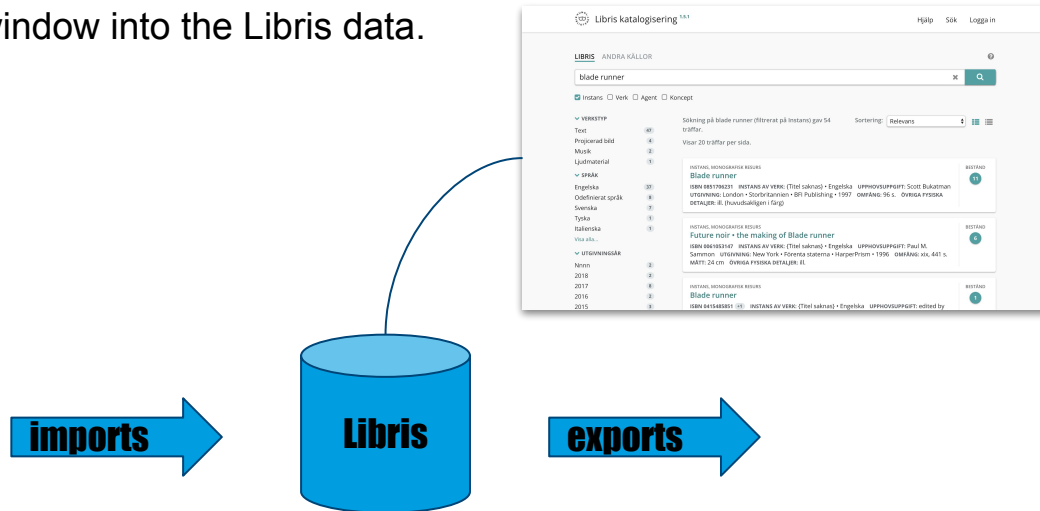


```
“hasTitle”: { “@type”: “Title”, “mainTitle”:  
“Editing JSON-LD at the National Library of Sweden”}
```

Niklas copying from Fredrik, Ola et al

The cataloging interface

- ❑ A web **application** to administrate bibliographic information, holdings and authorities.
- ❑ An unfiltered window into the Libris data.



Data Controlling The Editor

- ❑ The **vocabulary** describing the possible entities and their inheritance structure
- ❑ The **JSON-LD context** dealing with cardinality (**@set**, **@list**) and strings as id:s (dropdowns)
- ❑ **Lens definitions**, describing the properties needed to quickly identify a thing
- ❑ A general **template** layout

Vocabulary & definitions

<https://id.kb.se/vocab/> - presentation

The screenshot shows the website <https://id.kb.se/vocab/>. The page title is "KBs basvokabulär". Below the title, it says "Detta vokabulär fungerar som en central mappning till publika, välkända egenskaper och klasser." There is a list of "Classes" on the left side, including `marcActionNote`, `marcAddressEntry`, `marcAddressEntryGeographicName`, `marcAddressEntryHierarchicalPlace`, `marcAddressEntryIsomericIdent`, `marcAdditionalPhysicalFormAvail`, `marcAngularScale`, `marcAssociatedPlace`, `marcBib249`, `marcBib880`, `marcBib976`, `marcBiographyFicNote`, `marcBindingInformation`, `marcBindingInformationNote`, `marcBiographicalHistoricalData`, `marcCharacterSetPresent`, `marcClassificationNumbersAssign`, `marcCollectionClass`, `marcComplexSerialReferenceCh`, `marcCopyAndVersionIdentificatio`, `marcCountryOfProducingEntityFo`, `marcCountryOfPublishingProduct`, `marcCreationProductionCreditabl`, `marcCumulativeIndexFindingAids`, `marcDataQualityNote`, `marcDistributiveAndProduction`, `marcEnumeratedClass`, and `marcEnumeratedTerm`. The main content area shows "Classes" with a "Lokal anmärkning: Åtgärd" and "Base classes" including `StructuredValue`. Properties are listed as `marcisPrivate` with a note "Sekretessbelagd information" and type `xs:boolean`. In range of properties, `marcisActionNote` is linked to `Item`. A "marcAddressEntry" class is also visible at the bottom.

<https://github.com/libris/definitions> - code

The screenshot shows the GitHub repository for `libris/definitions`. The repository has 15 watchers, 4 stars, and 4 forks. The main content is a list of pull requests. The most recent pull request is #86, titled "Merge pull request #86 from libris/feature/vocabMaintenance", merged by hingsell 19 hours ago. Below the pull requests, there is a table of files in the `definitions / source /` directory, including `app`, `doc`, `marc`, `vocab`, `bibliographies.jsonld`, `construct-countries.rq`, `construct-languages.rq`, `construct-loc-language-data.rq`, `construct-rda-terms.rq`, `construct-relators.rq`, `tunkitensokoder.tsv`, `generators.ttl`, and `identifiers.ttl`, each with a brief description and a commit date.

Lens definitions: Cards, Chips & Full

- ❑ The user has a need to identify things by a (rather small) subset of its properties.
- ❑ Every type has different identifying properties. (Describing a person vs describing a book)

ELEKTRONISK, MONOGRAFISK RESURS

Borderlands 2 • TV-spel (Playstation 3)

IDENTIFIER 5026555407625 • EAN INSTANS AV VERK: {Titel saknas} • Engelska BÄRARTYP: Optisk skiva (CD-A, CD-R, CD-ROM)

UTGIVNING: [London] • 2K • 2012 • cop. 2012 OMFÅNG: 1 Blu-ray Disc ÖVRIGA FYSISKA DETALJER: ljud, färg TILLSAMMANS MED: handledning 8 s. :

Borderlands 2 • TV-spel (Playstatio...

Presentation of properties for a person.

```
"Person": {  
  "@id": "Person-chips",  
  "@type": "fresnel:Lens",  
  "classLensDomain": "Person",  
  "showProperties": [ "familyName", "givenName", "name",  
"marc:numeration", "marc:titlesAndOtherWordsAssociatedWithAName",  
"marc:fullerFormName", "lifeSpan" ]  
},
```

INSTANCE ADMIN METADATA

INSTANCE OF

- Text:
 - CONTRIBUTOR AND ROLE
 - Primär medverkan:
 - ASSOCIATED AGENT
 - Jansson • Tove • 1914-2001
 - Medverkan: Pietilä Tuulikki 1917-2009
 - LANGUAGE INFORMATION
 - Svenska
 - GENRE/Form
 - Ej skönlitterärt verk • 0 • marc
 - LITTERÄR GENRE, MARC
 - id.kb.se/marc/NotFictionNotFurtherSpecifi...
 - Ej skönlitterärt verk, 0
 - Klassifikation:
 - CODE
 - Gcdz Jansson, Tove
 - INSCHEME
 - Konceptsystem: kssb
 - Klassifikation: Ibz Pietilä, Tuulikki • kssb
 - Klassifikation: Lz
 - SUBJECT
 - Jansson • Tove • 1914-2001
 - Person: Pietilä • Tuulikki • 1917-2009
 - MARC:HASBIB976
 - SAB-rubrik (976): {Namnlös}



ADD ENTITY | ENTITY ⓘ

själv

Show Föreslagna typer

- TYP AV GENRE FÖR TEXT TILL LJUDUPPTAGNI... id.kb.se/marc/Autobiography
 - Självbiografi, Självbiografisk text, a
 - ExactMatch http://id.loc.gov/vocabulary/marcgt/aut
- OFFENTLIG RESURS, MARC-T... id.kb.se/marc/AutonomousOrSemiAutono...
 - Självständig del av en stat, a
 - ExactMatch http://id.loc.gov/vocabulary/marcgt/gov

Skapa lokal titet:

Templates

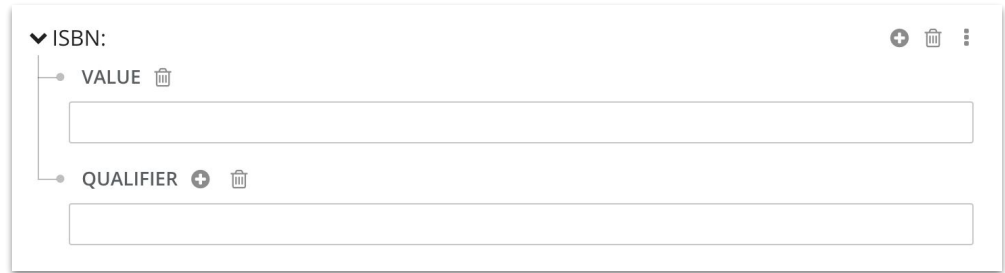
- ❑ **Defining properties for a workflow**
- ❑ Instance level with a local work
- ❑ Just Json-LD structures
- ❑ Based on RDA workflows
- ❑ Involving experts of the domain
- ❑ Can be used for
 - ❑ Creating new from scratch
 - ❑ As overlay to existing descriptions

```
{  
  "instance": {  
    "audiobook": {  
    "movie": {  
    "music-cd": {  
    "printedCartograph": {  
    "printedMonographText": {  
      "label": "Bok",  
      "description": "Tryckt monografi - RDA",  
      "value": {  
        "record": {  
          "mainEntity": {  
            "@id": "https://id.kb.se/TEMPID#it",  
            "@type": "Instance",  
            "issuanceType": "Monograph",  
            "hasTitle": [{  
              "@type": "Title",  
              "mainTitle": "",  
              "subtitle": ""  
            }  
          ],  
          "responsibilityStatement": "",  
          "identifiedBy": [{
```


Snippets

predefined forms - mini “templates” of entities

```
"ISBN": {  
  "@type": "ISBN",  
  "value": "",  
  "qualifier": [""]  
}
```



The screenshot shows a user interface for editing an ISBN entity. At the top, there is a dropdown menu labeled 'ISBN:' with a plus sign, a trash icon, and a vertical ellipsis icon. Below this, there are two main sections: 'VALUE' and 'QUALIFIER'. The 'VALUE' section has a single text input field. The 'QUALIFIER' section has a plus sign and a trash icon, followed by a text input field.

- ❑ Used for structured values and Local entities (non-linked)
- ❑ Gives control over dataforms, but for now can only be created once per entity



INSTANCE ADMIN METADATA

INSTANCE OF

Text:

CONTRIBUTOR AND ROLE

Primär medverkan:

ASSOCIATED AGENT

Jansson • Tove • 1914-2001

Medverkan: Pietilä Tuulikki 1917-2009

LANGUAGE INFORMATION

Svenska

GENRE/Form

Ej skönlitterärt verk • 0 • marc Självbiografi, Självbiografisk text

CLASSIFICATION

DDK-klassifikation: 839.7374 • full

Klassifikation:

CODE

Gcdz Jansson, Tove

INSCHEME

Konceptsystem: kssb

Klassifikation: Ibz Pietilä, Tuulikki • kssb

Klassifikation: Lz

SUBJECT

Jansson • Tove • 1914-2001

Person: Pietilä • Tuulikki • 1917-2009

MARC:HASBIB976

SAB-rubrik (976): {Namnlös}

SAB-rubrik (976): {Namnlös}



- Expand all (Alt+Plus)
- Collapse all (Alt+Minus)
- Make copy (⌘+⌘+C)
- Download compiled MARC21
- Download JSON-LD
- Preview MARC21 (Alt+P)
- Remove Instance

| Tag | I1 | I2 | Subfield data |
|-----|----|----|--|
| 000 | | | cam a a 4500 |
| 001 | | | 7149593 |
| 005 | | | 20140610120505.0 |
| 008 | | | 011211s1996 sw 000 0aswe |
| 020 | | | #a 9100563226 #q inb. #c 310:00 |
| 035 | | | #9 9100563226 |
| 040 | | | #a NB #e a |
| 041 | | | #a swe |
| 042 | | | #9 BULB |
| 082 | 0 | 4 | #a 839.7374 #2 23/swe |
| 084 | | | #a Lz |
| 084 | | | #a Gcdz Jansson, Tove #2 kssb/6 |
| 084 | | | #a Ibz Pietilä, Tuulikki #2 kssb/6 |
| 100 | 1 | | #a Jansson, Tove, #d 1914-2001 #0 https://libris-dev.kb.se/wt79bh6f2j46dtr#it |
| 245 | 1 | 0 | #a Anteckningar från en ö / #c Tove Jansson, Tuulikki Pietilä. |
| 264 | | 1 | #a Stockholm : #b Bonnier, #c 1996 |
| 264 | | 3 | #a Finland |
| 300 | | | #a 102, [1] s. #b ill. #c 25 cm |

Editor? IDE?



- What additional features in this new environment will assist cataloguers with their ability to efficiently, yet richly, describe library resources?
- Must we edit RDF-resource-by-RDF-resource, which may be inefficient for cataloguers, or can we edit by RDF graph, which is technologically more challenging?
- If by graph, what are the challenges of scoping the graph we load into an editor and how we save it back, i.e. deleting/replacing the edited graph?
- What is the best use of profiles? What do you do with descriptive elements (triples) belonging to a graph that do not match your edit profile?
- What are the complications of editing a description that started as MARC and therefore has no explicit profile?