



Using authority files accross domains:

Introduction to a planned collaboration between Deutsche Nationalbibliothek (DNB) and Deutsches Filminstitut – DIF on using Linked Data technology for access to person records

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Planned project: Deutsches Filminstitut (DIF) and Deutsche Nationalbibliothek (DNB)

- Pilot project to use authority files across domains in Germany (expected start: Oct 11, runtime: 2 years)
- DIF and DNB submitted proposal to Deutsche
 Forschungsgesellschaft (DFG), research objective: "Scientific
 Library Service and Information Systems (LIS)"
- Challenge: Film archives cannot join the cataloguing cooperation for person authority files of the German libraries (no common format, cataloguing practices, technical infrastructure)
- A new co-operation model: using Linked Open Data technology for access to person records



Planned project DIF and DNB: Initial situation



filmportal.de

- Free online access to German National Filmography since 2005
- Persons displayed with filmographies, biographies and digital film archival material
- 172.000 person records (in Oct. 11), 500 new person records each month
- OAI-PMH interface: EAC-CPF as exchange format
- Data model: subject predicate object triples



dnb.de (GND)

- Persons of the German National Authority File (GND)
 displayed with holding information of the German Library
- Person Authority File (PND) exists since 1995
- GND has 4 million person records altogether
- Access to film-related works of literature (e.g. film adaptations)
- Less information on persons active in the film domain
- Person records as Linked Open Data (rdf xml format)



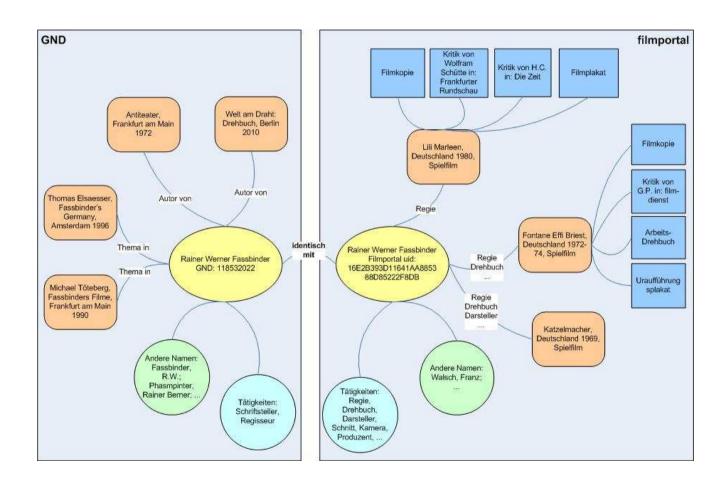
Planned project DIF and DNB: Aims

- Introduce GND in the film sector as common reference for person authority files (match&merge, using common GND ID for persons)
- Offering integrated access to holdings of DNB and DIF via film-related persons (works of literature, biographies and further film-related material) from two portals → person information and related works will be displayed in a common result page
- Using joint person vocabulary in other cross-domain portals (e.g. Europeana, Deutsche Digitale Bibliothek, Deutsche Biographie)
- Co-operation model as best practice for future authority file cooperations of the DNB with other archives



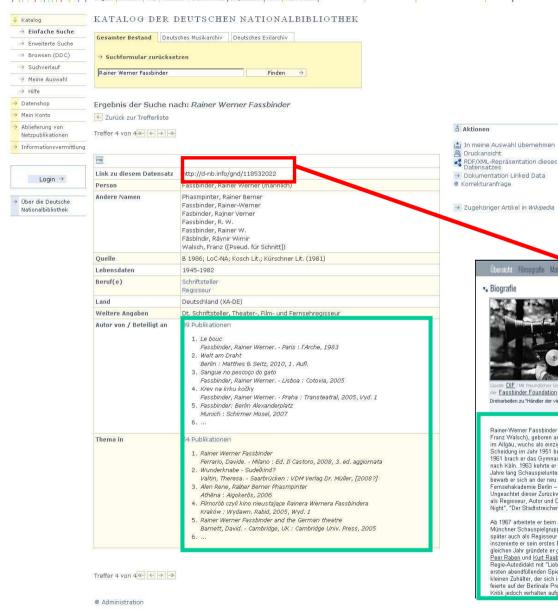
Co-operation model:

Integrate person information from distributed sources with Linked Open Data technology





English Kontakt A-Z Förderer Datenschutz Impressum Hilfe Mein Konto



Example: Information that can be found via joint person records (core set of these data will be shown in common result page)



Version 1.5.2.1 | Seitenanfang





Work Package Overview

- > WP 1: Data analysis
- > WP 2: Transform person data from filmportal.de into RDF
- ➤ WP 3: Conception of match&merge procedure and requirements for software to identify unique persons (candidates: APPER tool, EFG Authority File Manager)
- > WP 4: Perform match&merge and data integration
- > WP 5: Implementation of the update interface
- > WP 6: Realize search over distributed sources
- > WP 7: Implementation of the integrated result display
- > WP 8: Documentation and dissemination



Thank you!

