All the information regarding the German National Library's Linked Data Service can be found on our website⁹.

If you have any questions please do not hesitate to mail us at metadatendienste@dnb.de.

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<https://www.dnb.de>

⁹ <https://www.dnb.de/EN/lds>