



NISO Controlled Digital Lending Update

CNI Spring 2024 Membership Meeting
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Recommended Practice Working Group



NISO RP-44-202x

Controlled Digital Lending

*A Recommended Practice of the
National Information Standards Organization*

Available for Public Comment:
March 21 - April 21, 2024

DRAFT FOR PUBLIC COMMENT



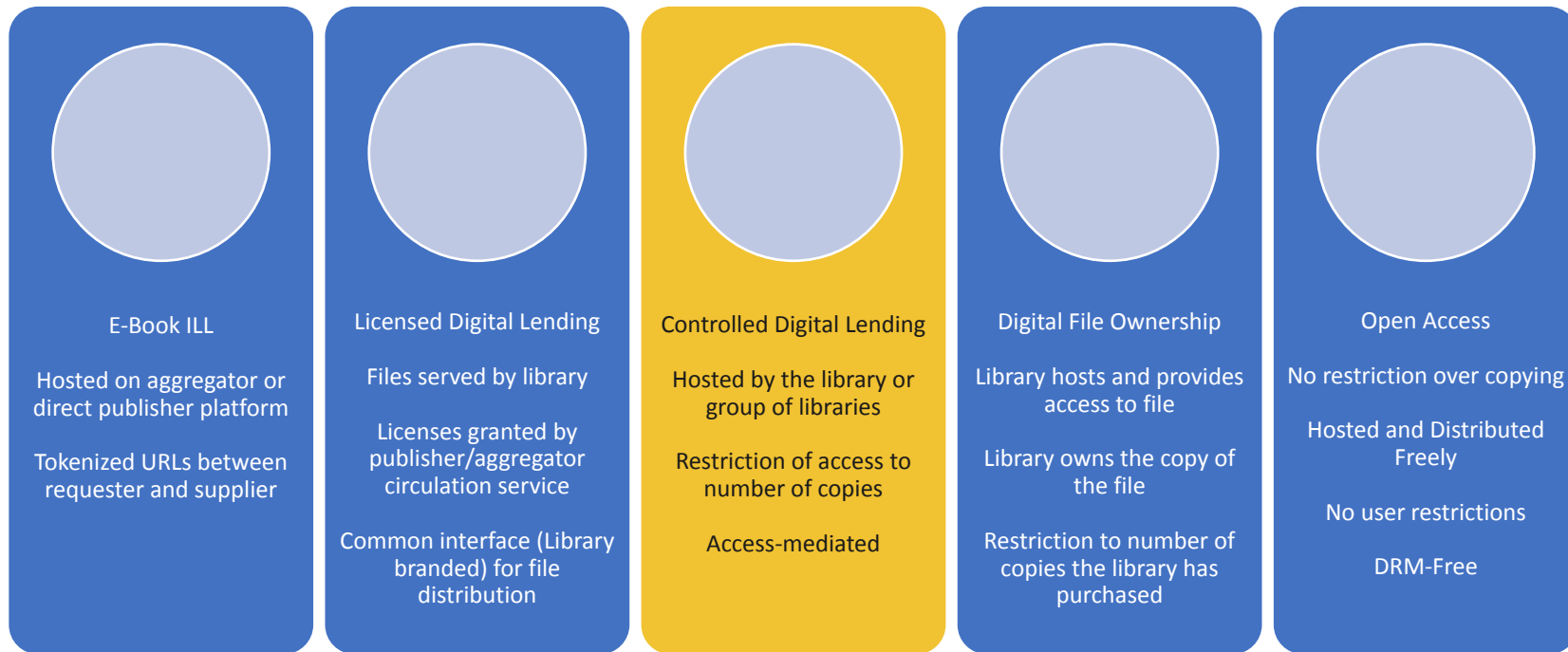
What is controlled digital lending?

Controlled Digital Lending is the activity of library lending where a library loans a digital surrogate **as if it were the print book** that they rightfully acquired.

Properties:

- **Own: Loan** - Library circulates the digital surrogate *as if it were the print item*.
- **Access Restricted** - Only granting access to patrons who should have access to the print work
- **Secure** - Technologically restricts a patron's ability to copy the text - either through copy/paste, printing, or other copying technologies

Continuum of Digital Lending



Vendor

Library

OA

Four Architectural Models for CDL

Local CDL within a Single Institution's Technical Infrastructure and User Base		CDL in a Collaborative or Resource-Sharing Context, Involving CDL between Two or More Libraries	
Model 1. Standalone CDL system (e.g., digital course reserves)	Model 2. Integrated institution-based system (general circulation)	Model 3. Shared CDL infrastructure	Model 4. Distributed or decentralized CDL infrastructure

Each model considers the following functions:

- **User request** - how a user requests access to digitized materials
- **Eligibility check** - how the user and the requested item are evaluated
- **Sequestration or physical item management** - to ensure own-to-loan ratio is maintained
- **Digital file management** - how the library creates, stores, and maintains the digital surrogate
- **Delivery** - how the library “checks out” and provides access to the file
- **Access controls and tracking loan duration** - how circulation is carried out and statistics are gathered

Examples of CDL Systems

Ex Libris Alma Digital	Model 1 (Model 2 on roadmap)	In Production	Alma, Alma-Digital, IIF
Knowledge Imaging Center KIC Scanner	Model 1	In Production	DLSG My Docs Application
File Open	Model 1	In Production	Adobe SDK, standard browsers
Project ReShare	Model 3 (Integrated)	In Production	Web Application, IIF (Hyku), Okapi/Stripes (FOLIO)
CalTech DIBS and Derivatives (BEARS)	Model 1	In Production	Python, ported to Ruby (GitHub repo)
HathiTrust (ETAS)	Model 3 (Non-integrated)	In Production	Web application (implemented with javascript, perl, ruby)

Thanks to the IS-CDL Working Group Members!

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Draft RP available at <https://www.niso.org/standards-committees/is-cdl>