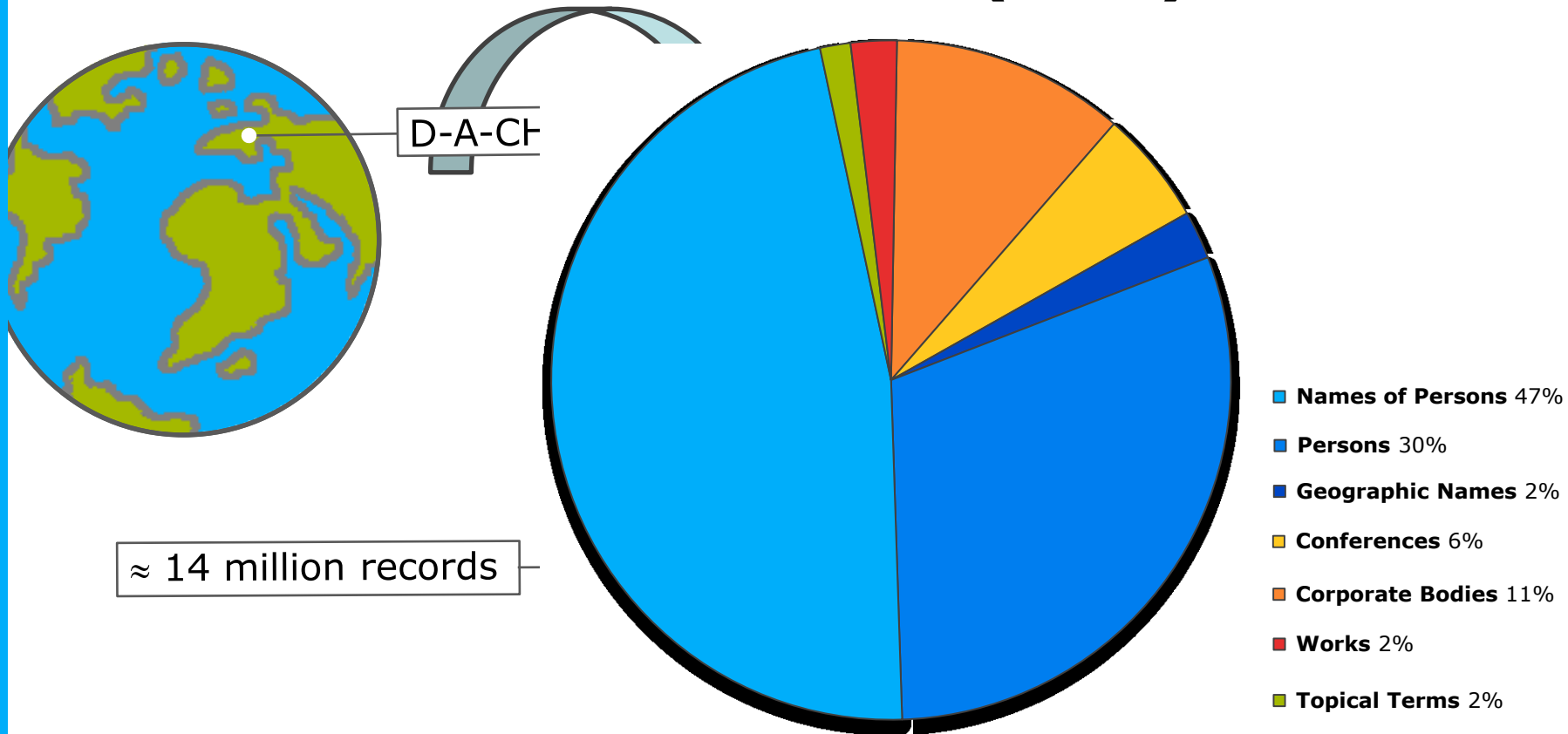


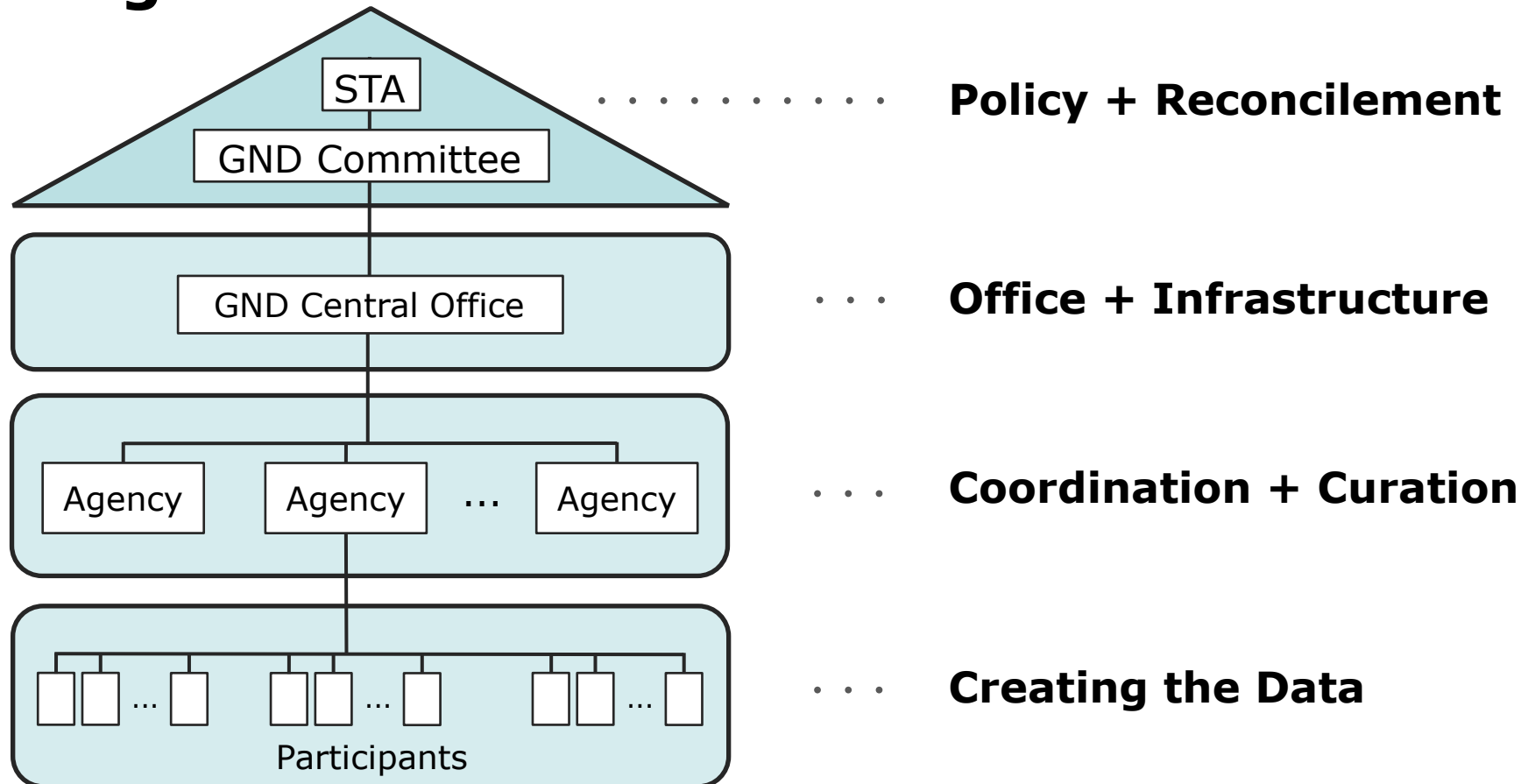
Jana Hentschke

The Integrated Authority File (GND) and Linked Data

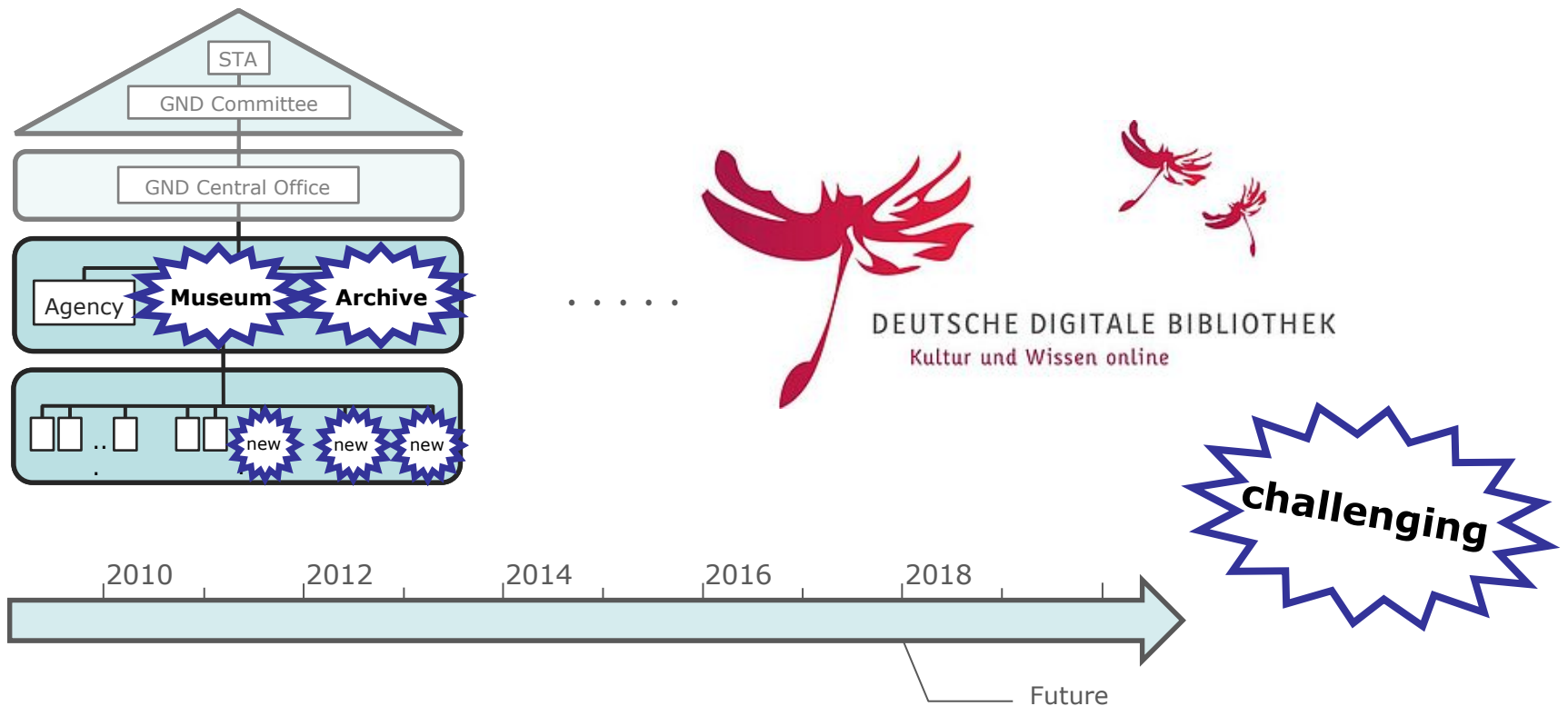
The Integrated Authority File = Gemeinsame Normdatei (GND)



Organisation



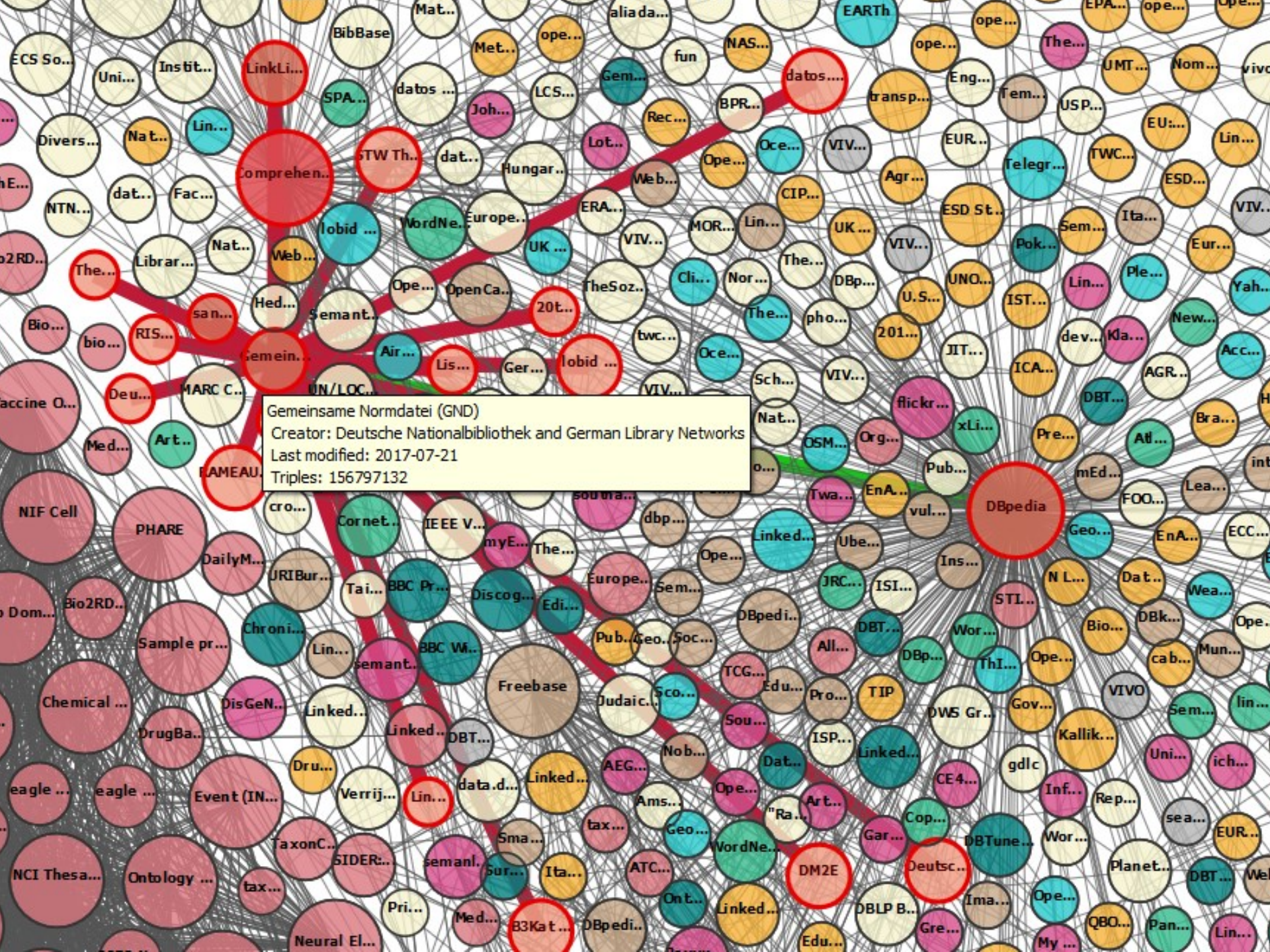
Opening up to Museums and Archives



Linked Data Service

Persistent and dereferencable URIs: **<http://d-nb.info/>**

- Identification:
 - <http://d-nb.info/gnd/1019664061> (Person entity)
 - <http://d-nb.info/gnd/1019664061/about> (Description)
 - <http://d-nb.info/gnd/1019664061/about/lds> (RDF Description)
- Content negotiation



RDF Profiles + Figures

Integrated Authority File (GND)

Profiles

- GND Ontology
- Entity Facts

June 2017:

157 Mio Triples

14 Mio Entities

Ø 11,2 Triples per Entity

GND Ontology

- Custom-made RDF element set
- New elements introduced as source advance
- Alignments to other well established element sets

Albert Camus

@prefix owl: <<http://www.w3.org/2002/07/owl#>> .

@prefix gndo: <<http://d-nb.info/standards/elementset/gnd#>> .

@prefix xsd: <<http://www.w3.org/2001/XMLSchema#>> .

<<http://d-nb.info/gnd/118518739>>

a <<http://d-nb.info/standards/elementset/gnd#DifferentiatedPerson>> ;

owl:sameAs <http://dbpedia.org/resource/Albert_Camus>, <<http://viaf.org/viaf/97000332>>

gndo:preferredNameForThePerson "Camus, Albert" ;

gndo:geographicAreaCode <<http://d-nb.info/standards/vocab/gnd/geographic-area-code#XA>>

gndo:languageCode <<http://id.loc.gov/vocabulary/iso639-2/fre>> ;

gndo:placeOfActivity <<http://d-nb.info/gnd/4044660-8>> ;

gndo:placeOfDeath <<http://d-nb.info/gnd/7654422-9>> ;

gndo:gender <<http://d-nb.info/standards/vocab/gnd/gender#male>> ;

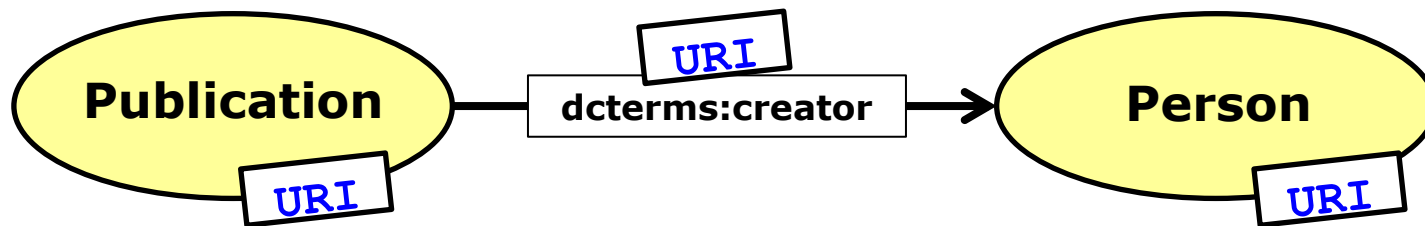
gndo:dateOfBirth "1913-11-07"^^xsd:date ;

gndo:dateOfDeath "1960-01-04"^^xsd:date ;

gndo:familialRelationship <<http://d-nb.info/gnd/140338241>> ;

gndo:acquaintanceshipOrFriendship <<http://d-nb.info/gnd/1070864862>> .

Linking in RDF



**<http://d-nb.info/1125388994>
dcterms:creator <http://d-nb.info/gnd/118518739> .**

Linking in RDF

@prefix bf: <http://id.loc.gov/ontologies/bibframe/> .

<http://d-nb.info/1125388994>

bf:contribution [

a bf:Contribution ;

bf:role <http://id.loc.gov/vocabulary/relators/aut> ;

bf:agent <http://d-nb.info/gnd/118518739>

].

Thanks! + Links

<http://www.dnb.de/EN/gnd>

<http://www.dnb.de/EN/lds>

<http://www.dnb.de/EN/bibframe>

<http://www.dnb.de/EN/entityfacts>