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# Reimagining Alma Authorities

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# Agenda



Managing authorities in Alma today

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Some recent enhancements you might have missed

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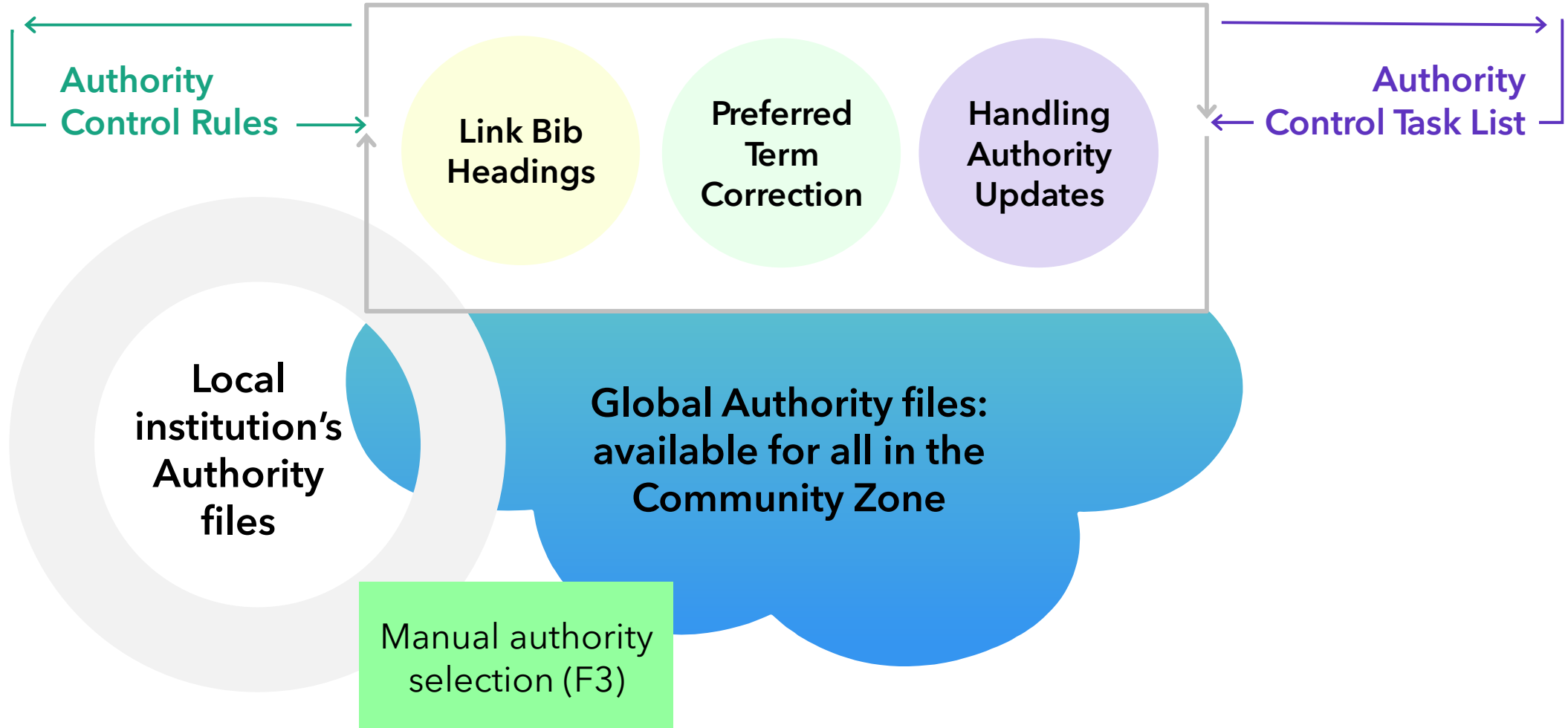
The Alma Authorities Focus Group: trusted partners and advisers

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Reimagining Alma Authorities: our roadmap plans

# Managing Authorities in Alma Today



## Some Recent Enhancements You Might Have Missed

- Stronger search capabilities, with more support for “not equals” and “not contains” search parameters
- Searching authorities using Other Standard Identifier in field 024
- New ability to browse authority vocabularies, including both preferred and non-preferred terms
- More flexible scheduling options for importing and publishing local authority records
- Authorities control using F3 for 702 field in UNIMARC & CNMARC
- Enable cataloger to mark a bib heading to be excluded from automatic linking processes (\$\$9 no\_linkage)

# Browse Authority Headings

**Browse Authority Headings**

Family: MARC21 | Vocabulary: Library of Congress name | Heading Type: Names | Search Value: Pratchett, Terence | Source Code: Personal Name | **Browse**

**Authority Records Headings**

- ★ Pratchett, Rhianna [View]
- Pratchett, Richard Maurice, 1915-1967 [View]
- Pratchett, Terence David John, 1948-2015 [View]
- Pratchett, Terens Dévid Dzhan, 1948-2015 [View]
- Pratchett, Terri, 1948-2015 [View]
- ★ Pratchett, Terry [View]
- ★ Pratchett, Terry. Amazing Maurice and his educated rodents. Chinese [View]
- ★ Pratchett, Terry. Amazing Maurice and his educated rodents. Spanish [View]
- Pratchett, Terry. Asombroso Mauricio y sus roedores sabios [View]
- Pratchett, Terry. Atlético invisible [View]
- ★ Pratchett, Terry. Aventuras de Tiffany Dolorido [View]
- Pratchett, Terry. Bezumnala zvezda [View]
- Pratchett, Terry. Blink of the screen [View]
- ★ Pratchett, Terry. Book of the nomes [View]
- ★ Pratchett, Terry. Book of the nomes. Spoken word [View]
- ★ Pratchett, Terry. Bromeliad trilogy [View]
- Pratchett, Terry. Brujerías [View]

**Pratchett, Terence David John, 1948-2015**

Authority (98148990730000041) | **Bibliographic Records(4)** | Copy

LDR 05626cz##a2200721n##4500

001 98148990730000041

005 20230710163923.0

008 811102n|azannaabn#####|b#aaa#####

010 \$\$a n 81047837

035 \$\$a (OCoLC)oca00593391

035 \$\$a (DLC)n 81047837

040 \$\$a DLC \$\$b eng \$\$e rda \$\$c DLC \$\$d DLC \$\$d OCoLC \$\$d DLC \$\$d OCoLC \$\$d DLC \$\$d UPB \$\$d DLC \$\$d UPB \$\$d NNC \$\$d WaU \$\$d Uk \$\$d UPB \$\$d WaU \$\$d WU \$\$d DLC

046 \$\$f 1948-04-28 \$\$g 2015-03-12 \$\$2 edtf

053 0 \$\$a PR6066.R34

100 1 \$\$a Pratchett, Terry [View]

368 \$\$d Sir

368 \$\$c English \$\$c Britons \$\$2 lcgft

370 \$\$a Beaconsfield (England) \$\$b Broad Chalke (England) \$\$c England \$\$c Great Britain \$\$e Salisbury (England) \$\$2 naf

372 \$\$a Fantasy fiction \$\$a Science fiction \$\$a Humorous fiction \$\$a Novels \$\$2 lcgft

374 \$\$a Authors, English \$\$2 lch

377 \$\$a eng

378 \$\$q Terence David John

400 1 \$\$a Pratchett, Terence David John, \$\$d 1948-2015 [View]

400 1 \$\$a Пратчетт, Терри, \$\$d 1948-2015

400 1 \$\$a Pratchett, Terri, \$\$d 1948-2015

400 1 1948-2015 d\$\$ טרי, פראצ'ט, a\$\$

400 1 \$\$a Prats'eṭ, Teri, \$\$d 1948-2015

400 1 \$\$a Пратчэт, Тэры, \$\$d 1948-2015

# The Alma Authorities Focus Group

- Current chair: Liz Bodian, Brandeis University
- Direct communication channel between the Alma product team and the Authority expert community
- Helping us listen to the community: advising, prioritizing and clarifying



**Brandeis**  
UNIVERSITY



# Reimagining Alma Authorities: More Flexible Linking

## The Alma Authority Focus Group Top 3 Requests

1

### Respect MARC Subfield Coding

Limit linking only to authorities with matching subfields (and not just content)

2

### Partial Linking of Name/ Title Headings

If no matching name/title authority exists, partially link to name authority

3

### Flexible Partial Linking of Subdivided Subject Headings

Allow matching on some subdivisions and not all



# Reimagining Alma Authorities: Main Challenges



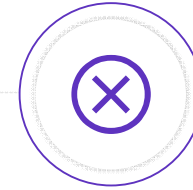
## Support a Varied Community

Supporting varied libraries with varied needs working in multiple languages using multiple authority vocabularies



## Maintain Linking Quality

Radically changing linking abilities without hurting existing workflows and capabilities



## Avoid False Matches

How to offer more flexibility without disregarding critical matching data causing false matches



## Detailed Requirements

Which subfields can be removed without increasing false matches? How? Even for music cataloging?

# The Alma Authorities Focus Group to the Rescue!

- Varied perspectives from authority experts around the world
- Advising and consulting when community perspective and expertise are required
- Providing detailed requirements accumulating needs and uses from various libraries
- Giving valued feedback on our plans and designs
- Testing new features



# Reimagining Alma Authorities: Our Vision

## 2024 H1 Roadmap

Develop top request (respect MARC subfield coding) using the new infrastructure, as a proof of concept. Make behavior configurable.

## 2024 H2 Roadmap

Work to support partial name/title authorities linking using new infrastructure.



## Infrastructure

New infrastructure that will support more complex matching calculations and processes.

## 2024 H1-H2 Roadmap

Learn and grow from proof of concept, to improve infrastructure as needed.

## Future Roadmap

Tackle the third and most complex request - Flexible partial linking for subdivisions.



## Reimagining Alma Authorities: More Roadmap Plans



Support for limiting linking if diacritics don't match, for a selected vocabulary and/or language

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Support linking a bib heading to an authority with mismatching 4XX and 1XX, when bib matches 4XX (e.g. link field 110 to authority record containing 130 and matching 410 fields)

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Browsing UX improvement: remember my vocabulary and source code selections per heading type

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Enhancing subject authorities search to allow searching using content from subdivisions

# Looking to the Future: Linked Open Data Entities

- Linked open data offers many opportunities in entity management:
  - Integrating with large databases online
  - Accurate, URI (identifier) based linking to an entity
  - Displaying diverse information from multiple systems to our users

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- Linked open data also offers unique challenges in entity management:
  - Information is spread across systems
  - A record may not even contain any human-readable creator/subject information, just a URI
  - Preferred and non-preferred terms, as well as other data, may exist only remotely
  - How can remote information be used efficiently in searching and cataloging?

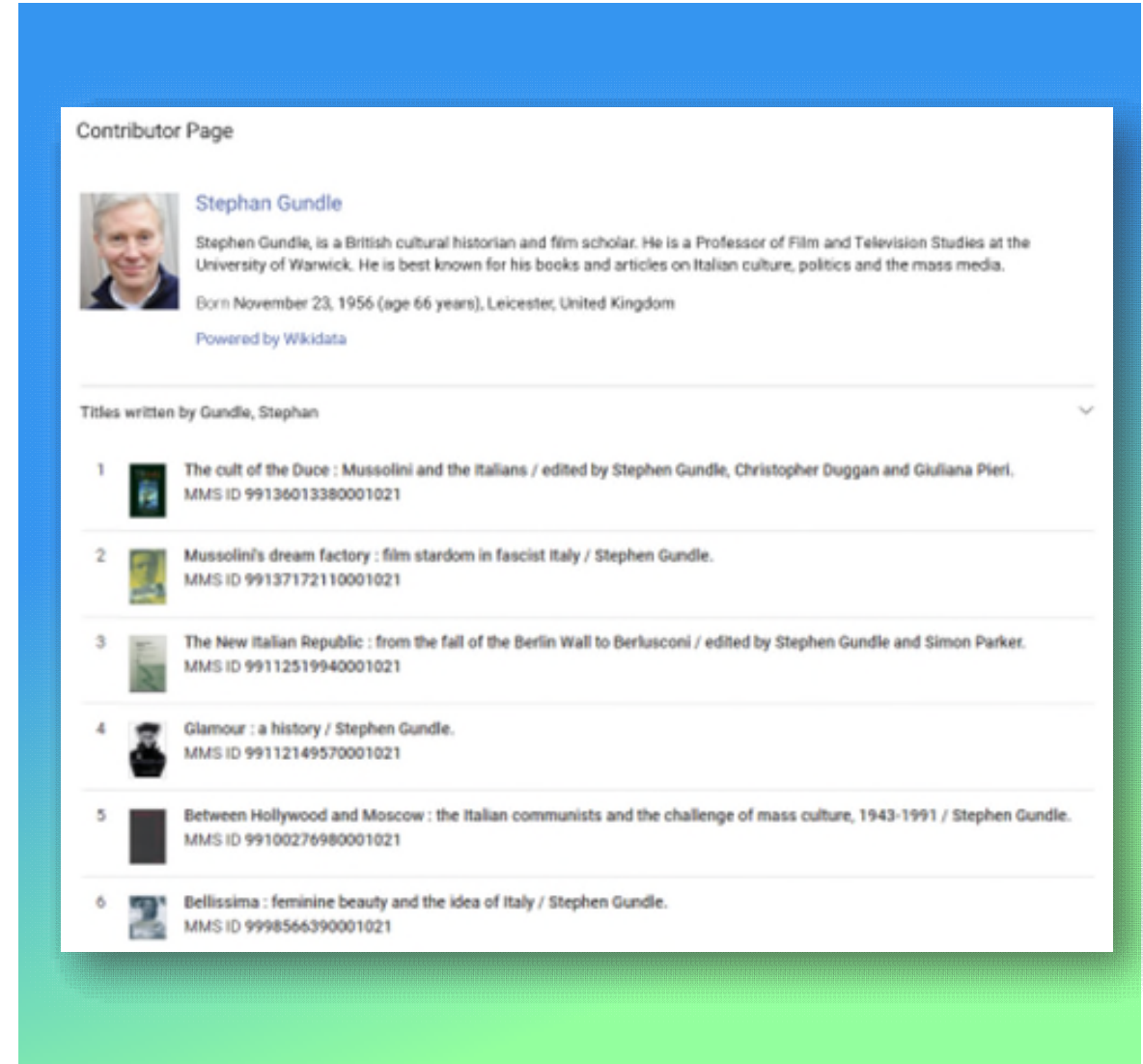
# Looking to the Future: Our Vision

- Side-by-side management of LOD and previous formats, harnessing the capabilities of both
- Enrich and enhance MARC capabilities using LOD elements:
  - Populate MARC records with URIs from various sources
  - Auto-generated URIs based on authority information, that can be used in integrations and discovery
  - Accurate, URI (identifier) based linking to authority records
- Enrich LOD records with existing MARC knowledge repositories:
  - Identify relevant Alma authorities for BIBFRAME records based on URI
  - Enhance the record index with elements such as non-preferred terms, supporting search and discovery

# Looking to the Future: Dream Big!







○ Continue working with our trusted partners in the Linked Open Data Community of Practice, Linked Open Data Focus Group, and Alma Authorities Focus Group

○ Strive towards seamless LOD workflows using entity management in our higher-education platform



The screenshot displays a Wikidata Contributor Page for Stephan Gundle. At the top, it says "Contributor Page". Below this is a profile picture of Stephan Gundle, followed by his name "Stephan Gundle" and a brief biography: "Stephan Gundle, is a British cultural historian and film scholar. He is a Professor of Film and Television Studies at the University of Warwick. He is best known for his books and articles on Italian culture, politics and the mass media." His birth date is listed as "Born November 23, 1956 (age 66 years), Leicester, United Kingdom". Below the biography, it says "Powered by Wikidata".

Underneath the profile information, there is a section titled "Titles written by Gundle, Stephan" with a dropdown arrow. This section lists six titles:

- 1  **The cult of the Duce : Mussolini and the Italians / edited by Stephen Gundle, Christopher Duggan and Giuliana Pieri.**  
MMS ID 99136013380001021
- 2  **Mussolini's dream factory : film stardom in fascist Italy / Stephen Gundle.**  
MMS ID 99137172110001021
- 3  **The New Italian Republic : from the fall of the Berlin Wall to Berlusconi / edited by Stephen Gundle and Simon Parker.**  
MMS ID 99112519940001021
- 4  **Glamour : a history / Stephen Gundle.**  
MMS ID 99112149570001021
- 5  **Between Hollywood and Moscow : the Italian communists and the challenge of mass culture, 1943-1991 / Stephen Gundle.**  
MMS ID 99100276980001021
- 6  **Bellissima : feminine beauty and the idea of Italy / Stephen Gundle.**  
MMS ID 9998566390001021

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**Thank You!**

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