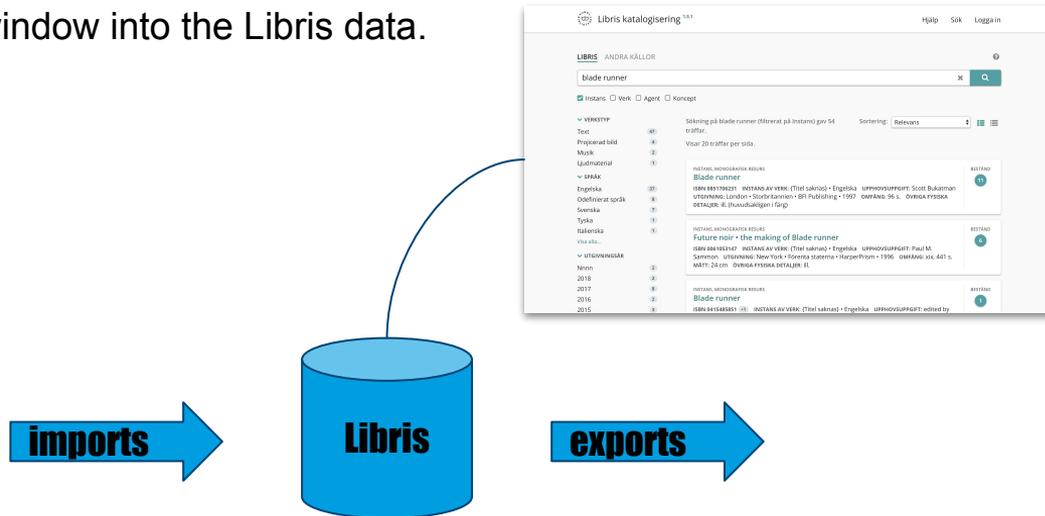


```
“hasTitle”: { “@type”: “Title”, “mainTitle”:  
“Editing JSON-LD at the National Library of Sweden”}
```

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.

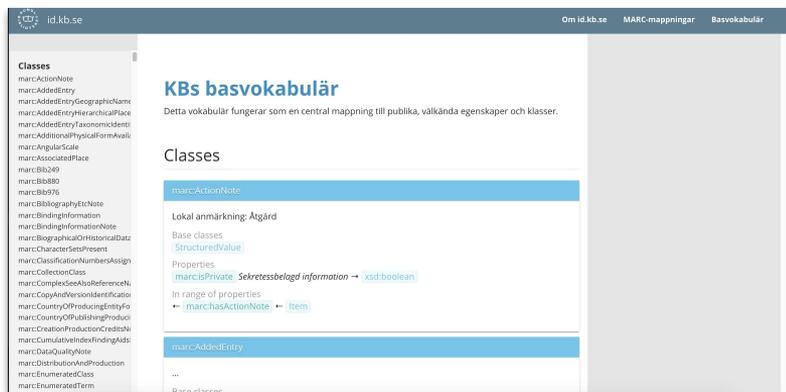


Data Controlling The Editor

- ❑ 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

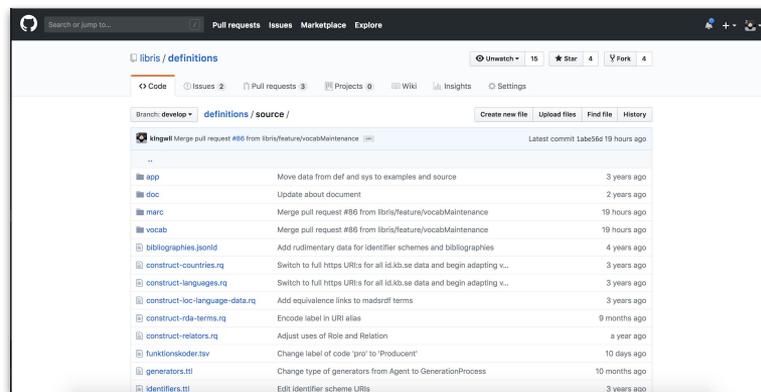
Vocabulary & definitions

<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 states: "Detta vokabulär fungerar som en central mappning till publika, välkända egenskaper och klasser." The page lists various classes under the heading "Classes", including `marcActionNote`, `marcAddressEntry`, `marcAdditionalEntry`, `marcAdditionalEntryHierarchicalPlace`, `marcAdditionalEntryIsomericIdent`, `marcAdditionalPhysicalFormAvail`, `marcAngularScale`, `marcAssociatedPlace`, `marcBib249`, `marcBib880`, `marcBib976`, `marcBiographyFicNote`, `marcBindingInformation`, `marcBindingInformationNote`, `marcBiographicalHistoricalData`, `marcCharacterSetPresent`, `marcClassificationNumbersAssign`, `marcCollectionClass`, `marcComplexObjectReferenceCh`, `marcCopyAndVersionIdentificatio`, `marcCountryOfProducingEntityFo`, `marcCountryOfPublishingProduct`, `marcCreationProductionCreditNo`, `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 `xsd:boolean`) and "In range of properties" including `marchasActionNote` and `Item`.

<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. The list of pull requests includes:

- `app`: Move data from def and sys to examples and source (3 years ago)
- `doc`: Update about document (2 years ago)
- `marc`: Merge pull request #86 from libris/feature/vocabMaintenance (19 hours ago)
- `vocab`: Merge pull request #86 from libris/feature/vocabMaintenance (19 hours ago)
- `bibliographies.jsonld`: Add rudimentary data for identifier schemes and bibliographies (4 years ago)
- `construct-countries.rq`: Switch to full https URIs for all id.kb.se data and begin adapting v... (3 years ago)
- `construct-languages.rq`: Switch to full https URIs for all id.kb.se data and begin adapting v... (3 years ago)
- `construct-loc-language-data.rq`: Add equivalence links to madsrdf terms (3 years ago)
- `construct-rda-terms.rq`: Encode label in URI alias (9 months ago)
- `construct-relators.rq`: Adjust uses of Role and Relation (a year ago)
- `funktionskoder.tsv`: Change label of code 'pro' to 'Producent' (10 days ago)
- `generators.ttl`: Change type of generators from Agent to GenerationProcess (10 months ago)
- `identifiers.ttl`: Edit Identifier scheme URIs (3 years ago)

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?