MARC My Words

Navigating the BIBFRAME Frontier

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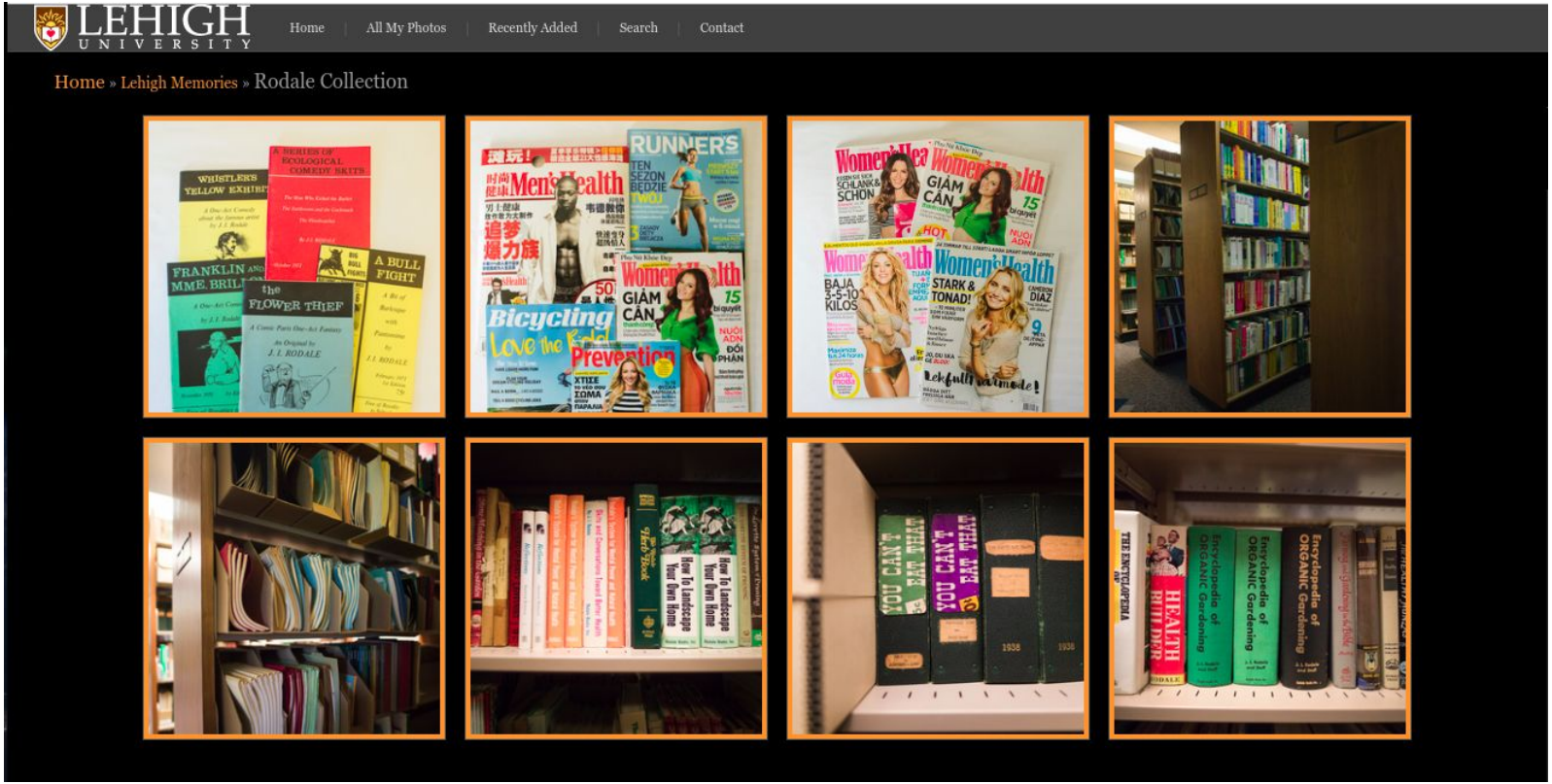
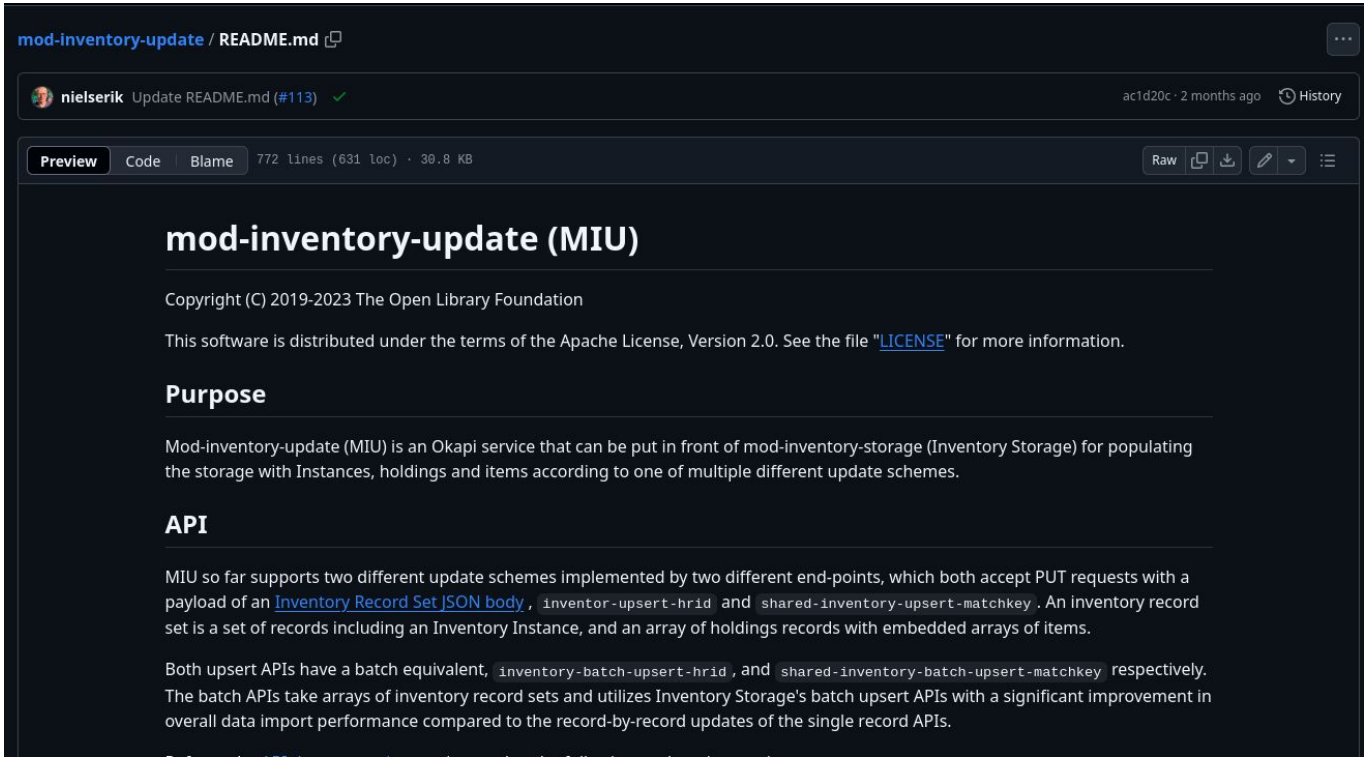
Share-VDE / FOLIO Integration (Lehigh, Index Data, @CULT)

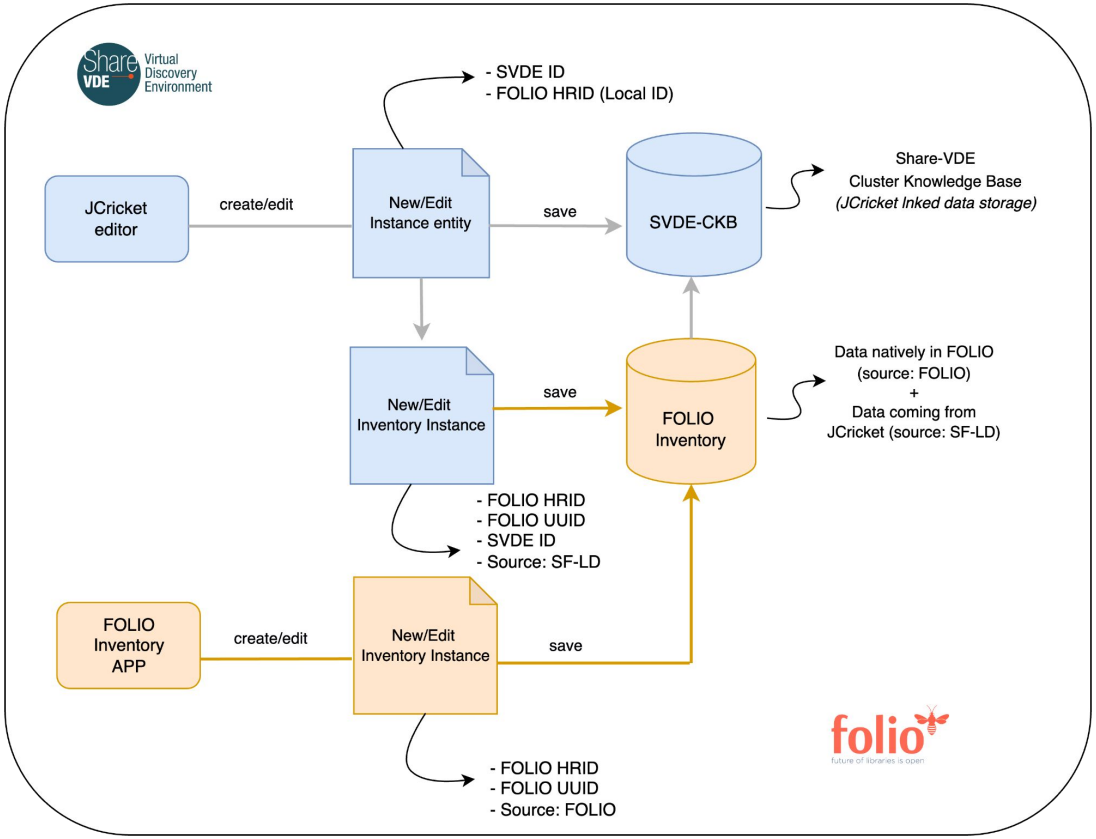


mod-inventory-update

Swiss Army knife for FOLIO inventory integration



Workflow for collaborative cataloging with linked open data into FOLIO



Legenda:

- **SVDE-CKB:** the Cluster Knowledge Base of Share-VDE (it contains entities in linked open data)
- **SVDE cluster**: the SVDE entity
- **SVDE ID**: entity's identifier (URI) assigned in SVDE
- **FOLIO HRID**: FOLIO Identifier in Human Readable form
- **FOLIO UUID**: FOLIO Universal Unique Identifier
- **Local ID**: local record identifier in the library ILS/LSP (here it corresponds to the FOLIO HRID)
- **SF-LD**: acronym for Share Family-Linked Data, used to indicate the cataloging source and therefore the source of truth for the Inventory-Instance

Research questions

Will this approach actually reduce the work of original cataloging and catalog maintenance for a collection like this?

How can work in a shared cataloging environment for Linked Open Data (like Share-VDE) be integrated into bibliographic workflows that are still largely based on the exchange and careful curation of MARC records?

What are the strengths and weaknesses of FOLIO as a platform for these kinds of hybrid workflows?

What JCricket ***is***

✅ it's a BIBFRAME entities editor

✅ it applies to linked data entities created within all tenants of the Share Family (svde.org, pcc-lod.org, natbib-lod.org…)

✅ it's a manual application that manages properties (attributes, relations and links) of entities in the CKB - Cluster Knowledge Base

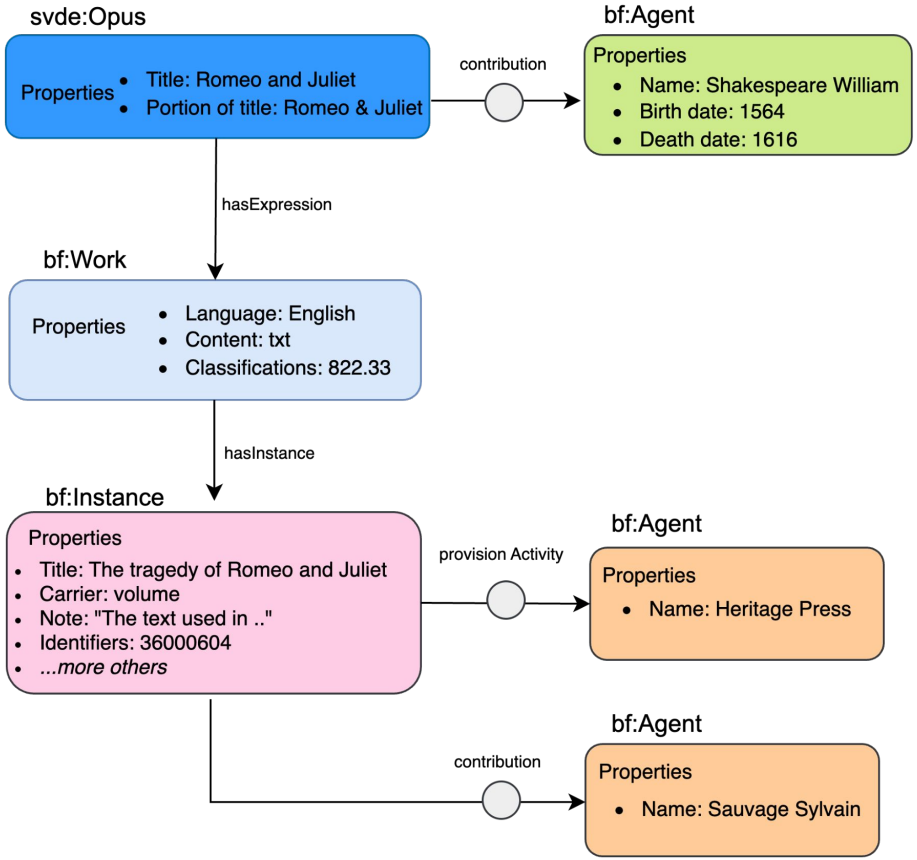
✅ it's a collaborative tool shared across member i institutions

✅ it can be used as an original cataloguing tool

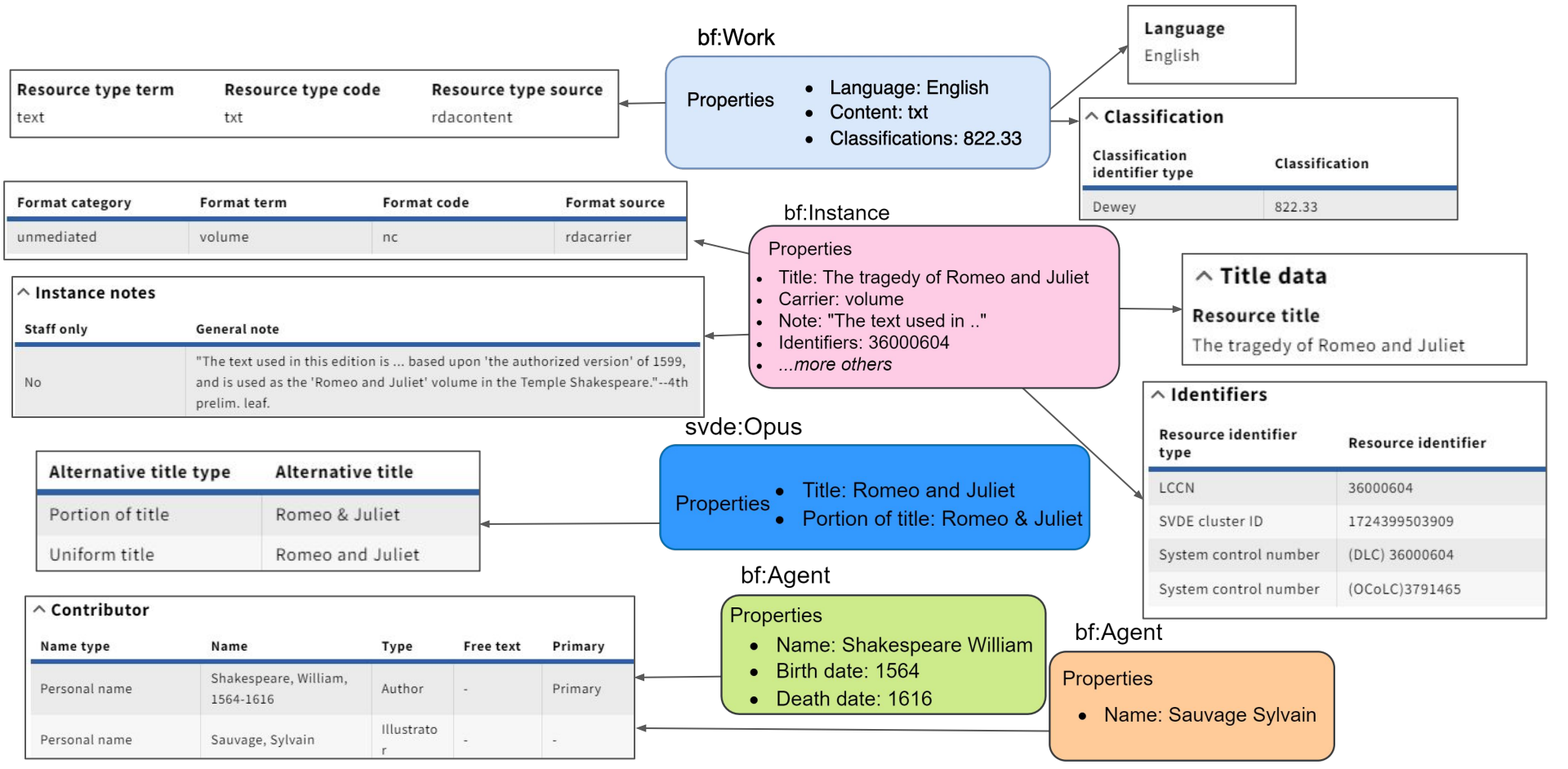
✅ it can be a new tool for entity cataloging/sharing in LOD

https://docs.google.com/presentation/d/10zSn5iStTOmJRtiM71BIk-CAxTWHxJjiBp5D5joL6hk/edit#slide=id.g2011945aadc_0_105

The Share-VDE data model (as BF extension)



From BIBFRAME entities to Inventory instance



JCricket → FOLIO live demo

- Share-VDE test tenant (Lehigh is one of the many libraries belonging to the same Share Family tenant (Share-VDE tenant), using several ILSs/LSPs)
- FOLIO Lehigh test tenant

Current integration status -

Entity	JCricket Fields (properties)	Status	Marc
Instance	Title		245 $a
Instance	Description creation date		008 [00-05] / 005
Instance	Issuance		LDR [07]
Instance	Variant Title		246 ind2= # or 3
Instance	Cover Title		246 ind2=4
Instance	Spine title		246 ind2=8
Instance	Responsibility statement		245 $c
Instance	Canceled/invalid control number		035 $z
Instance	System control number		035 $a
Instance	Coden		030 $a
Instance	Doi		024 $a with $2DOI
Instance	GPO item number		074 $a
Instance	ISBN		020 $a
Instance	ISSN		022 $a
Instance	ISMN		024 $a
Instance	Invalid LC control number		010 $z
Instance	LCCN		010 $a
Instance	Publisher number		028 $a
Instance	STRN		027 $a
Instance	UPC		024 $a ind1=1
Instance	URN		024 $a with $2urn
Instance	Contributor PBL place of publication year of publication		260 - 264 ind2 = 1
Instance	Edition statement		250 $a
	Extent		

Instance	Media type		337
Instance	Carrier		338
Instance	Current publication frequency		310
Instance	Dates of publication and/or sequential designation		362
Instance	Content accessibility		532
Instance	Additional Physical Note		530
Instance	biographical note		545 ind1 = 0
Instance	Administrative history note		545 ind1 = 1
Instance	Credits note		508
Instance	Cumulative index		555
Instance	Exhibitions note		585
Instance	Former title note		547
Instance	Funding Information Note		536
Instance	Note		500
Instance	Documentation Note		556
Instance	Issuing body note		550
Instance	Related material note		544 581
Instance	Issuance note		515
Instance	Original version note		534
Instance	Credits		511
Instance	Preferred citations		524
Instance	Reproduction note		533
Instance	Use and access condition		506
Instance	Scale note		507
Instance	Source of description note		588
Instance	Summary		520
Instance	Equipment or system requirements		538
Instance	Use policy		540
Instance	Computer file characteristics		516

New challenges (next use-cases)

- Development of cataloging flows, in real time, in both directions:

  ⟶ from Share-VDE to FOLIO ✅

  ⟶ from FOLIO to Share-VDE ❌ (to be done!)*

- Implementing the COPY CATALOGING functionality from Share-VDE to a local FOLIO installation:
  - a cataloger searches/finds on the Share-VD CKB a bf:Instance provided by other libraries;
  - the cataloger can select it and send it to FOLIO, as a local Instance
- Support the FOLIO configuration app to select the external editor from FOLIO to manage the data set (based on the Instance source field)

*Currently we can update the Share-VDE CKB with data coming from FOLIO by applying delta processes.