

BIBFRAME Workshop in Europe • 21 September 2022

BIBFRAME Data at OCLC

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COMMUNITY ENGAGEMENT

LD Summit

- OCLC, Library of Congress, Casalini, Stanford

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- 3-day summit discussing linked data topics
 - Synchronization
 - Data exchange
 - BIBFRAME versions

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 - Use cases
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LD Summit

- OCLC, Library of Congress, Casalini, Stanford + PCC
- 3-day summit discussing linked data topics
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- Outcome = two working groups
 - Use cases -> *work completed in February*
 - Data exchange -> *in process, working on exchange shape & validation*

LD Summit

- Use cases (a selection)
 - An institution using both MARC and BIBFRAME
 - A cataloger describes a new item in a linked data editor
 - One node updates its data and distributes the updates to other nodes
- Data exchange
 - Use existing linked data technologies
 - Agree upon classes and properties for an interchange shape
 - Investigate interoperability with the community-at-large

CONSER cataloging

- Cooperative Serials Program (CONSER) of the Program for Cooperative Cataloging (PCC)
- OCLC maintains the records created, edited, and authenticated by CONSER members in WorldCat

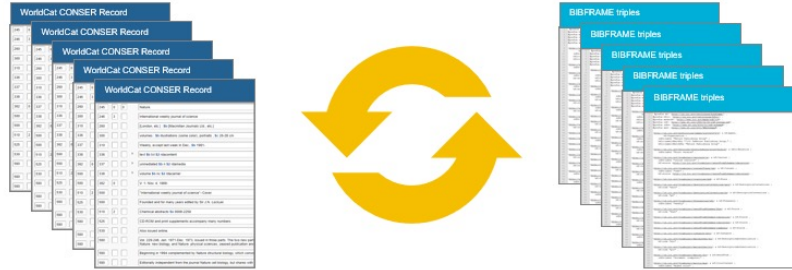
CONSER cataloging

- OCLC, Library of Congress
- Problem space

WorldCat CONSER Record											
245	0										
246	3										
250		245	0								
300		246	3								
310		260		245	0						
336		300		246	3						
337		310		260		245	0				
338		336		300		246	3				
382	0	337		310		260		245	0	0	Nature
500		338		336		300		246	3		International weekly journal of science
500		362	0	337		310		260			[London, etc.] : So Macmillan-Johnson Ltd, etc.]
510	2	500		338		336		300			volumes : So illustrations (some color) : portraits : 9x 29-28 cm
525		500		362	0	337		310			(Weekly, except last week in Dec. : So 1985-
530		510	2	500		338		336			> text to br \$2 rdcontent
580		525		500		362	0	337			> unmediated \$o n \$2 rdmedia
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580		580		525		500		362	0		V. 1- Nov. 4, 1989-
580		530		510	2	500					International weekly journal of science--Cover.
580		580		525		500					Founded and for many years edited by Sir J.N. Lockyer.
580		580		530		510	2				Chemical abstracts \$4 0009-2050
580		580		525		500					CD-ROM and print supplements accompany many numbers.
580		580									Also issued online.
580		580									Iss. 226-246, 261, 1971-Dec. 1973 issued in three parts. The first two are Nature, new biology, and Nature: physical sciences, ceased publication etc.
580		580									Beginning in 1994 complemented by Nature structural biology, which conse
580		580									Editorialy independent from the journal Nature cell biology, but shares with

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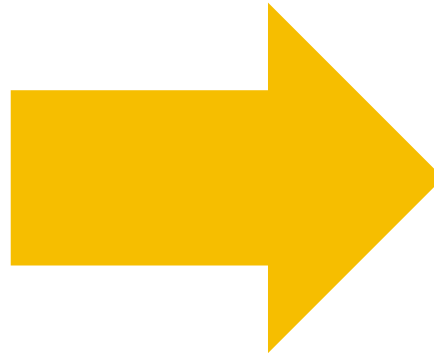
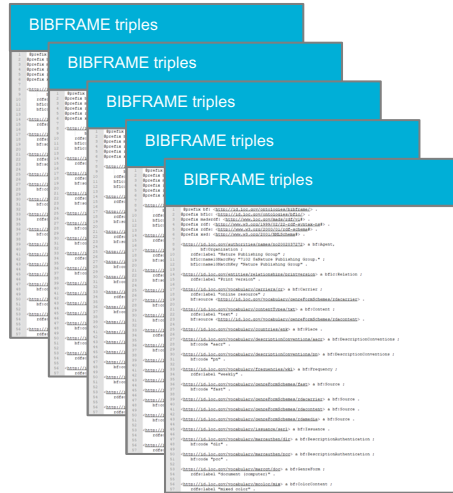


- Next steps
 - OCLC/WorldCat option
 - Discussion with the PCC on CONSER BIBFRAME standards

LINKED DATA IN WORLDCAT

Ingest BIBFRAME

- Targeted for December 2022



WorldCat Entities



- 150+ million entities for works and persons
- Creation of APIs and **OCLC Meridian**, an entity management tool
 - To be released after a development partner phase

oclc.org/linkeddata

BIBFRAME lifecycle in WorldCat



Thank you!

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Kirk Hess

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Because what is known must be shared.®