# Re-use or Copy?

## Redefining Copy Cataloging in a Linked Data Environment

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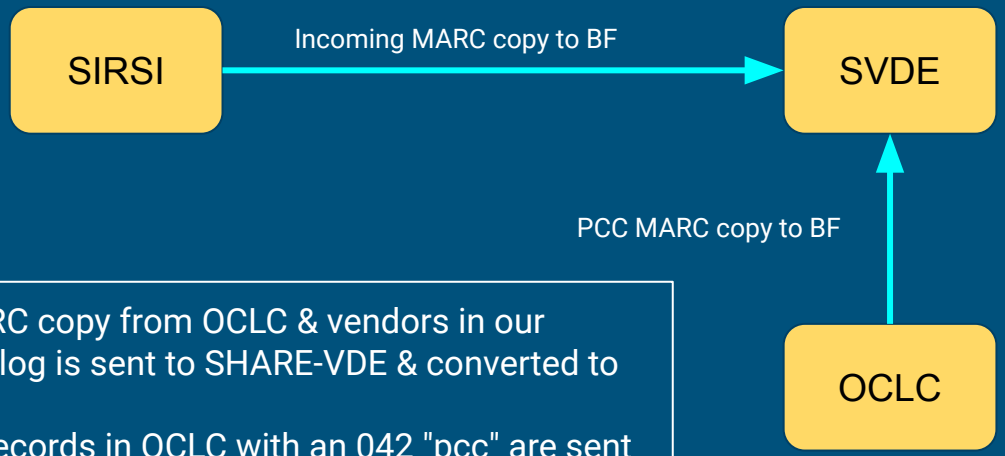
Copy Cataloging IG
8 March 2022

# Part 1: BF Data Pools

# Step 1: MARC conversion



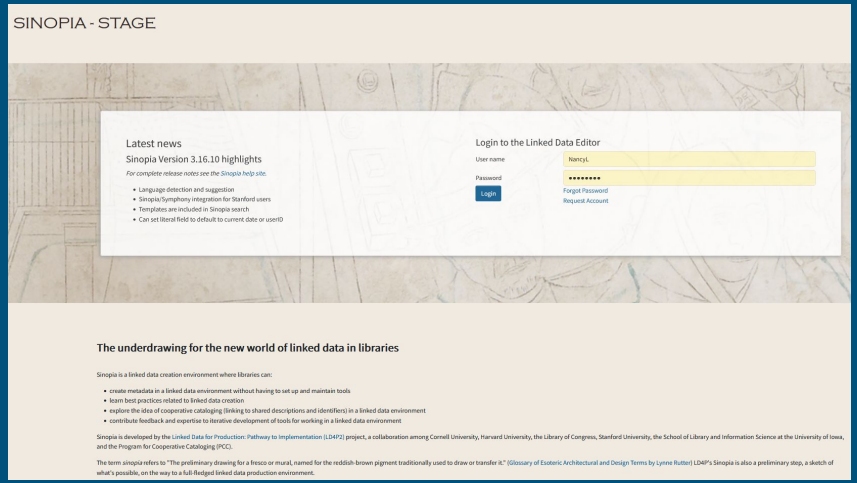

- MARC copy from OCLC & vendors in our catalog is sent to SHARE-VDE & converted to BF
- All records in OCLC with an 042 "pcc" are sent to SHARE-VDE and converted to BF
- a vital first step since most of our copy will be MARC for a long time to come & our ILS's are not yet able to receive LD
- PCC BF will be openly available to all

## Sinopia Import & Export Workflows

MARC to BF export

# Step 2: LD Metadata creation

- moving beyond the dependency on conversion and all its limitations for LD descriptions
- necessity of a linked data based editor for catalogers to work in & to provide pools of metadata for various utilities to work with (OCLC, SVDE, ILS's)



SINOPIA - STAGE

NancyL • Help • Logout

Dashboard | Resource Templates | Actions | Search | Sinopia

## Recent templates

| Label / ID | Resource URI | Author | Group | Date | Guiding statement | Actions |
|---|---|---|---|---|---|---|
| _ Stanford BF2 Instance (Book)<br>Stanford:bf2:Monograph:Instance | http://id.loc.gov/ontologies/bibframe/Instance | Stanford | Stanford Template Managers | Nov 8, 2021 | For books (single or multi-volume) & e-books | |
| _PCC BF2 Work (Monograph)<br>pcc:bf2:Monograph:Work | http://id.loc.gov/ontologies/bibframe/Work | PCC | PCC Template Managers | Sep 20, 2020 | | |
| _PCC BF2 Instance (Monograph)<br>pcc:bf2:Monograph:Instance | http://id.loc.gov/ontologies/bibframe/Instance | PCC | PCC Template Managers | Sep 20, 2020 | For books (single or multi-volume) & e-books | |
| _Stanford BF2 Work (Book)<br>Stanford:bf2:Monograph:Work | http://id.loc.gov/ontologies/bibframe/Work | Stanford | Stanford Template Managers | Nov 8, 2021 | based on PCC template for books | |
| _PCC BF2 Instance (Serial)<br>pcc:bf2:Serial:Instance | http://id.loc.gov/ontologies/bibframe/Instance | PCC | PCC Template Managers | Oct 20, 2020 | | |
| _PCC BF2 Work (Serial)<br>pcc:bf2:Serial:Work | http://id.loc.gov/ontologies/bibframe/Work | PCC | PCC Template Managers | Oct 20, 2020 | | |
| _Stanford BF2 Work (Notated Music work)<br>Stanford:bf2:PMO:Score:Work:SingleMusicalWork | http://id.loc.gov/ontologies/bibframe/Work | Stanford kk | Stanford Template Managers | Mar 2, 2022 | in development | |
| _ Stanford BF2 Instance (Score-single musical work)<br>Stanford:bf2:PMO:Score:SingleMusicalInstance | http://id.loc.gov/ontologies/bibframe/Instance | Stanford kk | Stanford Template Managers | Feb 11, 2022 | For scores that contain a single musical work, or collection that can be described as a single work | |
| Title--Instance Title<br>pcc:bf2:Title:InstanceTitle | http://id.loc.gov/ontologies/bibframe/Title | PCC | PCC Template Managers | Sep 20, 2020 | Title information for instance (manifestation): title proper, subtitle, part number and name, note | |
| Agent<br>pcc:bf2:Agent | http://id.loc.gov/ontologies/bibframe/Agent | PCC | PCC Template Managers | Jan 27, 2022 | based on Stanford:bf2:Agent | |

## Recent searches

| Authority | Query |
|---|---|
| Sinopia resources | psychology and life |
| Sinopia resources | elder edda |
| Sinopia resources | https://api.stage.sinopia.io/resource/81a7a719-2ffa-4382-acdf-4e6088976392 |
| SHAREVDE PCC Work (QA) - cache | chronicles |
| Sinopia resources | chronicles |
| Sinopia resources | raven black |
| SHAREVDE PCC Work (QA) - cache | raven black |
| Sinopia resources | cross-cultural |
| Sinopia resources | https://api.stage.sinopia.io/resource/c23e24bb-e872-4ff6-8cb4-06378c009382 |
| SHAREVDE PCC Instance (QA) - cache | raven black |

Sinopia Dashboard

_PCC BF2 Instance (Monograph) INSTANCE

- Title Information
- Statement of Responsibility
- Edition Statement
- Transcribed Provider Statement
- Publication, Distribution, Manufacture, Production
- Copyright Date
- Series Statement
- Identifiers
- Note about the Instance
- Extent
- Dimensions
- Mode of Issuance •
- Media type •
- Carrier type •
- Uniform Resource Locator for Resource
- Digital file type
- Encoding Format
- Related Manifestation
- Instance of
- Has Item
- Administrative Metadata •

Class: Instance (http://id.loc.gov/ontologies/bibframe/Instance)

Optional classes:
- [ ] Electronic (http://id.loc.gov/ontologies/bibframe/Electronic)
- [ ] Manuscript (http://id.loc.gov/ontologies/bibframe/Manuscript)
- [ ] Print (http://id.loc.gov/ontologies/bibframe/Print)

Title Information *

Title--Instance Title

+ Add another Title--Instance Title

*Property: Title (http://id.loc.gov/ontologies/bibframe/title)*
*Class: http://id.loc.gov/ontologies/bibframe/Title*

**Main Title**

*Property: http://id.loc.gov/ontologies/bibframe/mainTitle*
Enter a literal

Main Title

ä en

+ Add another Main Title

+ Add **Subtitle**

+ Add **Part number**

+ Add **Part name**

+ Add **Note**

Title--Parallel Title

+ Add another Title--Parallel Title

*Property: Title (http://id.loc.gov/ontologies/bibframe/title)*
*Class: http://id.loc.gov/ontologies/bibframe/ParallelTitle*

+ Add **Parallel Title**

+ Add **Parallel Other Title Information**

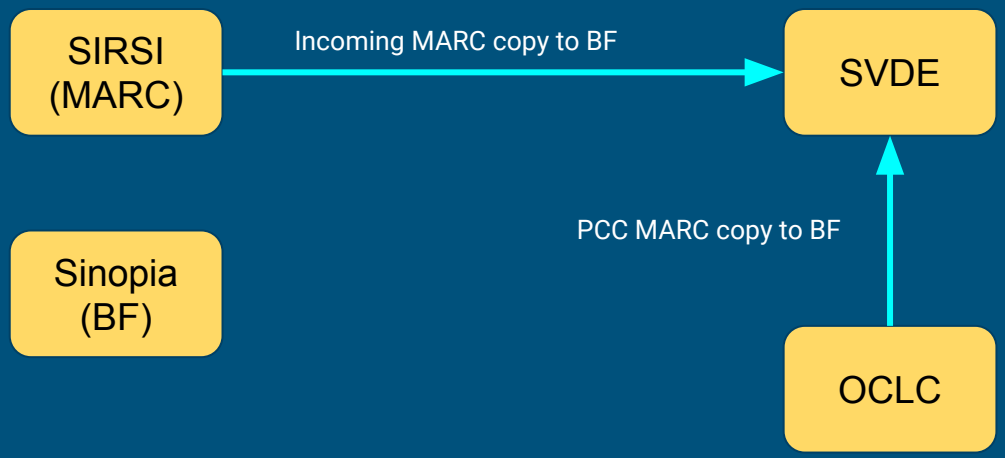
+ Add **Parallel Part Number**

+ Add **Parallel Part Name**

+ Add **Note**

Sinopia Data Entry Template

# Step 1: MARC conversion

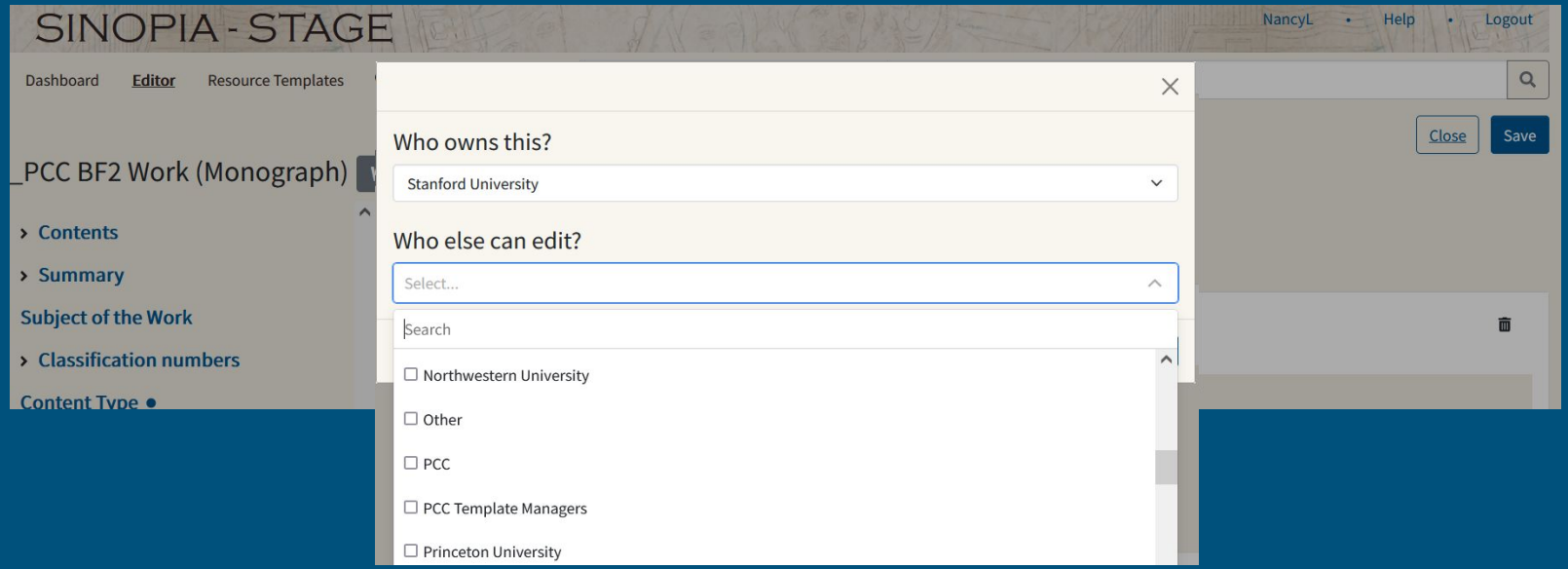



## Sinopia Import & Export Workflows

# Part 2: Internal Data sharing

# Step 1: Permissions

- a major tool in copy cataloging
- controls who can edit a description



# Step 2: Traditional Copy Cataloging in Sinopia

| Label / ID | Class | Group | Modified | Sort by |
|---|---|---|---|---|
| Poems of the Elder Edda,Elder Edda<br>https://api.stage.sinopia.io/resource/ef856531-1096-4d48-9bdb-b0b39bf6862d<br>Relationships | http://id.loc.gov/ontologies/bibframe/Instance<br>http://id.loc.gov/ontologies/bibframe/Print | Stanford University | Feb 28, 2022 | |
| Edda Sæmundar. English<br>https://api.stage.sinopia.io/resource/98957fcc-68c4-4592-a93a-88683bb6844a<br>Relationships | http://id.loc.gov/ontologies/bibframe/Work<br>http://id.loc.gov/ontologies/bibframe/Text | Stanford University | Feb 28, 2022 | |

view

edit

copy

# Step 3: Exporting in MARC to a catalog

| Label / ID | Class | Group | Modified | Sort by |
|---|---|---|---|---|
| Poems of the Elder Edda,Elder Edda<br>https://api.stage.sinopia.io/resource/ef856531-1096-4d48-9bdb-b0b39bf6862d<br>Relationships | http://id.loc.gov/ontologies/bibframe/Instance<br>http://id.loc.gov/ontologies/bibframe/Print | Stanford University | Feb 28, 2022 | |
| Edda Sæmundar. English<br>https://api.stage.sinopia.io/resource/98957fcc-68c4-4592-a93a-88683bb6844a<br>Relationships | http://id.loc.gov/ontologies/bibframe/Work<br>http://id.loc.gov/ontologies/bibframe/Text | Stanford University | Feb 28, 2022 | |

_ Stanford BF2 Instance (Book)

URI for this resource: <https://api.stage.sinopia.io/resource/ef856531-1096-4d48-9bdb-b0b39bf6862d> Copy URI

View: Form view

Class: Instance (http://id.loc.gov/ontologies/bibframe/Instance)

Title Information *

Title--Instance Title

Property: http://id.loc.gov/ontologies/bibframe/title

Class: http://id.loc.gov/ontologies/bibframe/Title

Main Title

Poems of the Elder Edda [en]

Variant, Parallel & Transliterated Titles

Title--Variant Title (Monograph)

Property: http://id.loc.gov/ontologies/bibframe/title

Class: http://id.loc.gov/ontologies/bibframe/VariantTitle

Variant Title

Elder Edda [en]

Variant title type

MARC • Export to Catalog

Owned/editable by
Stanford University

Also editable by
California State Un ...

# Form view

| | | | | |
|---|---|---|---|---|
| Psychology and life<br>https://api.stage.sinopia.io/resource/4b4f8054-6070-43a2-bd61-d803937e6c93<br>› Relationships | http://id.loc.gov/ontologies/bibframe/Work<br>http://id.loc.gov/ontologies/bibframe/Text | University of Alberta | Mar 6, 2022 | |
| Psychology and life<br>https://api.stage.sinopia.io/resource/cfcfc12f-3e4b-4619-ae56-de015b37250f<br>› Relationships | http://id.loc.gov/ontologies/bibframe/Instance<br>http://id.loc.gov/ontologies/bibframe/Print | University of Alberta | Mar 6, 2022 | |

Preview Resource

_PCC BF2 Instance (Monograph)

URI for this resource: <https://api.stage.sinopia.io/resource/cfcfc12f-3e4b-4619-ae56-de015b37250f> Copy URI

View: Form view

*Class: Instance (http://id.loc.gov/ontologies/bibframe/Instance)*

Title Information*

Title--Instance Title

*Property: Title (http://id.loc.gov/ontologies/bibframe/title)*

*Class: http://id.loc.gov/ontologies/bibframe/Title*

**Main Title**

Psychology and life [en]

Statement of Responsibility

Richard J. Gerrig, Phil G. Zimbardo [en]

Edition Statement

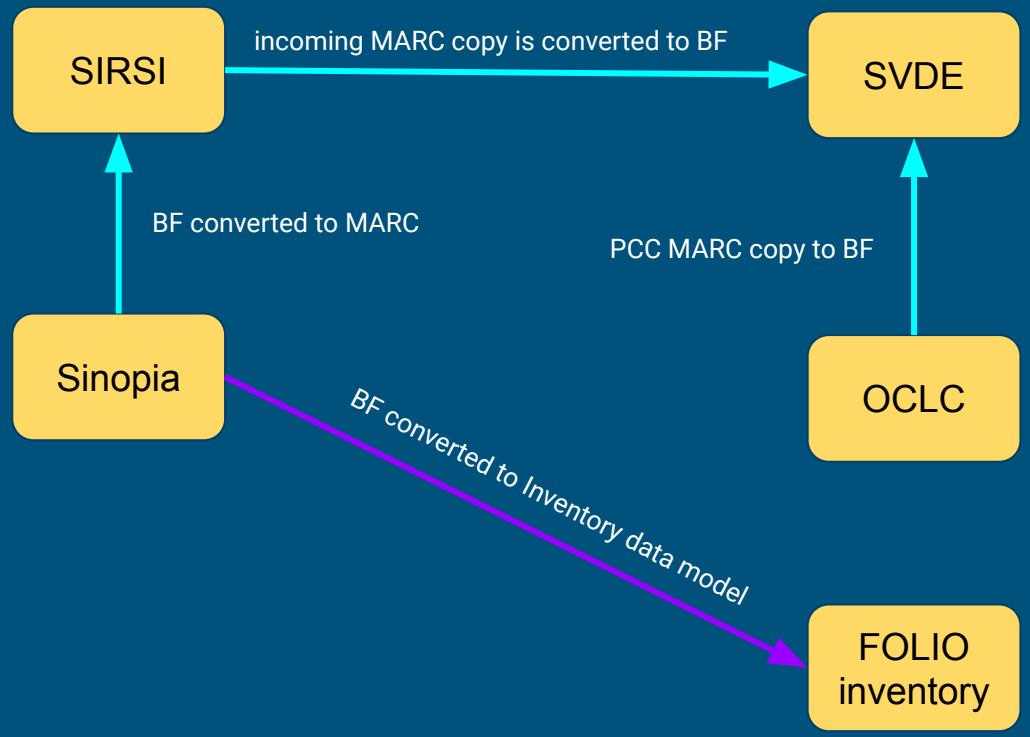
MARC • Export to Catalog

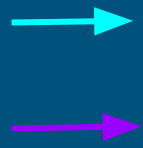
**Owned/editable by**
University of Alberta

**Owned/editable by**
University of Alberta

MARC • Export to Catalog

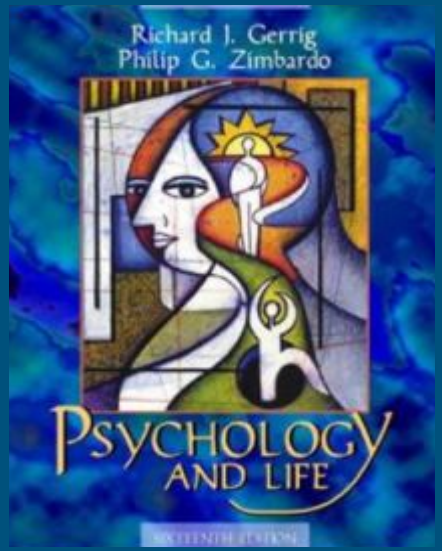
# Sinopia Import & Export Workflows



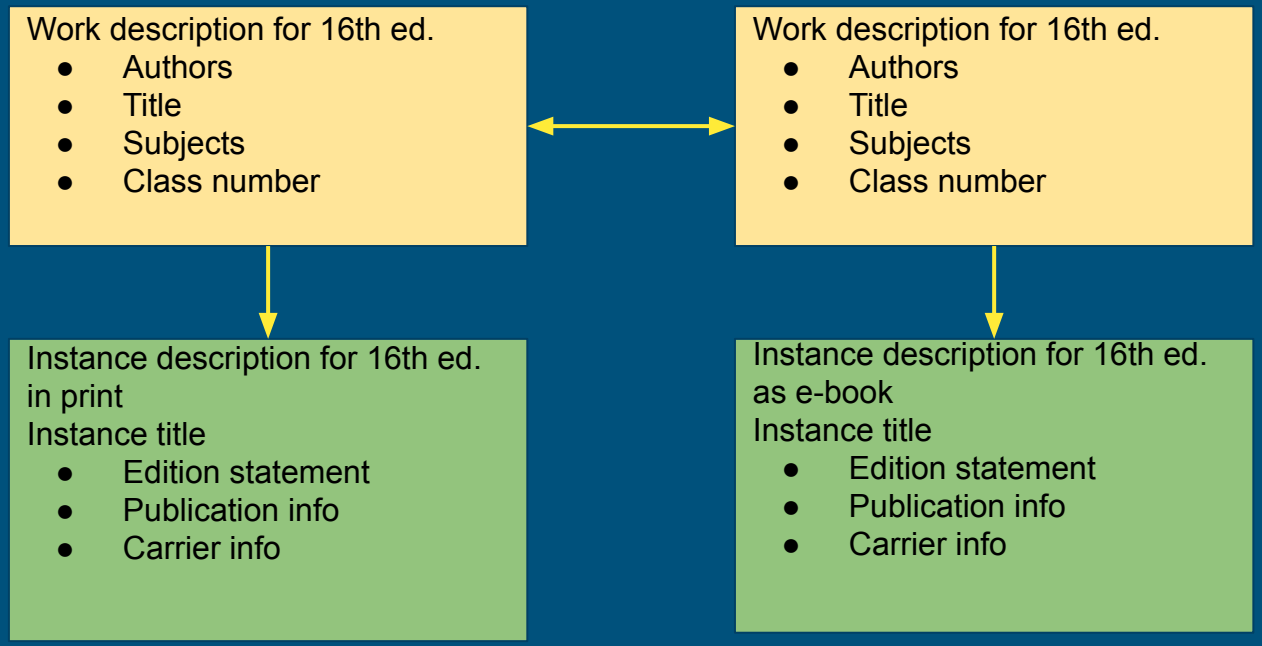
# Part 3: Broadening notions of copy cataloging

# Extended Copy Cataloging in Sinopia




- copy cataloging usually defined as using an already existing record unchanged
- "enhanced" copy cataloging defined as upgrading and/or adding to an existing record
- "derived original" cataloging defined as using existing copy to create a new record based on that copy
  - why bring this up here???

# Deriving an e-record from a book record...




Book

E-Book

# Deriving an e-record from a book record...

Work description for 16th ed.

- Authors
- Title
- Subjects
- Class number

Instance description for 16th ed.
in print
Instance title

- Edition statement
- Publication info
- Carrier info

Book

Instance description for 16th ed.
as e-book
Instance title

- Edition statement
- Publication info
- Carrier info

E-Book

# Extended Copy Cataloging in Sinopia

| | | | | |
|---|---|---|---|---|
| Psychology and life<br>https://api.stage.sinopia.io/resource/4b4f8054-6070-43a2-bd61-d803937e6c93<br>› Relationships | http://id.loc.gov/ontologies/bibframe/Work<br>http://id.loc.gov/ontologies/bibframe/Text | University of Alberta | Mar 6, 2022 | |
| Psychology and life<br>https://api.stage.sinopia.io/resource/cfcfc12f-3e4b-4619-ae56-de015b37250f<br>› Relationships | http://id.loc.gov/ontologies/bibframe/Instance<br>http://id.loc.gov/ontologies/bibframe/Print | University of Alberta | Mar 6, 2022 | |

view

copy

_PCC BF2 Instance (Monograph) INSTANCE

- Title Information •
- Statement of Responsibility •
- Edition Statement •
- Transcribed Provider Statement •
- Publication, Distribution, Manufacture, Production •
- Copyright Date •
- Series Statement
- Identifiers •
- Note about the Instance
- Extent •
- Dimensions •
- Mode of Issuance •
- Media type •
- Carrier type •
- Uniform Resource Locator for Resource
- Digital file type
- Encoding Format
- Related Manifestation
- Instance of •
- Has Item
- Administrative Metadata •

Class: Instance (http://id.loc.gov/ontologies/bibframe/Instance)

Optional classes:
- [ ] Electronic (http://id.loc.gov/ontologies/bibframe/Electronic)
- [ ] Manuscript (http://id.loc.gov/ontologies/bibframe/Manuscript)
- [x] Print (http://id.loc.gov/ontologies/bibframe/Print)

Title Information *

Title--Instance Title

+ Add another Title--Instance Title

*Property: Title (http://id.loc.gov/ontologies/bibframe/title)*
*Class: http://id.loc.gov/ontologies/bibframe/Title*

Main Title

*Property: http://id.loc.gov/ontologies/bibframe/mainTitle*
Enter a literal

Psychology and life ä en

+ Add another Main Title

+ Add **Subtitle**
+ Add **Part number**
+ Add **Part name**
+ Add **Note**

Title--Parallel Title

+ Add another Title--Parallel Title

*Property: Title (http://id.loc.gov/ontologies/bibframe/title)*
*Class: http://id.loc.gov/ontologies/bibframe/ParallelTitle*

+ Add **Parallel Title**
+ Add **Parallel Other Title Information**
+ Add **Parallel Part Number**
+ Add **Parallel Part Name**

Instance of

*Property: Instance of (http://id.loc.gov/ontologies/bibframe/instanceOf)*

URI: https://api.stage.sinopia.io/resource/4b4f8054-6070-43a2-bd61-d803937e6c93

Label: Psychology and life ä en

+ Add another Instance of

## Extent

+ Add another Extent

*Property: Extent (http://id.loc.gov/ontologies/bibframe/extent)*
*Class: http://id.loc.gov/ontologies/bibframe/Extent*

**Extent**

*Property: http://www.w3.org/2000/01/rdf-schema#label*
Enter a literal

1 online resource

ä en

+ Add another Extent

+ Add **Note**

## Dimensions

+ Add

## Mode of Issuance *

*Property: Mode of issuance (http://id.loc.gov/ontologies/bibframe/issuance)*

URI https://id.loc.gov/vocabulary/issuance/mono

Label Single unit

ä en

+ Add another Mode of Issuance

## Media type *

*Property: Media type (http://id.loc.gov/ontologies/bibframe/media)*

Select Media type

Select Media type
***media type***
audio
computer
microform
microscopic
other
projected
stereographic
unmediated
unspecified
video

+ Add another Carrier type

o language
specified

## Digital file type

### Digital file type

+ Add another Digital file type

*Property: http://id.loc.gov/ontologies/bibframe/digitalCharacteristic*
*Class: http://id.loc.gov/ontologies/bibframe/FileType*

**File type**

*Property: http://www.w3.org/2000/01/rdf-schema#label*

Enter your own URI and label

Enter lookup query for File type

ä

Lookup with: LOC file type [vocabularies] (QA)

## Encoding Format

### Digital encoding format

+ Add another Digital encoding format

*Property: http://id.loc.gov/ontologies/bibframe/digitalCharacteristic*
*Class: http://id.loc.gov/ontologies/bibframe/EncodingFormat*

**Digital encoding format**

*Property: http://www.w3.org/2000/01/rdf-schema#label*

Enter your own URI and label

pdf

ä

Lookup with: LOC encoding format [vocabularies] (QA)

Add "pdf" as literal or select from:

×

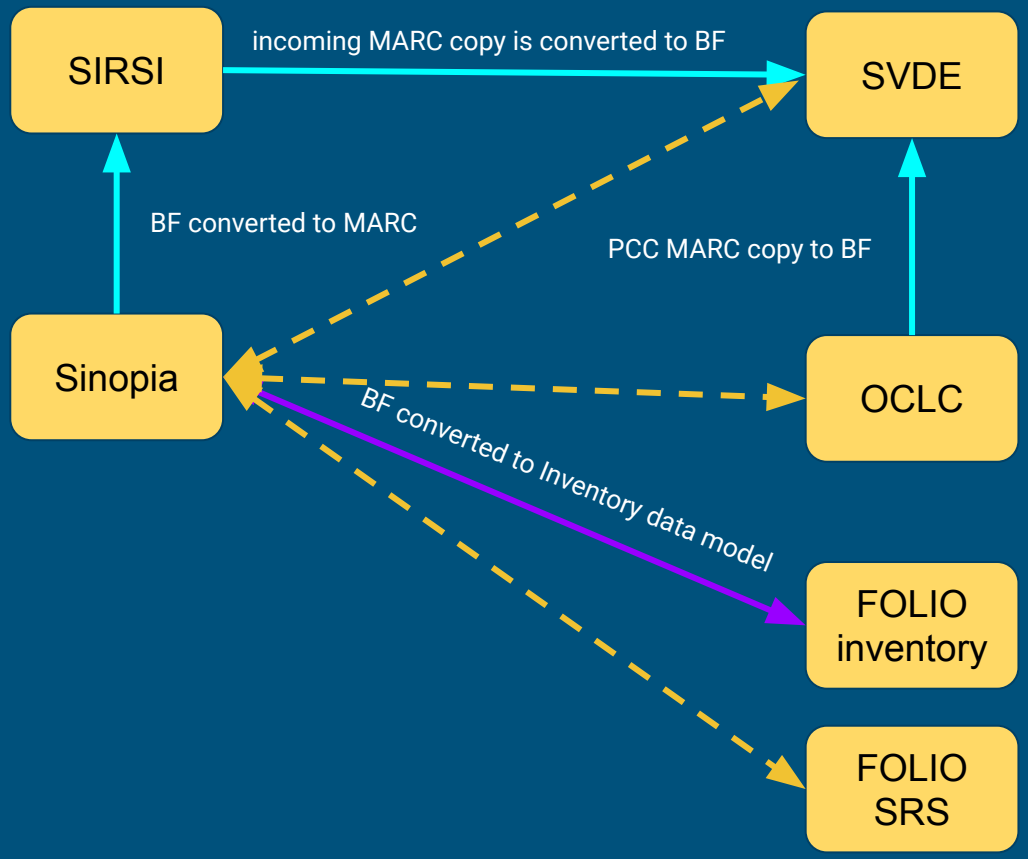
PDF file

# Part 4: Exporting & Importing BIBFRAME

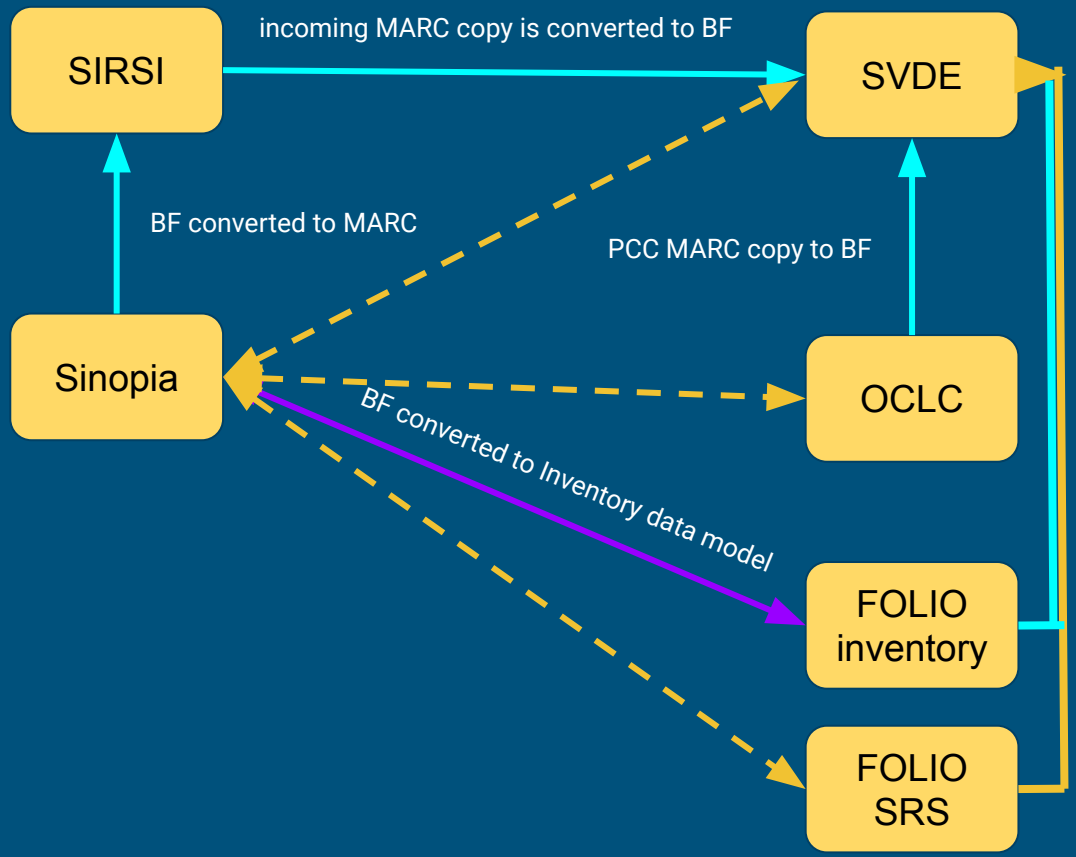
# Exporting & Importing BIBFRAME

- BF can be exported from Sinopia, both as individual descriptions & in bulk via an API
  - no user interface as yet
- Why?
  - OCLC & SVDE are not yet able to receive BF metadata from us
    - need metadata to test
    - resolution of data exchange issues
  - we are migrating library systems
    - BF would be a second SRS
      - quite possible to do, but we just aren't there yet
- Importing
  - can do it imperfectly with SVDE data and are aiming to use SVDE to catalog based on our acquisition records in MARC

# Sinopia Import & Export Workflows



# Sinopia Import & Export Workflows




MARC export

BF export (incomplete)

BF export to Inventory

# Part 5: Re-use

# Re-use vs Copying

- every workflow shown so far involves creating a copy or a copy + conversion
  - data syncing requires notifications & a method for updating individual copies
- ideally, we should be able to point at metadata we want to share, rather than creating a copy
  - in some cases we do this:
    - pointing to authority records
    - pointing to BF hubs and SVDE opuses
      - these are extensions to BF, that are still somewhat experimental
      - used more for collating related descriptions than description in itself
  - SVDE & OCLC working on ways to reconcile these copies as they are delivered to various data hubs
    - SVDE--Cluster Knowledge Base (CKB)--reconciles agents (including publishers), works, instances from various incoming metadata

# Final thoughts

- copy cataloging as we know it depends on a rich, compatible source of metadata contributed by a large number of participants
  - it took us 60-plus years to get to where we are today with MARC
- linked data offers potential flexibility in sharing & re-using our data, but we are still building out the infrastructure to take advantage of it, as are our linked data "nodes" of LC, OCLC, SVDE
- formalized data exchange amongst various linked data "nodes" is important

Thanks for listening!

nlorimer@stanford.edu