

19 March 2015 (updated 20 May 2015)

# Data Service: Changes in RDF/XML format from week 23, 2015 (export release 02/2015)

## 1. Release schedule

Dear Sir or Madam,

As part of the scheduled release planning<sup>1</sup> of the German National Library (DNB), the next changes in the conversion and the data modelling will take place on 2 June 2015.

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

Mirroring the schedule of the export releases, updated full copies of the Integrated Authority File (GND) and the bibliographic data of the DNB will be made available for downloading in RDF/XML and Turtle format in February, June and October<sup>2</sup>.

## 2. GND ontology changes

The following GND Ontology<sup>3</sup> changes are planned in the 02/2015 export release:

- | Enhancement: The name of the property "gndo:contributinFamily<sup>4</sup>" is to be changed to "gndo:contributingFamily". The old property "gndo:contributinFamily<sup>5</sup>" will be marked as deprecated.
- | Bugfixing: The property "periodOfActivity<sup>6</sup>" was previously given as type "owl:ObjectProperty". The type has now been corrected to "owl:DatatypeProperty".
- | Adjustment: The class "gndo:MeansOfTransportWithIndividual\_name<sup>7</sup>" will be marked as deprecated. A new class - "gndo:MeansOfTransportWithIndividualName<sup>8</sup>" - has been created which should be

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<sup>1</sup> <https://wiki.dnb.de/x/wgcbBQ>

<sup>2</sup> <http://datendienst.dnb.de/cgi-bin/mabit.pl?userID=opendata&pass=opendata&cmd=login>

<sup>3</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19>

<sup>4</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#contributinFamily>

<sup>5</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#contributingFamily>

<sup>6</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#periodOfActivity>

<sup>7</sup> [http://d-nb.info/standards/elementset/gnd2015-05-19#MeansOfTransportWithIndividual\\_name](http://d-nb.info/standards/elementset/gnd2015-05-19#MeansOfTransportWithIndividual_name)

<sup>8</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#MeansOfTransportWithIndividualName>

used instead. This adaptation does not involve any semantic change, it is simply intended to conform to the naming convention.

- | Adjustment: New property "gndo:functionOrRoleAsLiteral"<sup>9</sup> for cases in which functions or roles are not provided by links to the GND.
- | Adjustment: The following properties have been created to permit the issue of narrower terms for subject headings:
  - "gndo:narrowerTermGeneral"<sup>10</sup>
  - "gndo:narrowerTermGeneric"<sup>11</sup>
  - "gndo:narrowerTermInstantial"<sup>12</sup>
  - "gndo:narrowerTermPartitive"<sup>13</sup>

### 3. GND conversion changes

The following GND Conversion changes are planned for the 02/2015 export release:

- | Enhancement: BC dates will now, where possible, be given as literals with the data types "xsd:date"<sup>14</sup> and "xsd:gYear"<sup>15</sup> in the "gndo:dateOfBirth" and "gndo:dateOfDeath" properties.  
(Sample record: Identifier 1118501828, 118573624, 102396493, 118501720 118516361, 100271693, 100731554, 100776930)
- | Enhancement: Nobility titles without links to the GND will now also be issued as literals with the property "gndo:titleOfNobilityAsLiteral".  
(Sample record: Identifier 1052561713, 100001343, 100014704, 100076262)
- | Adjustment: Now that the German version of DDC 22 has been made available at <http://dewey.info/><sup>16</sup>, the GND subject heading links are being adapted accordingly. They now link to "dewey.info" and not to "d-nb.info".  
(Sample record: Identifier 4000030-8, 4000044-8, 4000056-4)
- | Enhancement: The name of the "gndo:Fictive\_term" class is being changed to "gndo:FictiveTerm" in order to create uniformity within the GND ontology.  
(Sample record: Identifier 1045485497)

### 4. Bibliographic data conversion changes

The following bibliographic data conversion changes are planned for the 02/2015 export release:

- | Adjustment: Publishers with GND links are identified by the property "dcterms:publisher". GND links of publishers in the bibliographic data became possible through the integration of the "Address book of the German book trade"<sup>17</sup> into the GND.  
(Sample record: Identifier 577931083, 1002310008, 1014795494)

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<sup>9</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#functionOrRoleAsLiteral>

<sup>10</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#narrowerTermGeneral>

<sup>11</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#narrowerTermGeneric>

<sup>12</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#narrowerTermInstantial>

<sup>13</sup> <http://d-nb.info/standards/elementset/gnd2015-05-19#narrowerTermPartitive>

<sup>14</sup> <http://www.w3.org/TR/xmlschema-2/#date>

<sup>15</sup> <http://www.w3.org/TR/xmlschema-2/#gYear>

<sup>16</sup> Dewey.info is actually unavailable. Visit <http://ddc.typepad.com/025431/2015/03/deweyinfo-unavailable-for-couple-days.html> for more information.

<sup>17</sup> <http://www.adb-online.de>

Example files, including notified changes, can be found within the next few days under file name "GNDTitelTestRelease02\_2015RDF.RDF" for the GND authority data and "DNBTitelTestRelease02\_2015RDF.RDF" for DNB bibliographic data <http://datendienst.dnb.de/cgi-bin/mabit.pl?userID=testdat&pass=testdat&cmd=login>.

Information on the Linked Data Service of the German National Library can be found on our website at <http://www.dnb.de/lds>.

The text of this circular is available at <http://www.dnb.de/datendienstinfo>; the English version can be found at <http://www.dnb.de/EN/dataservicesnews>.

Please do not hesitate to contact us should you have any questions.

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