folio
future of libraries is open

3rd annual European
BIBFRAME workshop
17 September 2019

Linked Data in the LSP

* FOLIO and Linked Open Data *
Reality, Speculation, Provocation

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Why are we here?

25 years of working with library data...

- YAZ toolkit for Information Retrieval (Z39.50)
- Zebra search engine
- Metaproxy Z39.50/SRU switchboard
- Pazpar2 metasearch engine

Why are we here?

...and linked data...

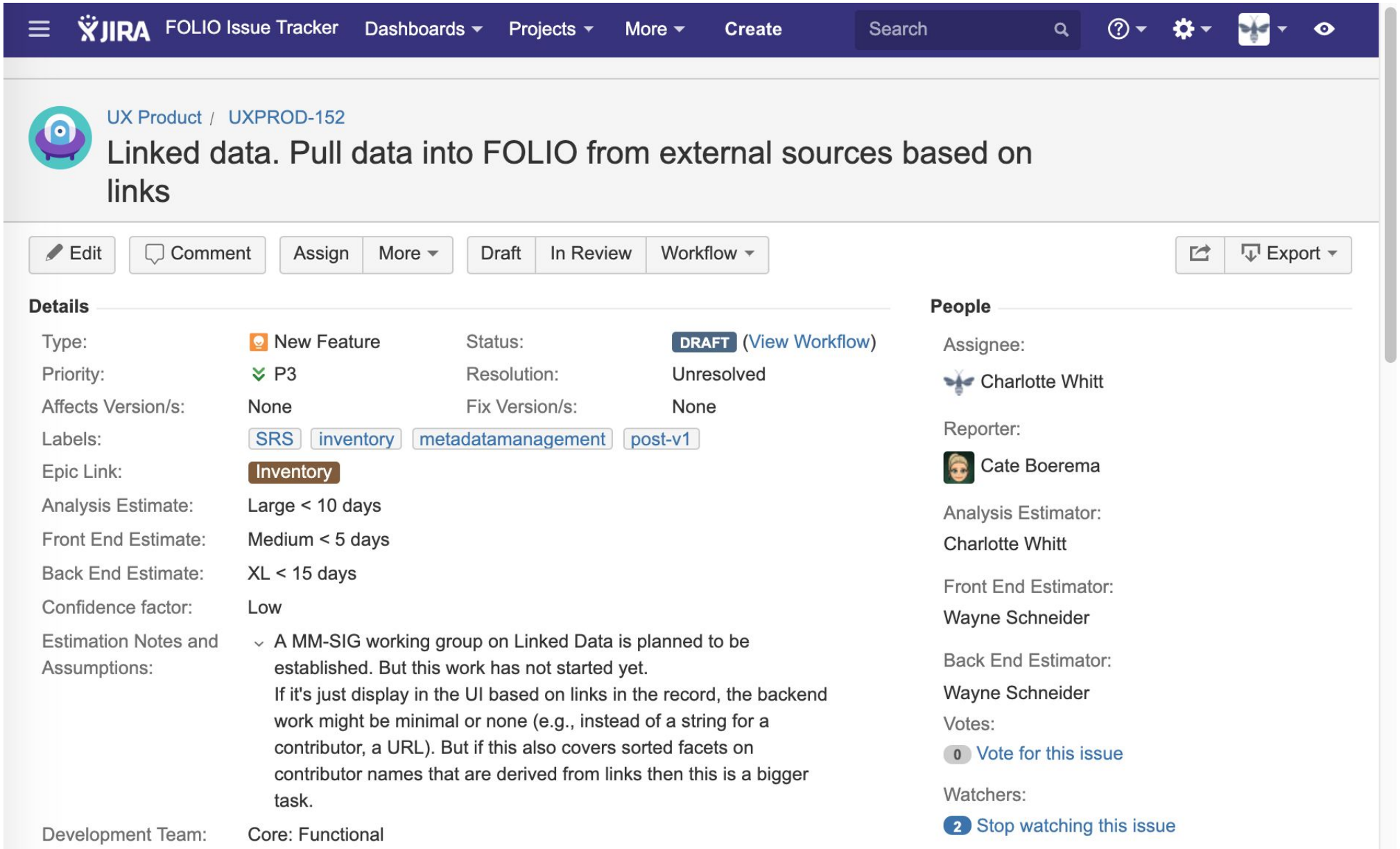
- Z39.50/SRU to SPARQL gateway (really!)
- MARC to BIBFRAME conversion (and back again)
- BIBFRAME Editor redesign

Why are we here?

Worked on architecture and high-level concepts for FOLIO and other duties as assigned

Spoiler alert

There is no linked data in FOLIO - yet!


JIRA FOLIO Issue Tracker
Dashboards
Projects
More
Create
Search
UX Product / UXPROD-152
Linked data. Pull data into FOLIO from external sources based on links
Edit
Comment
Assign
More
Draft
In Review
Workflow
Export
Details
Type: New Feature
Status: DRAFT (View Workflow)
Priority: P3
Resolution: Unresolved
Affects Version/s: None
Fix Version/s: None
Labels: SRS inventory metadatamanagement post-v1
Epic Link: Inventory
Analysis Estimate: Large < 10 days
Front End Estimate: Medium < 5 days
Back End Estimate: XL < 15 days
Confidence factor: Low
Estimation Notes and Assumptions: A MM-SIG working group on Linked Data is planned to be established. But this work has not started yet.
If it's just display in the UI based on links in the record, the backend work might be minimal or none (e.g., instead of a string for a contributor, a URL). But if this also covers sorted facets on contributor names that are derived from links then this is a bigger task.
Development Team: Core: Functional
People
Assignee: Charlotte Whitt
Reporter: Cate Boerema
Analysis Estimator: Charlotte Whitt
Front End Estimator: Wayne Schneider
Back End Estimator: Wayne Schneider
Votes: 0 Vote for this issue
Watchers: 2 Stop watching this issue

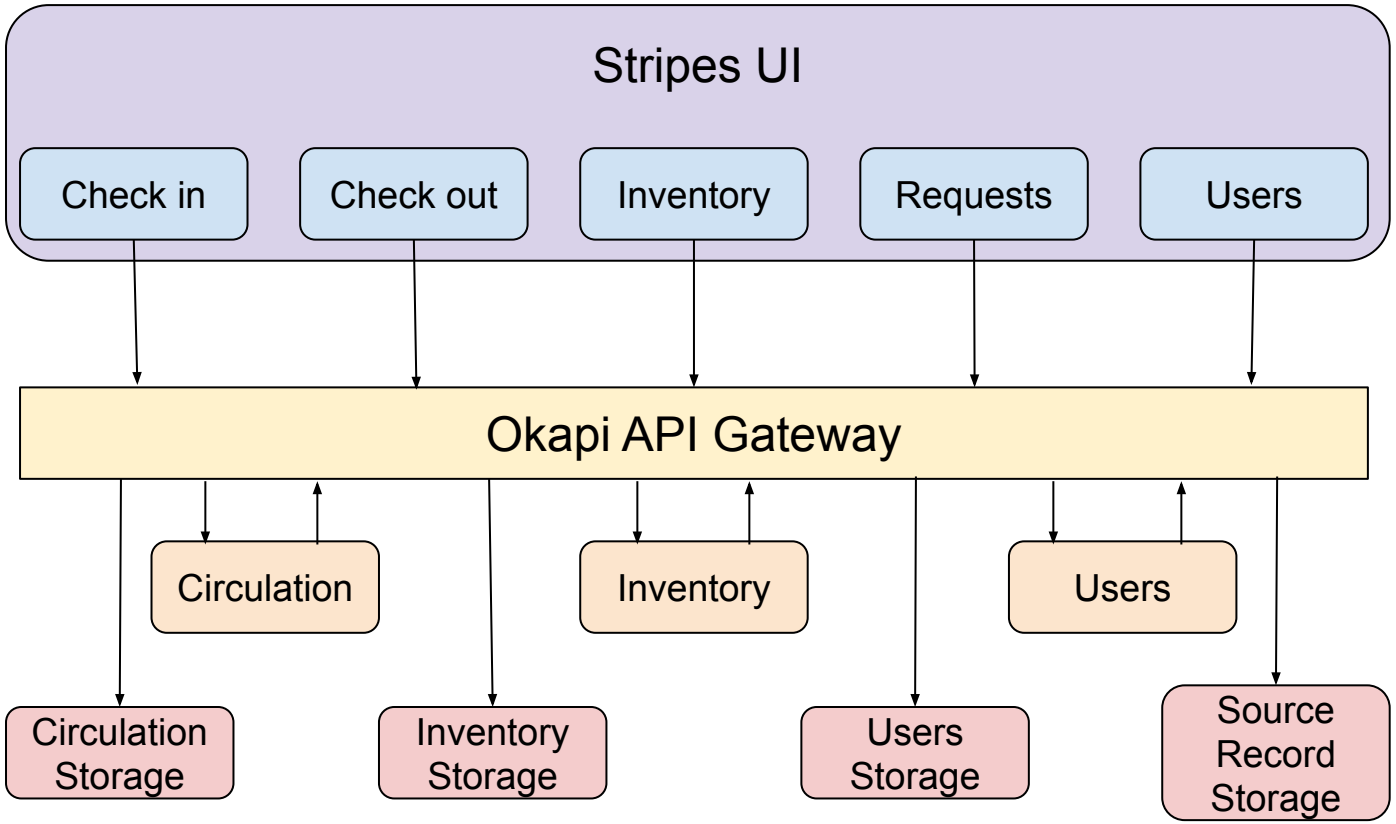
So what *is* in FOLIO, then?

- Open platform
- Open processes
- Open community

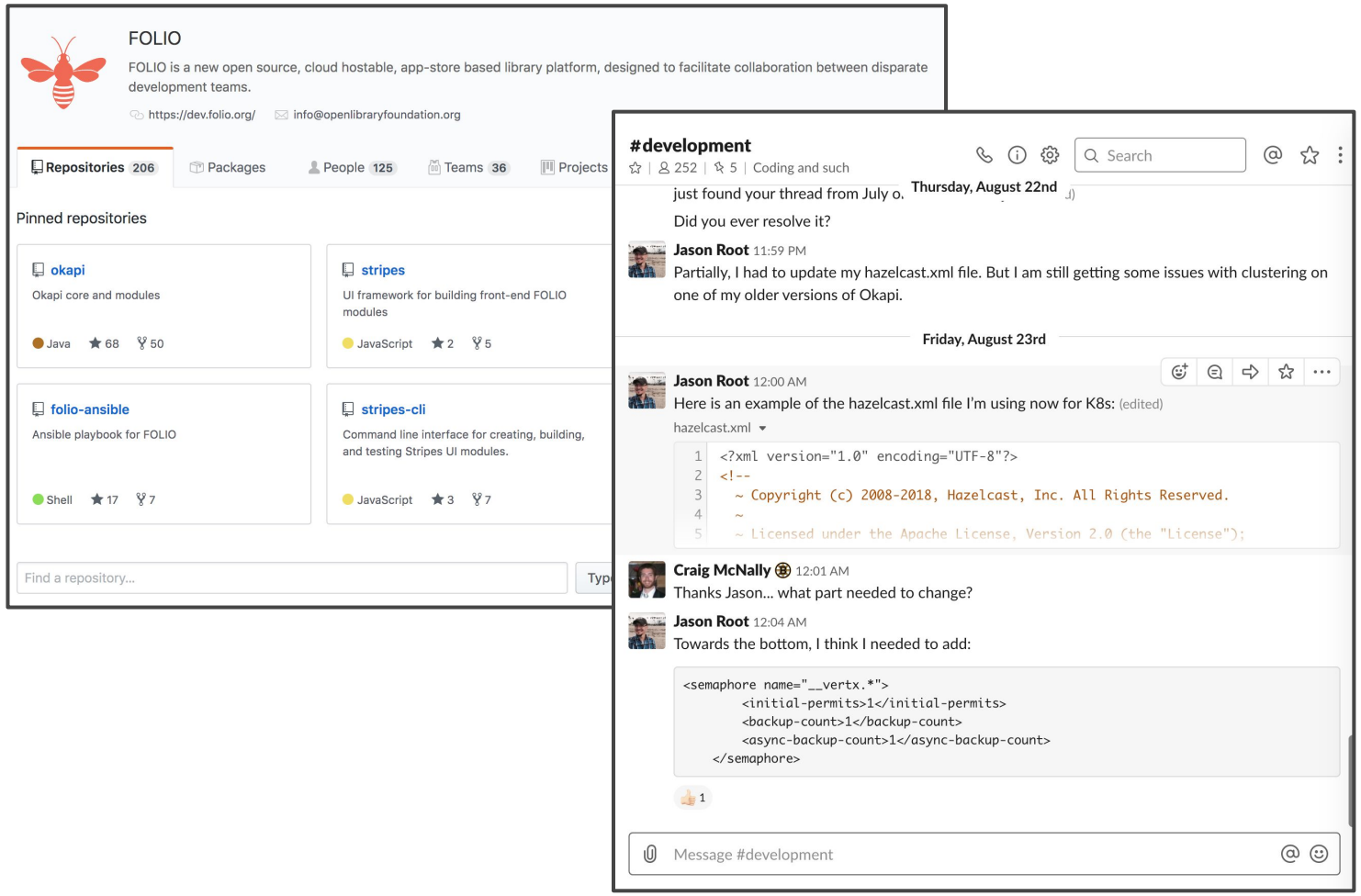
Open processes

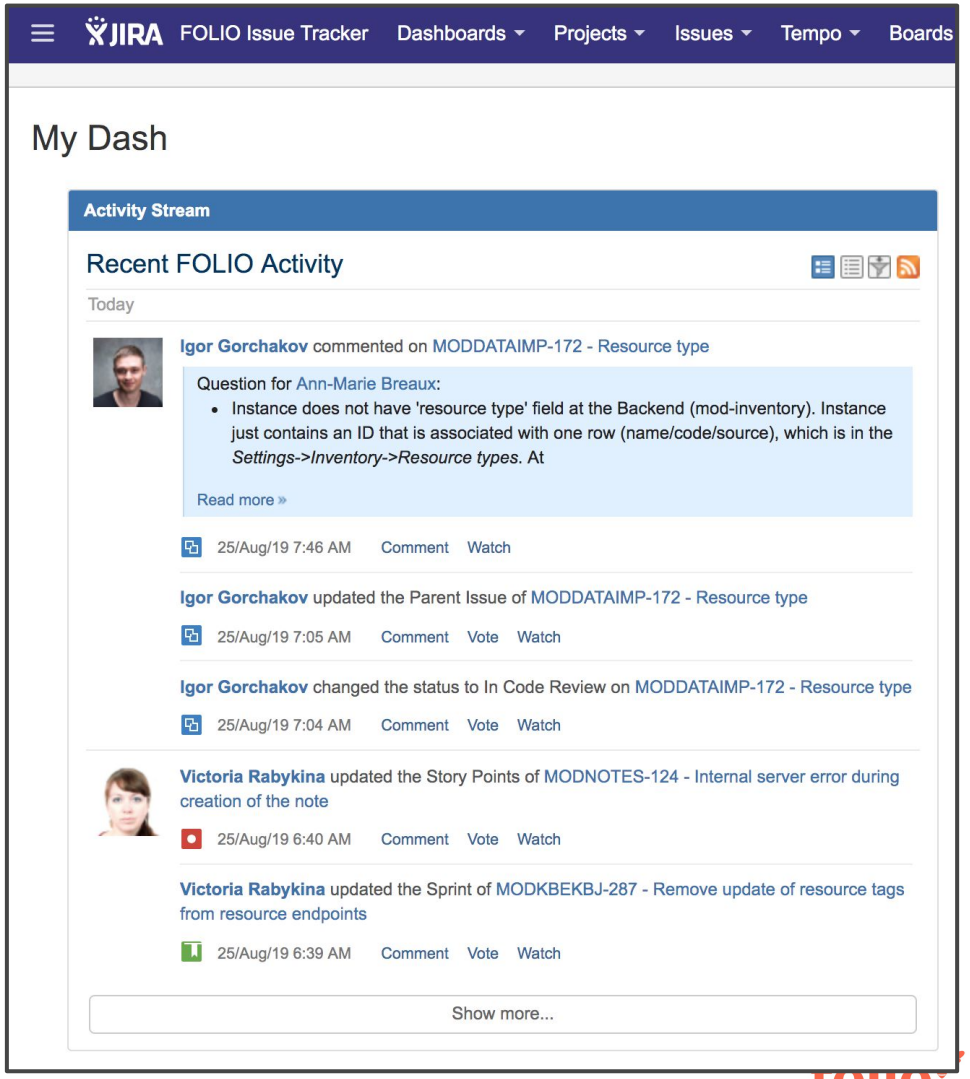
Photo by [Hosea Georgeson](#) on [Unsplash](#)

Open platform

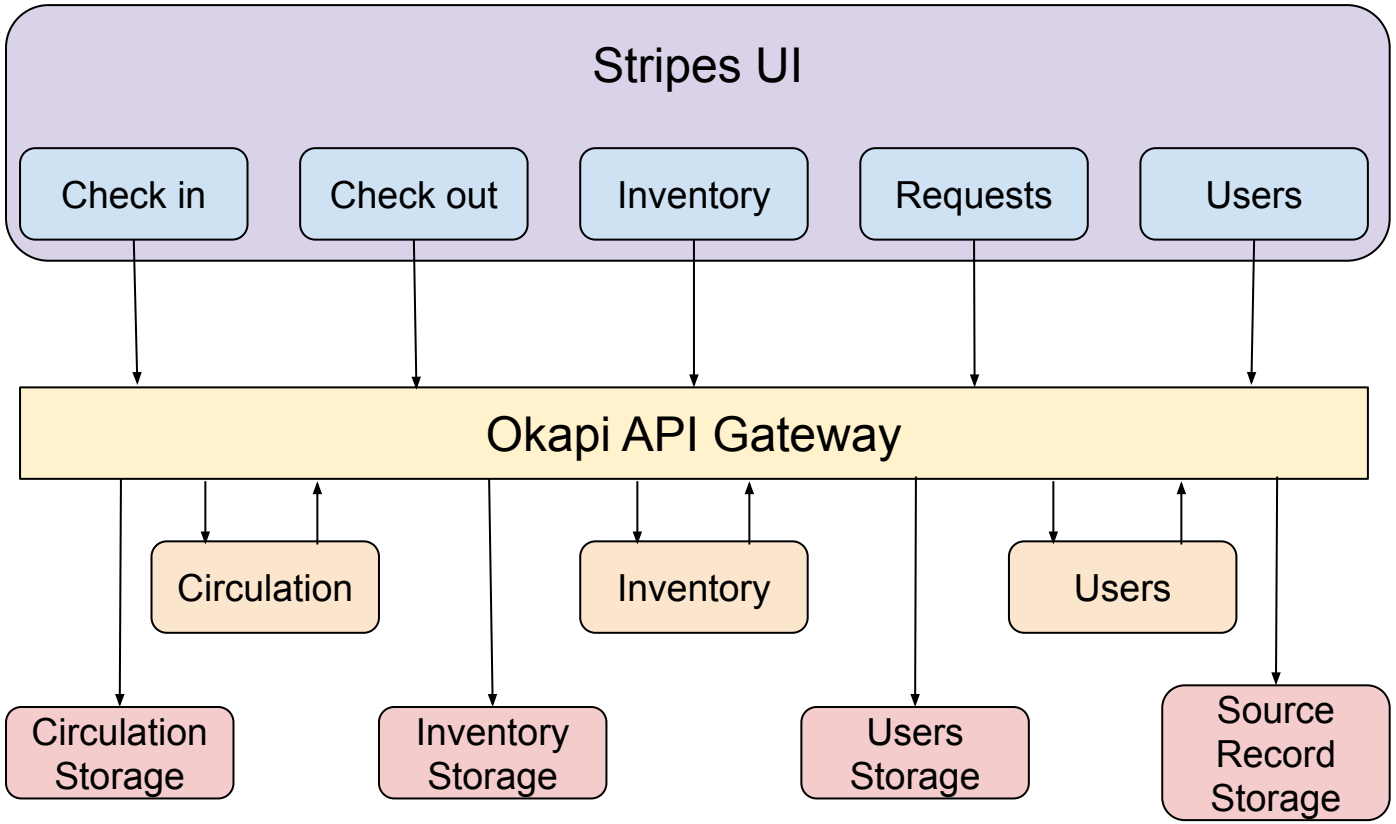


Open community

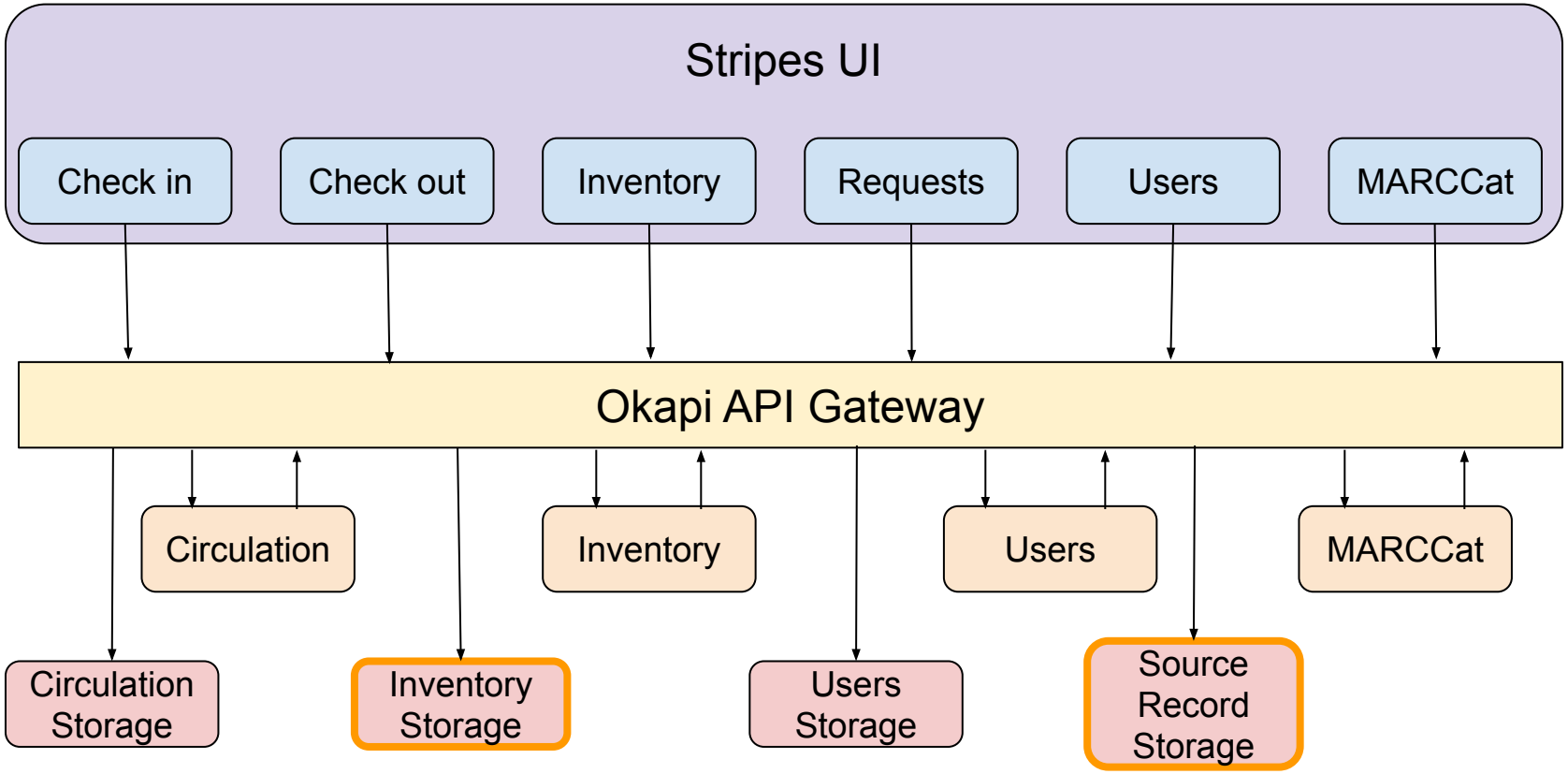




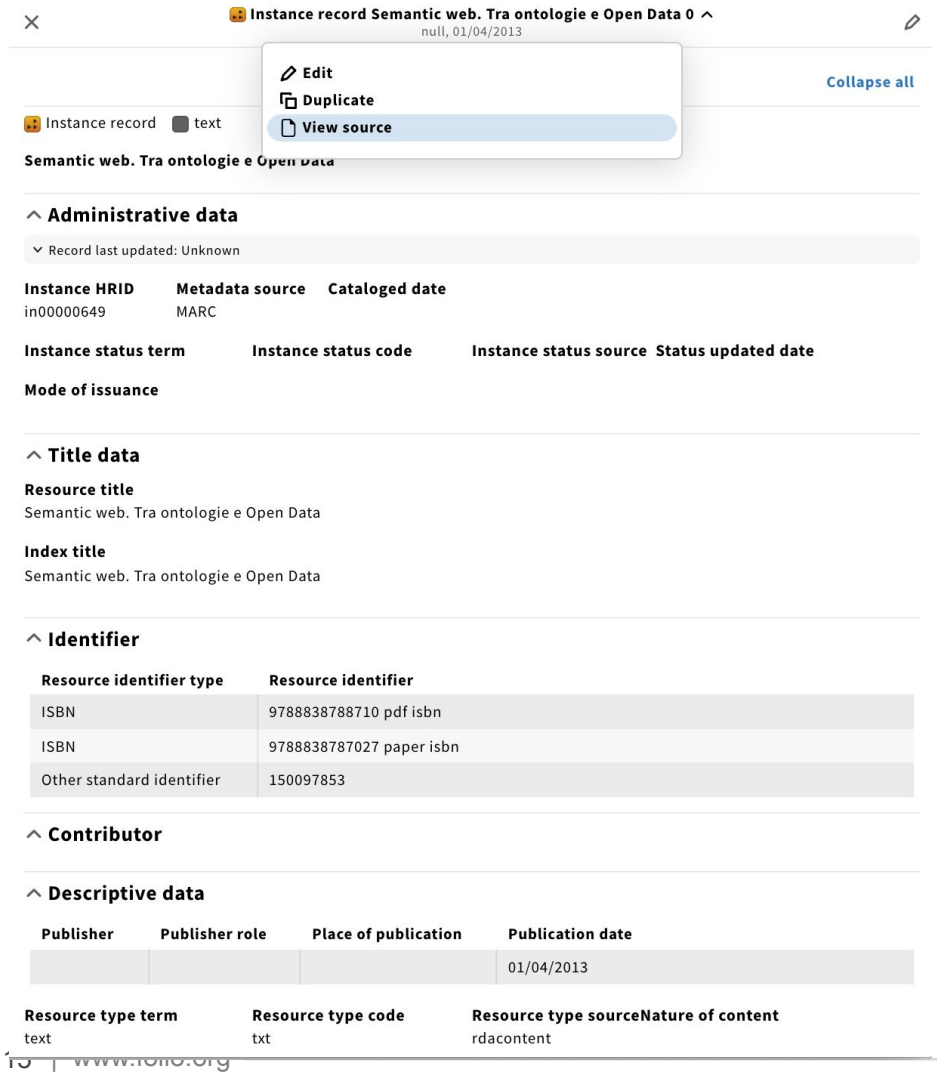
So...where's the metadata?

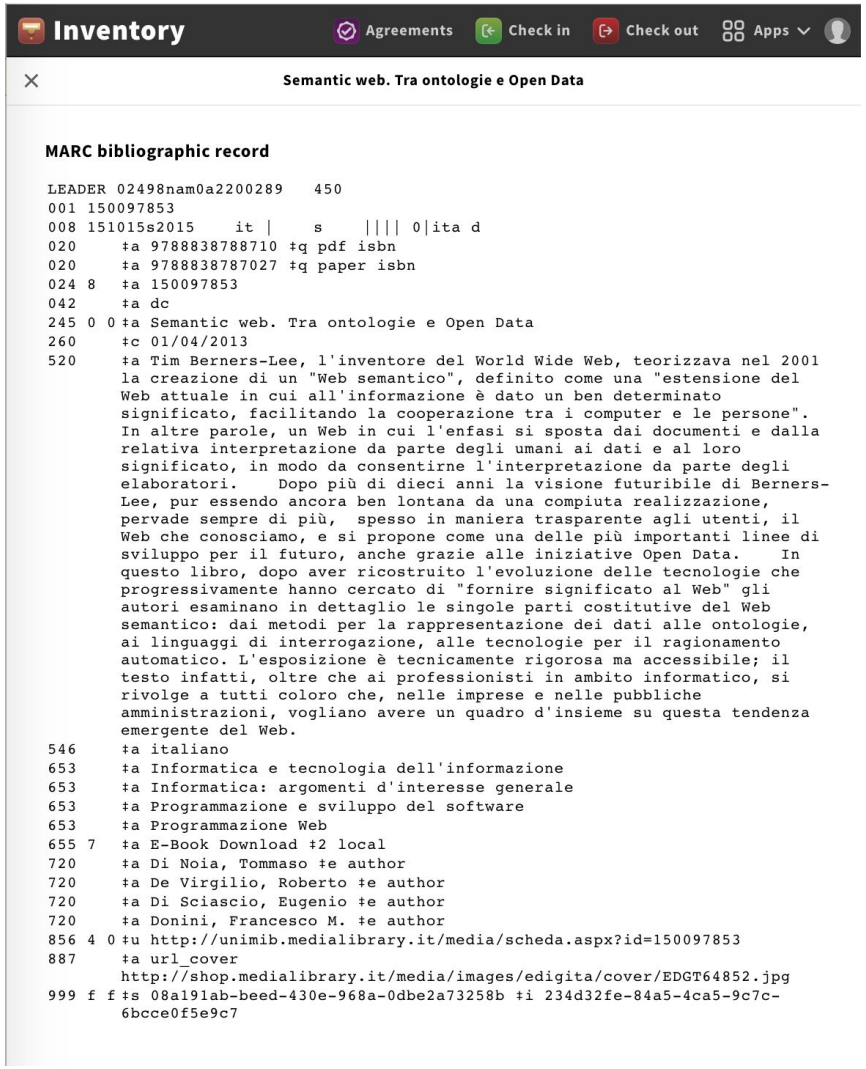


What have we build since 2018



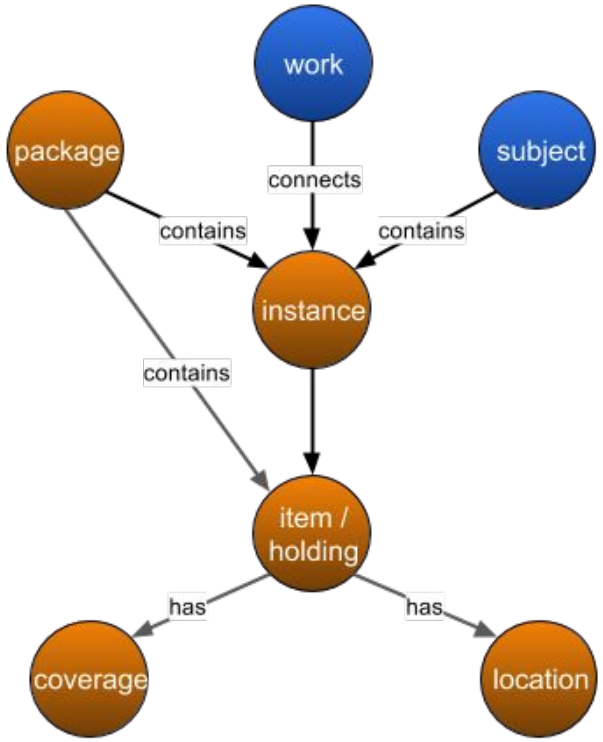
Records stored ...as FOLIO and MARC



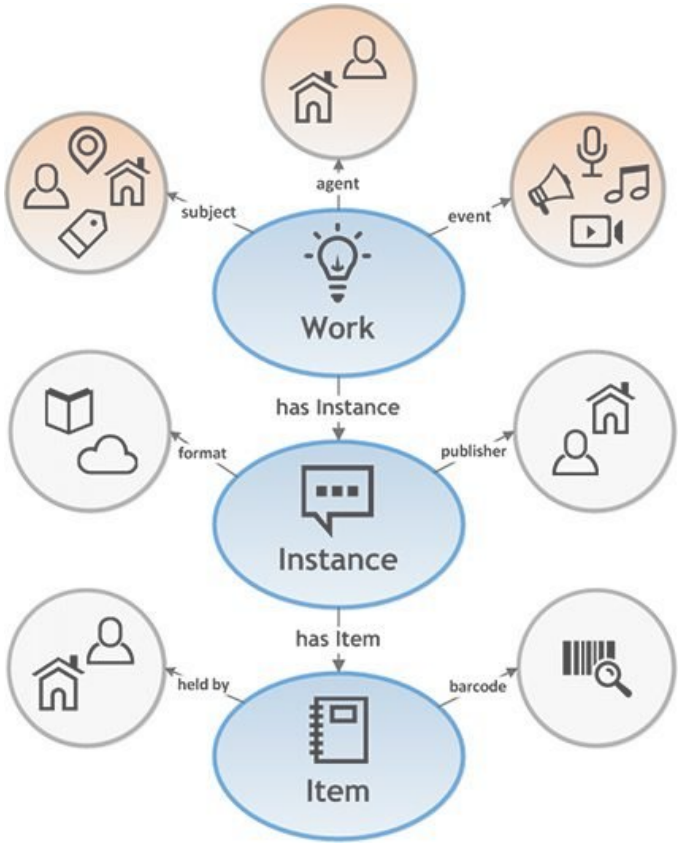


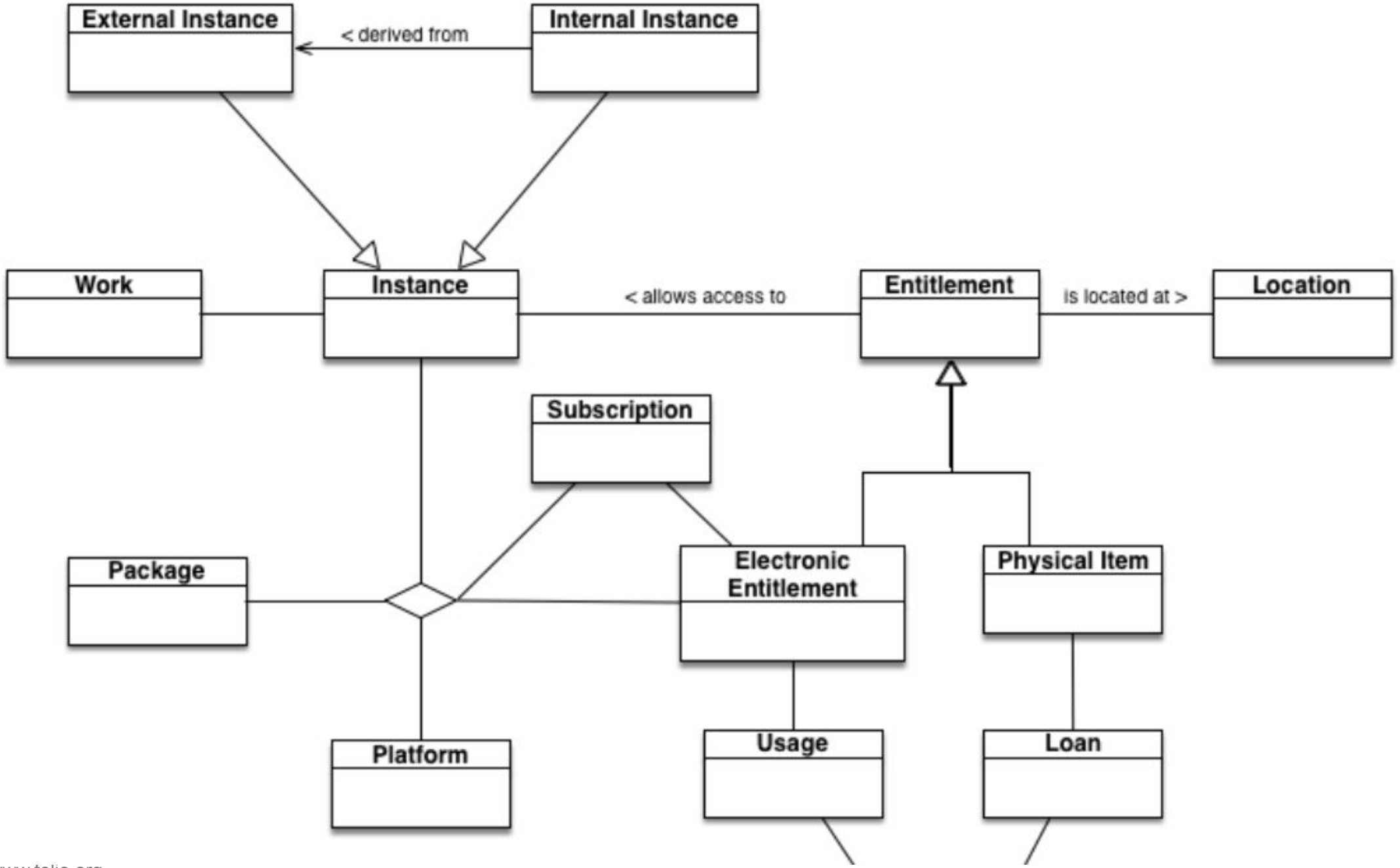
FOLIO Inventory in format neutral - inspired by BIBFRAME

Inventory

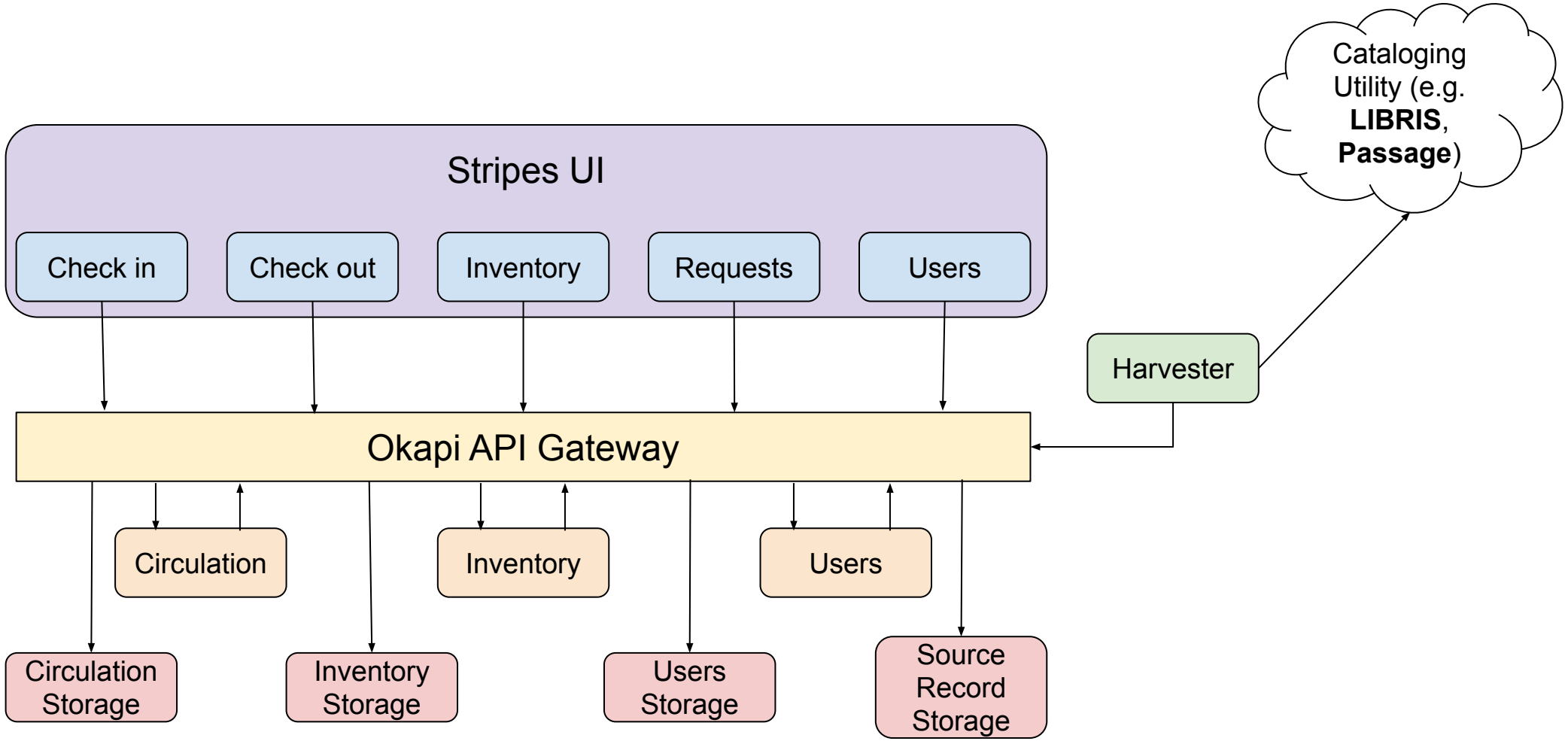


BIBFRAME

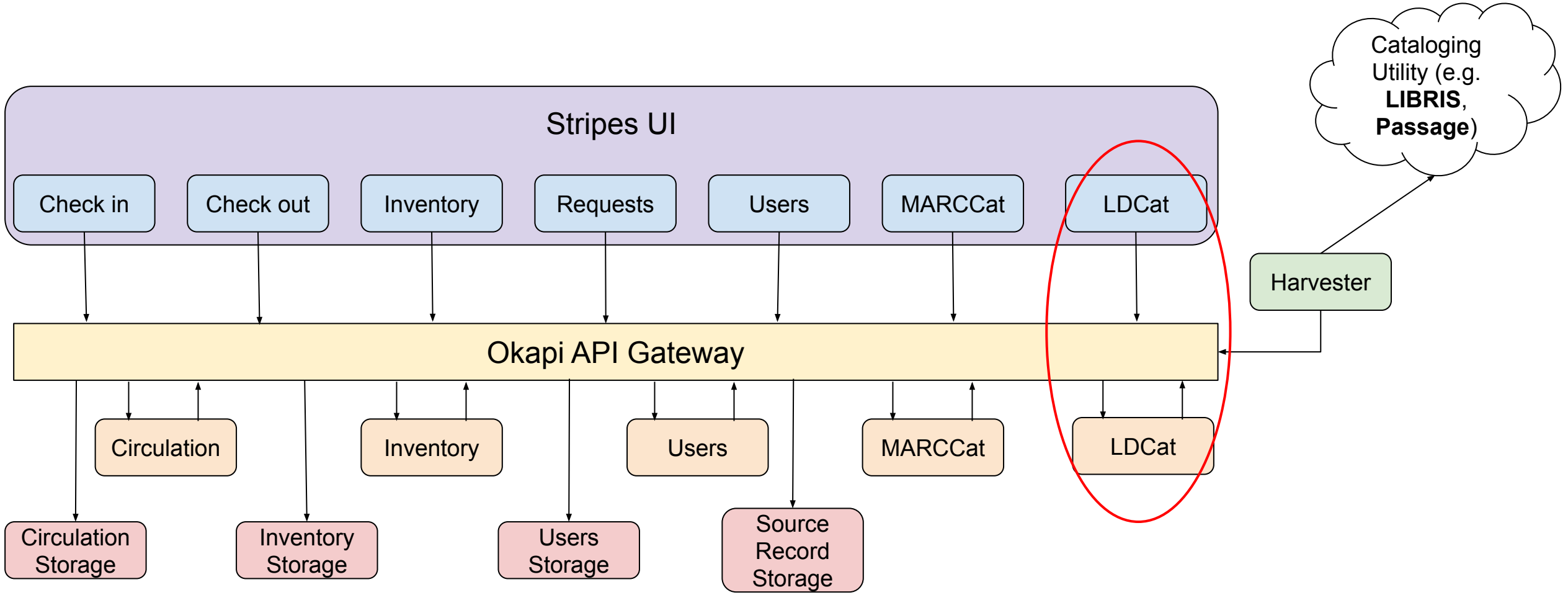



External Instance
< derived from
Internal Instance
Work
Instance
< allows access to
Entitlement
is located at >
Location
Subscription
Package
Electronic Entitlement
Physical Item
Platform
Usage
Loan

In the cloud...as linked data!



OK, this part doesn't exist yet. Should it?



Lloyd Alter/ Inderhavnsbroen/CC BY 2.0

Some concrete next steps

- Analysing user requirements and concept development
- Create a BIBFRAME to FOLIO Inventory crosswalk
- Addressing non-instance entities
- Build a prototype storage module and mapping to inventory
- Implement synchronization with entities on the web
- Build a BIBFRAME cataloging tool
- ...

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QUESTIONS

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