RLG

Authority Conflict-Checking in RLIN21

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Authorities in RLIN21

- Part of RLG Migration to DB2 and RLIN21
- Implemented May 2005
- RLIN21 Web Searching-Authority files now available in an RLG Web interface
- RLIN21 Client Searching, Input/Update

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Authorities in RLIN21

Retained Search/Display Features

- Based on user feedback, decided to retain ability to see deleted and superseded versions of authority records in both LC/NACO and LC/SACO files
- Conflict checking and conflict reports to the Library of Congress being reimplemented (see below)

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Authorities in RLIN21

New Search/Display Features

- Browse or record display from Heading browse display
- Explicit see, see also, narrower term
- New Indexes

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Authorities in RLIN21

LC/NACO Heading Browse Display

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Authorities in RLIN21

Current record showing current form of name

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Authorities in RLIN21
Superseded record showing changed form of name

Authorities in RLIN21
Superseded record with earlier form of name

Authorities in RLIN21
Portion of LC/SACO Browse showing See:, See also:, and Narrower term:

Authorities in RLIN21

LC/NACO Authority Home Page Searches

Authorities in RLIN21

LC/NACO Authority File Indexes

Headings

➤ **Heading phrase (also browsable)**

➤ **Heading word NEW**

➤ **Pending Heading phrase (also browsable-NEW)**

➤ **Pending Heading word NEW**

Authorities in RLIN21

LC/NACO Authority File Indexes

Names

➤ **Fuller personal name (includes dates)**

➤ **Fuller personal name word NEW**

➤ **Corporate/conference phrase**

➤ **Corporate/conference word**

Authorities in RLIN21

LC/NACO Authority File Indexes

Titles
➢ **Title word**
➢ **Title phrase**
Subjects
➢ **Subject phrase**
➢ **Subject subdivision**

Authorities in RLIN21

LC/NACO Authority File Indexes

Standard numbers, etc.
➢ **LC and Dewey classification**
➢ **ISBN**
➢ **ISSN**
➢ **LCCN (includes cancelled LCCNs)**
➢ **Record ID**

Authorities in RLIN21

LC/SACO Authority Home Page Searches

RLG's RLIN21™ **LC/SACO Authority**   Preferences Database Help Feedback Exit

◉ Heading Phrase ○ Subdivision ○ Personal Name ○ Corporate ○ Title ○ Record ID
○ LCCN | ○ Command Line
[   ] [Search] [Clear]

Authorities in RLIN21

LC/SACO Authority File Indexes

Headings (no separate subject heading indexes)
➢ **Heading phrase (also browsable)**
➢ **Heading word NEW**

Authorities in RLIN21

LC/SACO Authority File Indexes

Names
➢ **Fuller personal name (includes dates)**
➢ **Fuller personal name word NEW**
➢ **Corporate/conference phrase**
➢ **Corporate/conference word**

Authorities in RLIN21

LC/SACO Authority File Indexes

Titles
➢ **Title word**
➢ **Title phrase**
Subjects (see Heading phrase/Heading word)
➢ **Subject subdivision**
➢ **Form/genre**

Authorities in RLIN21

LC/SACO Authority File Indexes

Standard numbers, etc.

➢ **LC and Dewey classification**

➢ **LCCN (includes cancelled LCCNs)**

➢ **Record ID**

Authorities in RLIN21

INPUT/UPDATE (1)

➢ **Supplied templates with default values for name and series authority records**

➢ **Templates can be customized by users and saved**

➢ **Content-designation validated on request or automatically on enter**

➢ **Help (F1) for all tags, indicator subfields, fixed field values**

Authorities in RLIN21

INPUT/UPDATE (2)

➢ **Validation includes edits and error messages for various intra-record conditions, e.g.,**

If <f64X> present, THEN<f008><p016> must be a.

(If one of the series treatment fields is present, then the Heading use - series added entry must be coded "appropriate")

Authorities in RLIN21

GENERATING AUTHORITY RECORDS FROM BIBLIOGRAPHIC RECORDS

➢ **Any authorized NACO user can generate an authority record with default values supplied from a bibliographic record in the RLG Union Catalog, ESTC, or SCIPIO**

➢ **With proper set-up, NACO user can also retrieve bibliographic record from own local system to use as source for authority record**

Authorities in RLIN21

GENERATING AN AUTHORITY RECORD

1. **Retrieve and display MARC version of desired bibliographic record (from local system, use record ID search)**

Authorities in RLIN21

GENERATING AN AUTHORITY RECORD

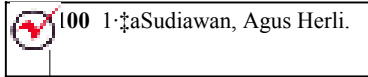Retrieved source bibliographic record

Generate authority record icon

Authorities in RLIN21
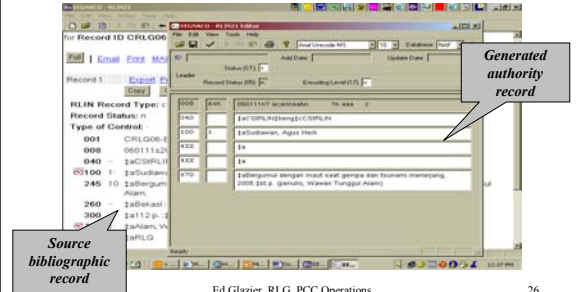
GENERATING AN AUTHORITY RECORD
Any field that is preceded by the "generate authority record icon" is eligible for automated authority record creation. (Does not indicate whether or not an authority record already exists.)

2. Click icon to generate authority record:

> **100** 1·‡aSudiawan, Agus Herli.

Authorities in RLIN21

3. Generated authority record, ready for validation and entry

Generated authority record

Source bibliographic record

Authorities in RLIN21

CONFLICT CHECKING

➢ **Previously available in RLIN TERMINAL FOR WINDOWS™**

➢ **Needed to be redeveloped for the new environment**

Authorities in RLIN21

CONFLICT CHECKING
Conflicts are created:

1. **When existing heading and incoming heading normalize to the same form using PCC normalization rules**

2. **Normalized headings compared based on Authority File Comparison Rules**

http://www.loc.gov/catdir/pcc/naco/normrule.html

Authorities in RLIN21

Existing tag group	Incoming tag group	Type of conflict
1XX	1XX	**Duplicate**
1XX OR 5XX	4XX	**Hdg/Ref**
4XX	1XX or 5XX	**Hdg/Ref**
1XX	5XX	**Form (display form)**
5XX	1XX or 5XX	**Form (display form**
4XX	4XX	**No conflict**

Authorities in RLIN21

DUPLICATES

For duplicate headings, there are two records where the 1XXs normalize to the same form; they may or may not have the same tag suffix,
e.g.

Authorities in RLIN21

Albania
 Albania   **Browse** **Duplicate**
See also earlier heading: **Qeverija Demokratike e**
 Shqiperise   **Browse**

 010··‡an 98005416
 130·0‡aAlbania

 010··‡an 83221467 ‡zsh 85003177
 151··‡aAlbania

Authorities in RLIN21

 Andrews, Kay
  Andrews, Kay.   **Browse** **Duplicate**

 010··‡anr 92006176
 10010‡aAndrews, Kay

 010··‡an 85037088
 10010‡aAndrews, Kay.

Authorities in RLIN21

HEADING/REFERENCE CONFLICT

**In a Heading/Reference conflict, a 4XX string
 normalizes to the same form as a 1XX or a
 5XX string in the same or a different
 authority record.**

Authorities in RLIN21

Yang, Shizhao
  See: **Yang, Shizhao, 1950-** **Browse** **Hdg/Ref Conflict**

 010··‡an 97122690
 1001·‡aYang, Shizhao

 010··‡an 80040083
 1001·‡aYang, Shizhao,‡d1950-
 4001·‡wnne‡aYang, Shih-chao,‡d1950-
 4001·‡aYang, Shizhao

Authorities in RLIN21

FORM CONFLICT

**In a form conflict, the headings normalize to the
 same form, but the display form (which
 includes diacritics, spacing, most tag suffixes
 [i.e., X10 vs. X11 vs. X30], and first indicator,
 differ.**

Authorities in RLIN21

Ramon, Juan   Linked heading is 1XX
 Ramón, Juan *See also:* **Ramon, Joan** **Browse** **Form differs**

                       See also reference (5XX)
 010··‡an 2005002353040   shows variant form
 1001·‡a Ramon, Juan

 010··‡an 2002035373‡zn 84158920
 1001·‡aRamon, Joan
 4001·‡aRamón, J.‡q(Juan)
 5001·‡a Ramón, Juan

Authorities in RLIN21

Rare Earth Research Conference.
 Rare Earth Research Conference *See also earlier*
  heading: **Conference on Rare Earth**
  Research.   **Browse Form differs**

010··‡an 80027718 ‡zn 80002504
11120‡aRare Earth Research Conference.

010··‡an 80026796
11120‡aConference on Rare Earth Research.
41120‡aRare Earth Research, Conference on
51010‡wb‡aRare Earth Research Conference

Authorities in RLIN21

**Conflict marking of both LC/NACO and
 LC/SACO authority files, followed by daily
 conflict checking as each new distribution file
 is loaded (weekly for LC/SACO)**