Sinopia & FOLIO: Bridging the gap to linked data cataloging

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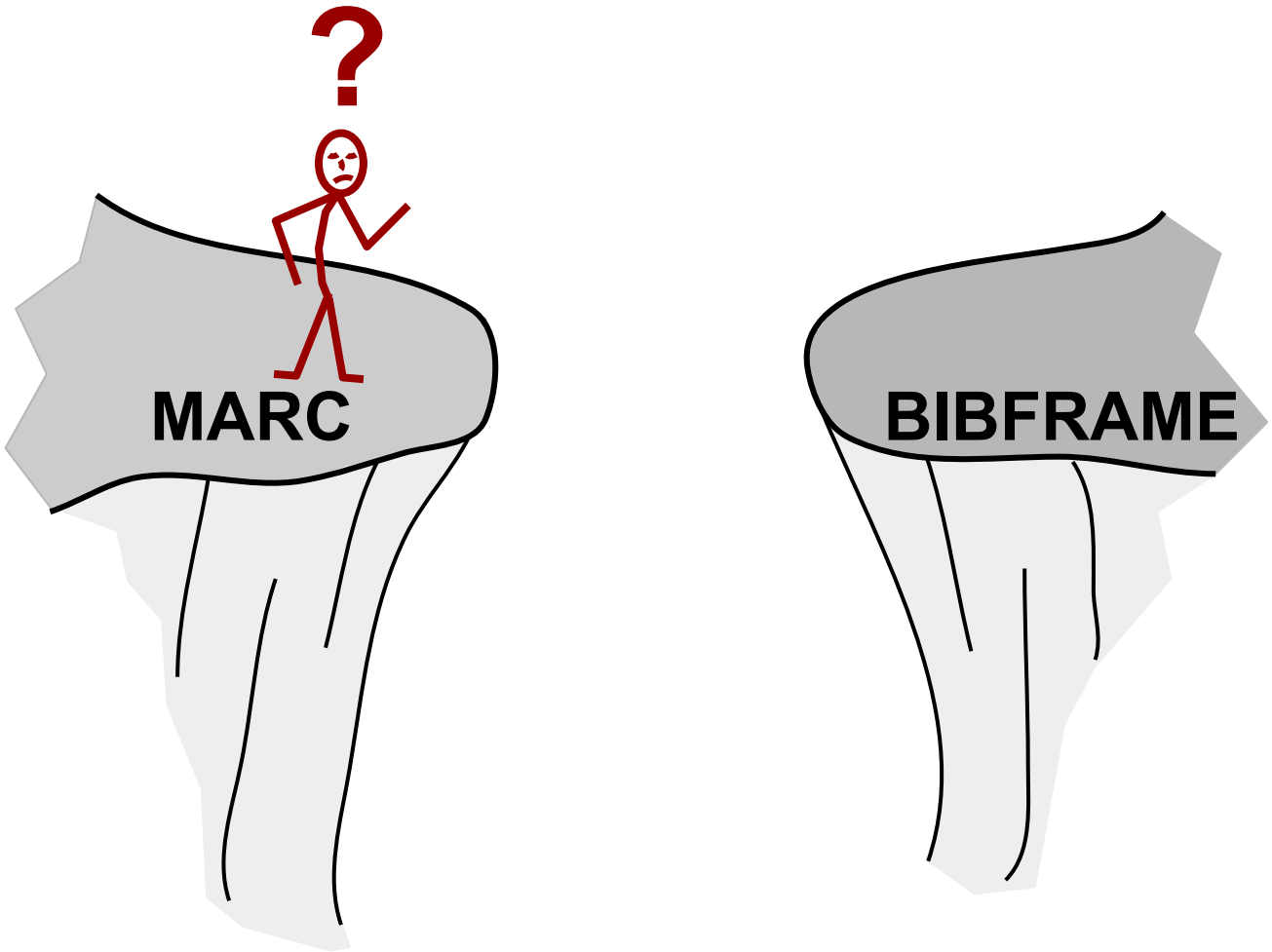
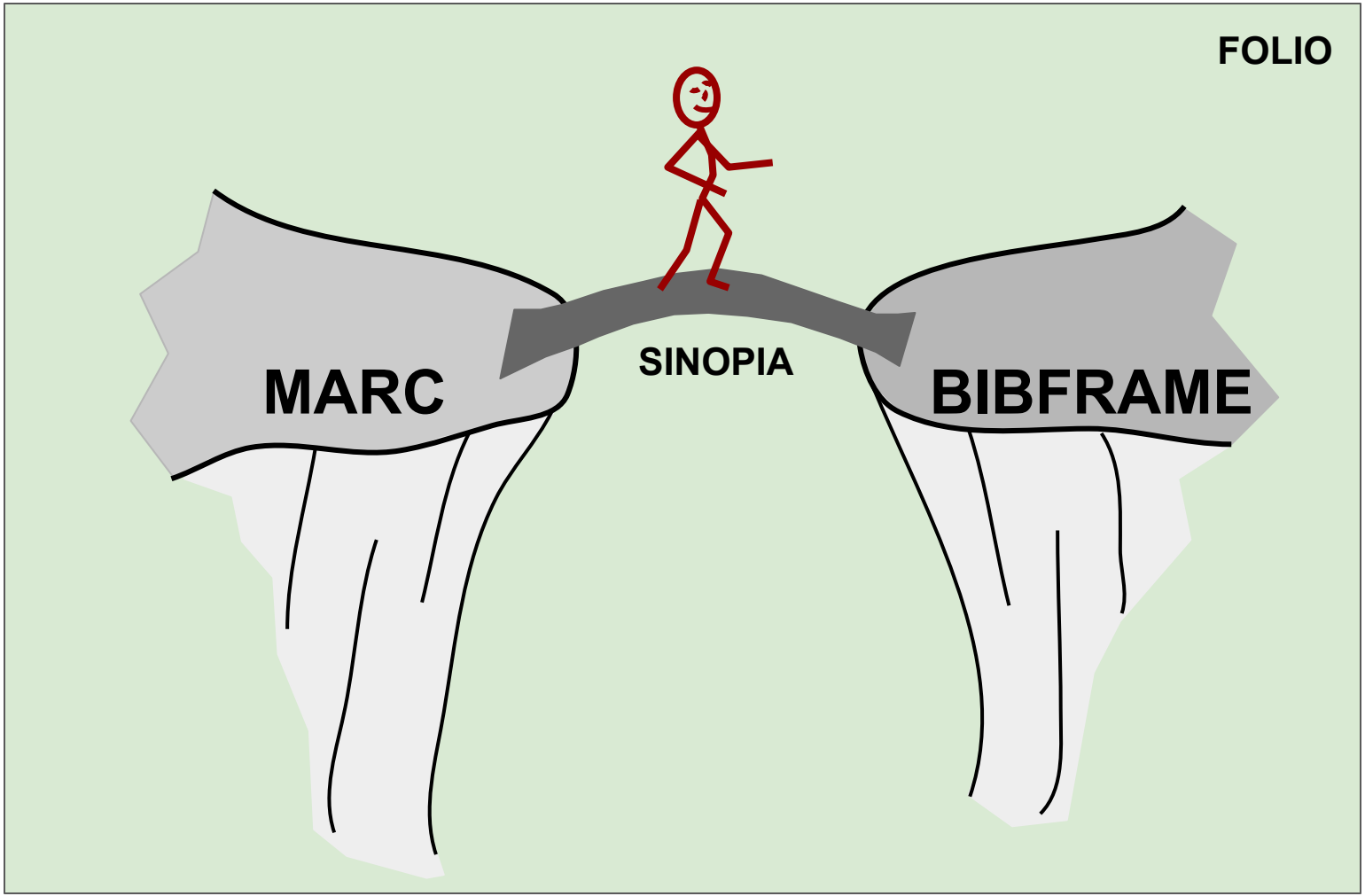
BIBFRAME Workshop in Europe 2021, September 22

LD4P3 | Linked Data for Production: Closing the Loop


?
MARC
BIBFRAME


FOLIO
MARC
SINOPIA
BIBFRAME

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Cornell Vision for Sinopia & FOLIO

- LD4L and LD4P partner
- Work on authority lookup (Questioning Authority) for Sinopia RDF editor
- Work on leveraging linked data to improve discovery

- Long-time partner in FOLIO collaboration
- Live with electronic resource management (ERM) in 2020
- Launched full FOLIO implementation July 2021

FOLIO + Sinopia = Path to maintain a portion of our catalog in BIBFRAME without separate systems or extra operational records. Appealing gradual migration options

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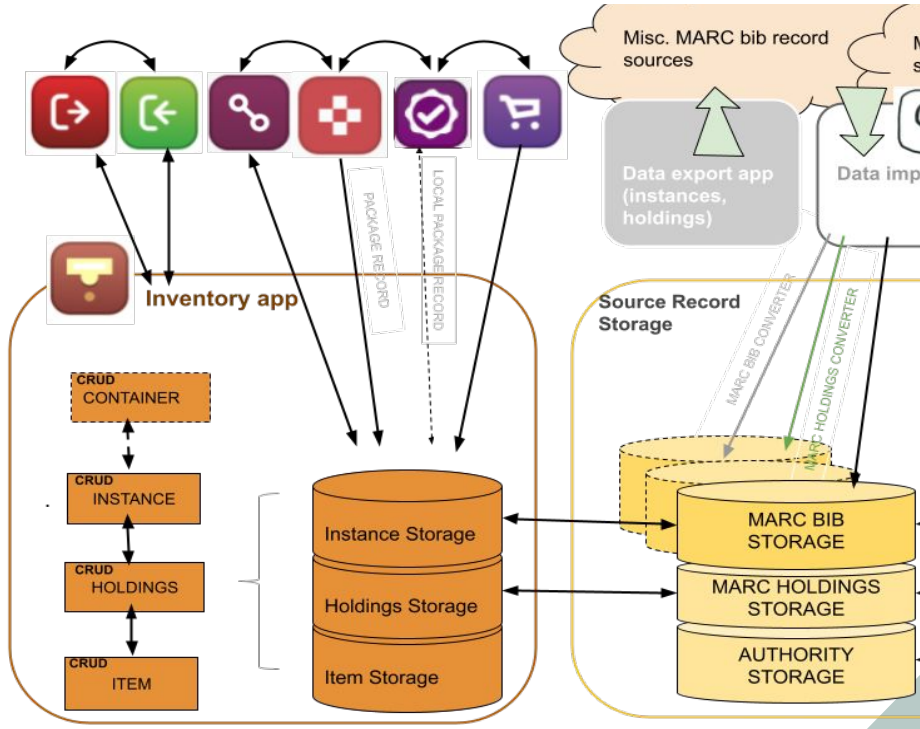
FOLIO - The Future of Libraries is Open

Open-source LSP architecturally ready for multi-format catalogs:

- Key apps interact with Inventory app (Instance, Holdings, Items)
- Inventory kept in sync with Source Record Store
- MARC store implemented
- **Sinopia will provide BIBFRAME store and edit**



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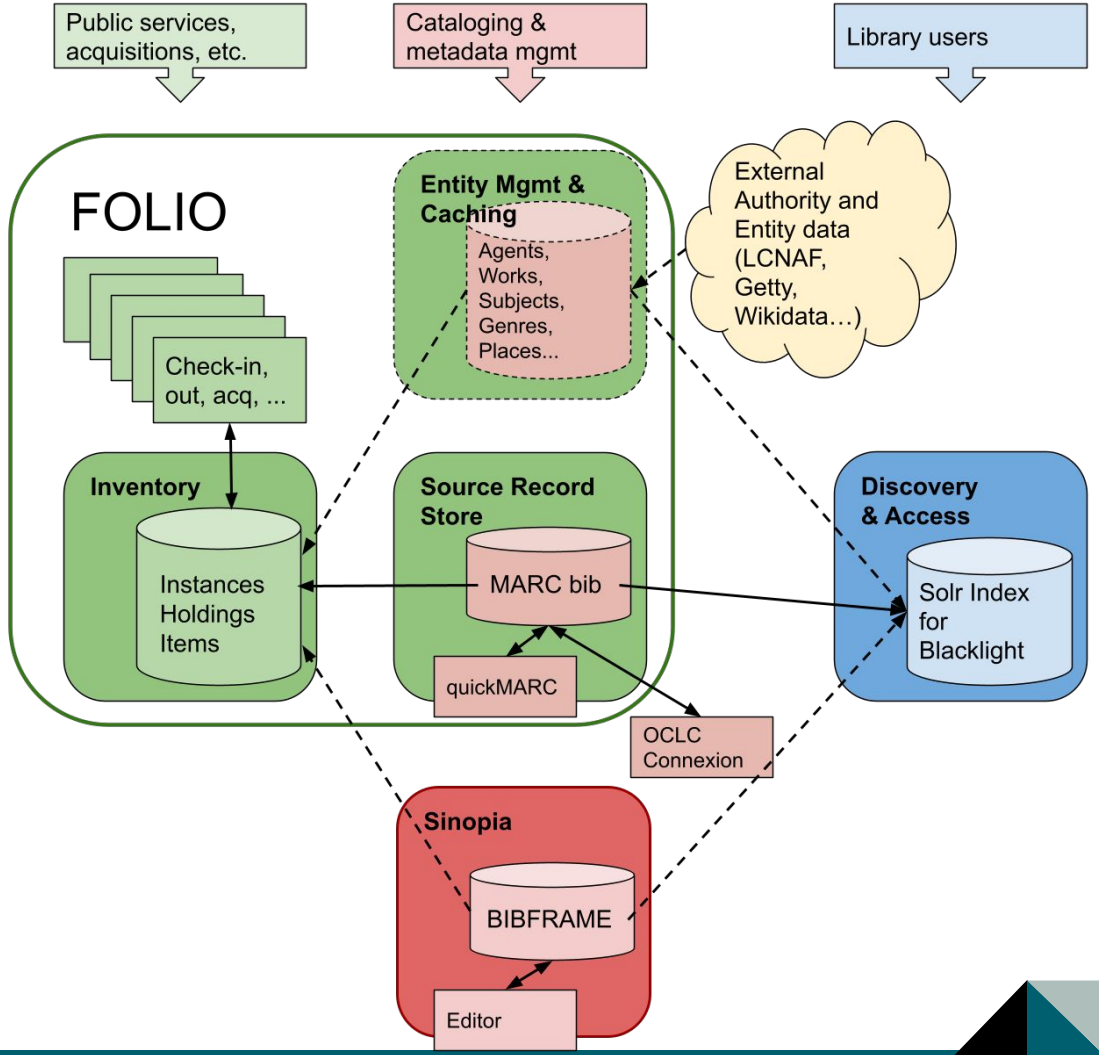
FOLIO with Sinopia, Entity Management, and feeding Discovery



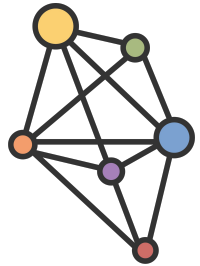
See [FOLIO MM SIG Entities App Vision]

Sinopia Goals

Allow librarians and other metadata creators to:

Get started quickly with creating linked data, without needing tool setup

Explore cooperative cataloging in a linked data environment



Develop best practices related to linked data creation

Contribute feedback and expertise to tool development

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Behind the name

"The **preliminary drawing** for a fresco or mural, named for the reddish-brown pigment traditionally used to draw or transfer it."*

Sinopia is a **sketch of what's possible** on the way to a full-fledged linked data production environment.

*http://www.lynnerutter.com/glossary.php

Image: Attributed to Matteo di Giovanetto ?; attributed to Simone Martini. 1344-45. Palais des Papes, Sinopia. Painting.
http://library.artstor.org/asset/SCALA_ARCHIVES_10310474813

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Who’s using Sinopia?

- About 800 unique users mainly from North America (English UX currently)
- Less than 10% from Europe
- 17 European countries represented: Austria,Belgium, Croatia, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Spain, Sweden, Switzerland, UK

The World Factbook 2021. Washington, DC: Central Intelligence Agency, 2021.https://www.cia.gov/the-world-factbook/

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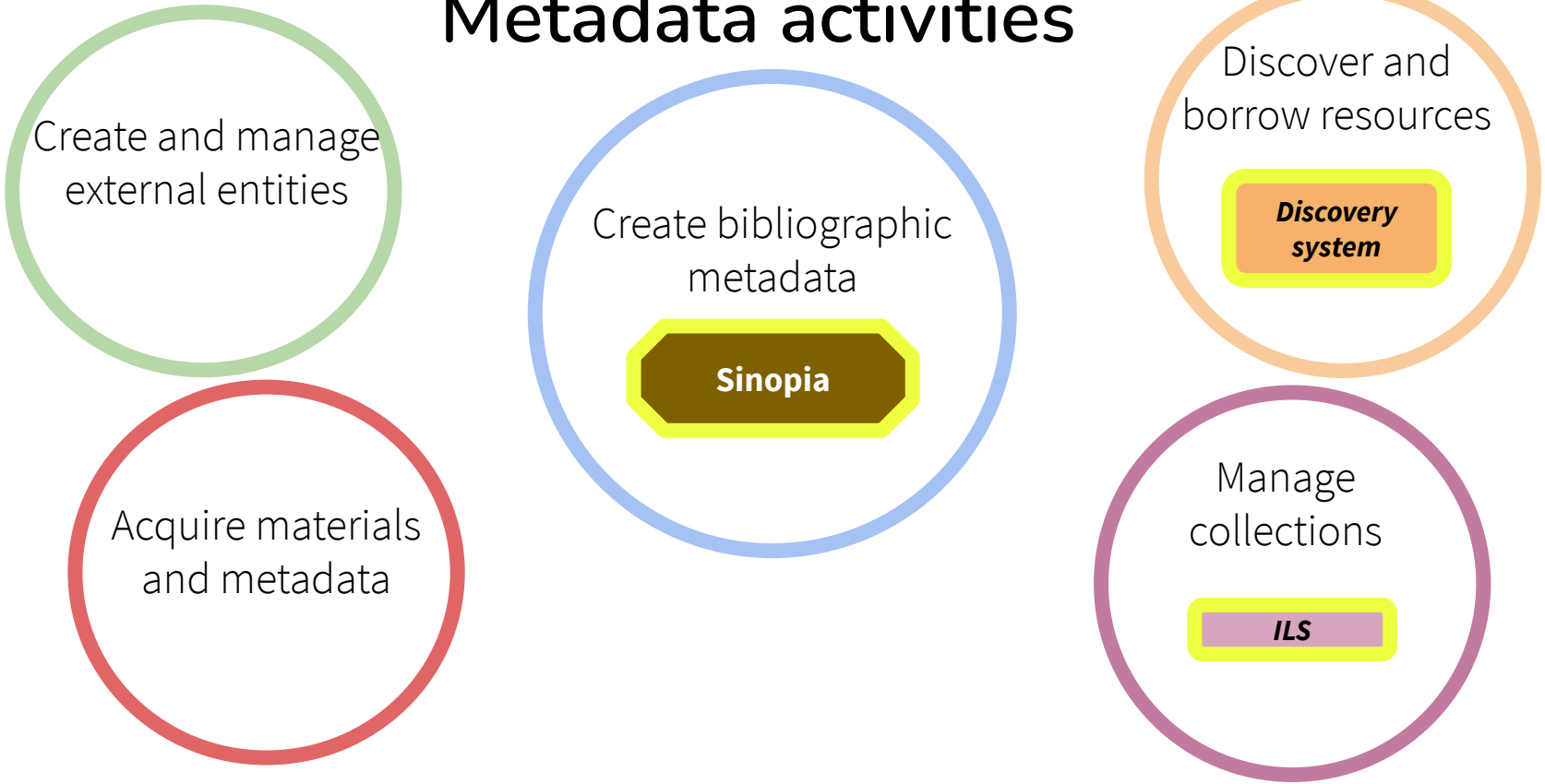
Metadata activities



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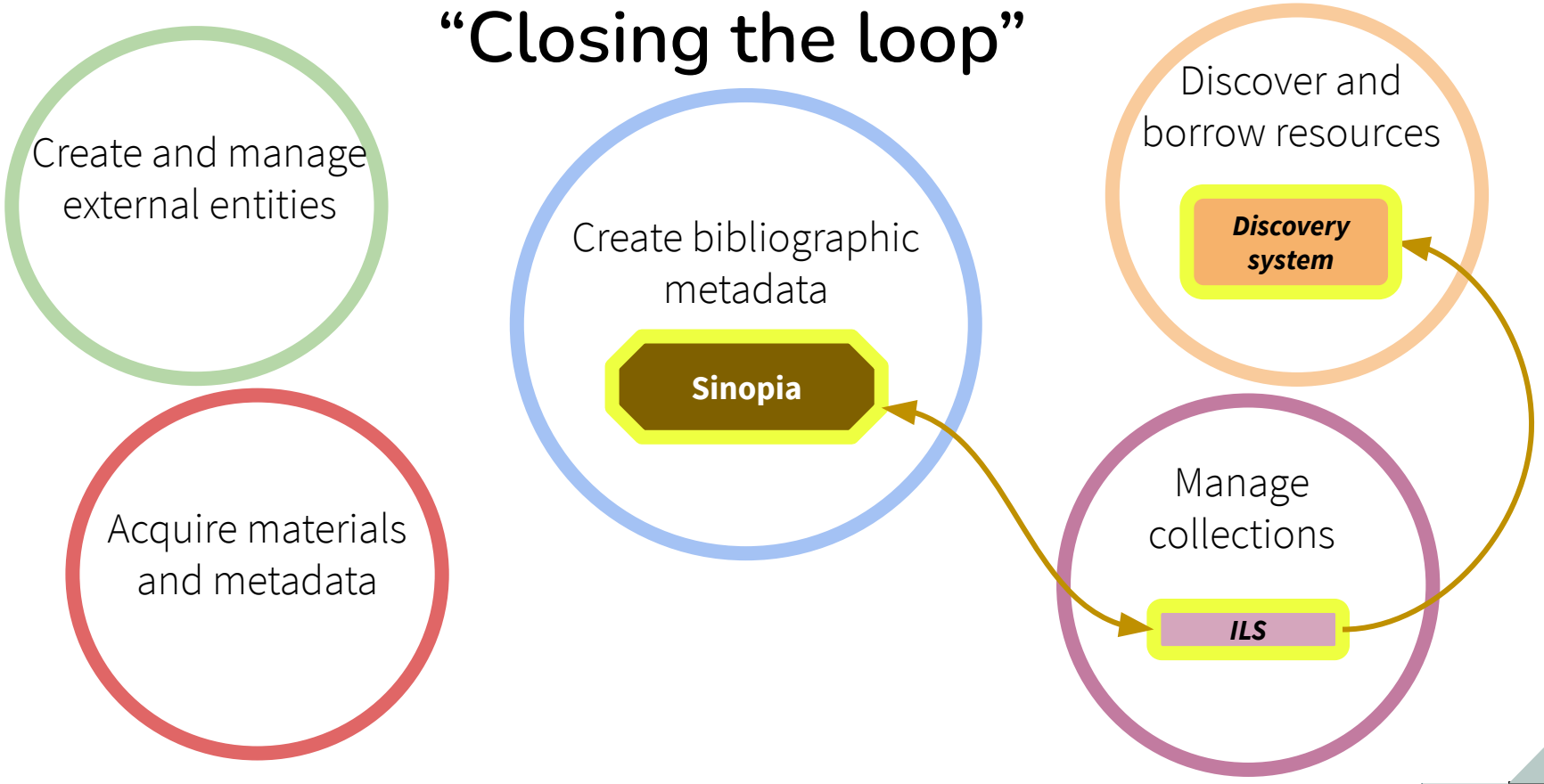
“Closing the loop”



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Sinopia + FOLIO = Sinolio

- **Proof-of-concept** of connecting Sinopia metadata creation with ILS activities
- Sinopia and FOLIO compatibility
  - open source
  - similar technologies
  - FOLIO does not have RDF cataloging tool natively
- Build Sinopia **Middleware** to create an integration that can be applied to other ILSs

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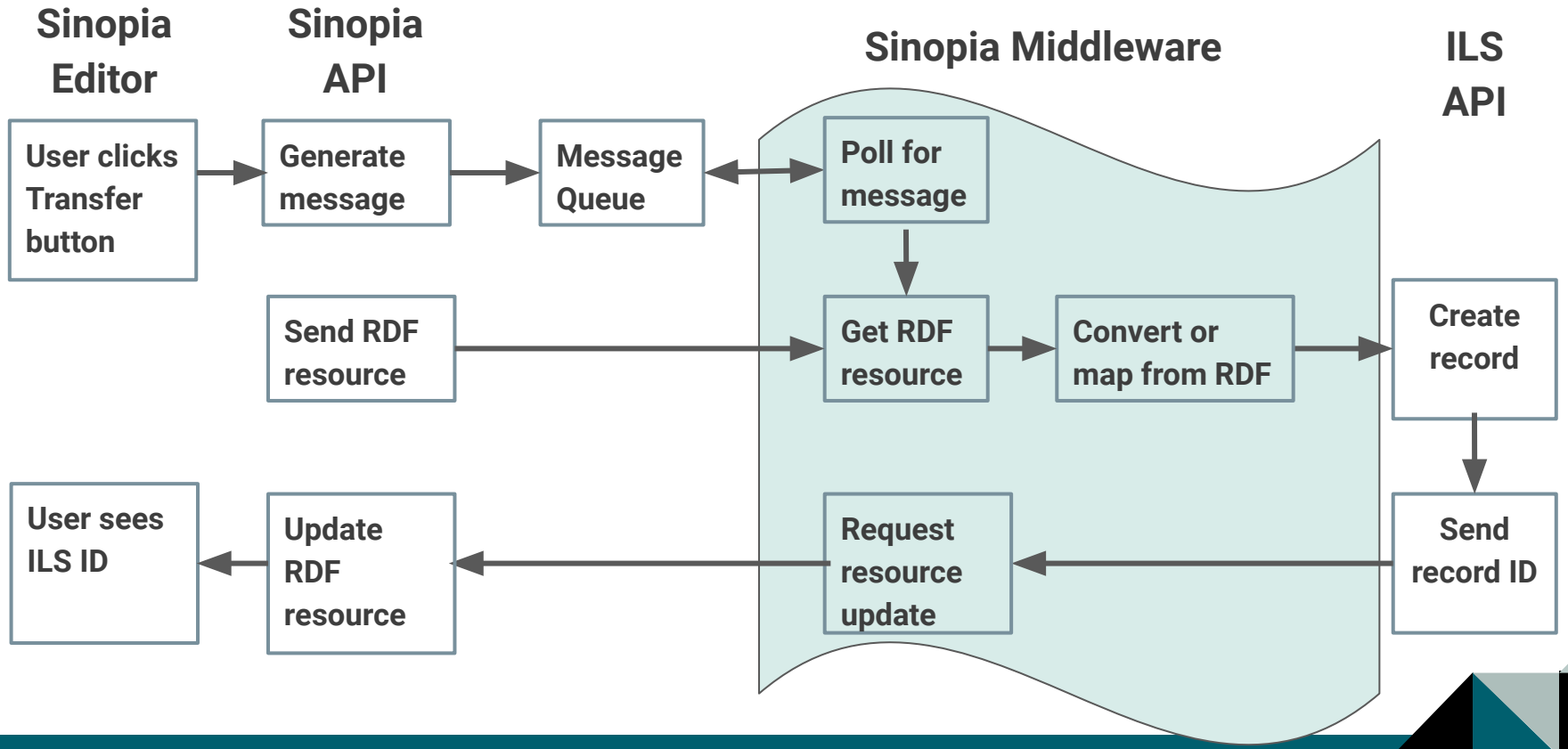
Sinopia Middleware



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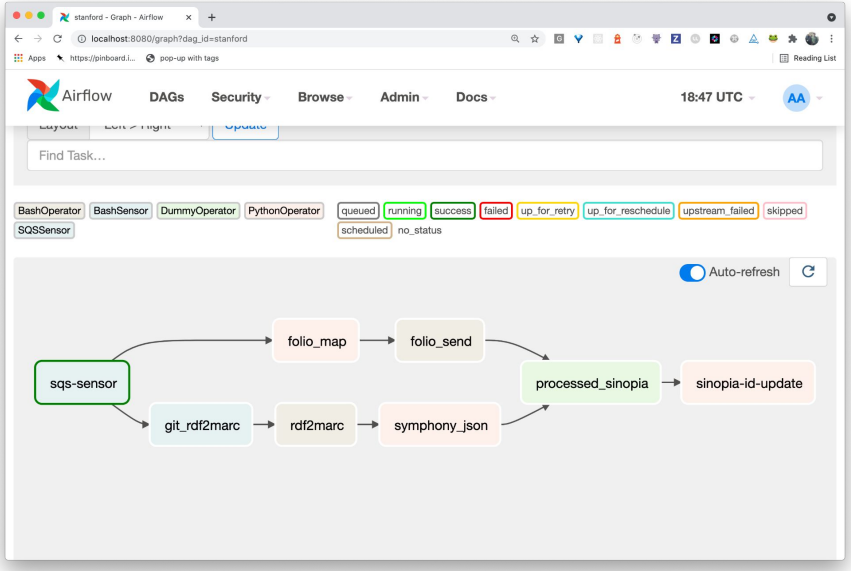
Sinolio ETL Workflows

i. **Extract** RDF from Sinopia
ii. **Transform** into FOLIO Inventory Records
iii. **Load** through Okapi API



Apache Airflow:
https://airflow.apache.org/

Sinopia ILS Middleware:
https://github.com/ld4p/ils-middleware

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To try Sinopia

- help.sinopia.io
- stage.sinopia.io