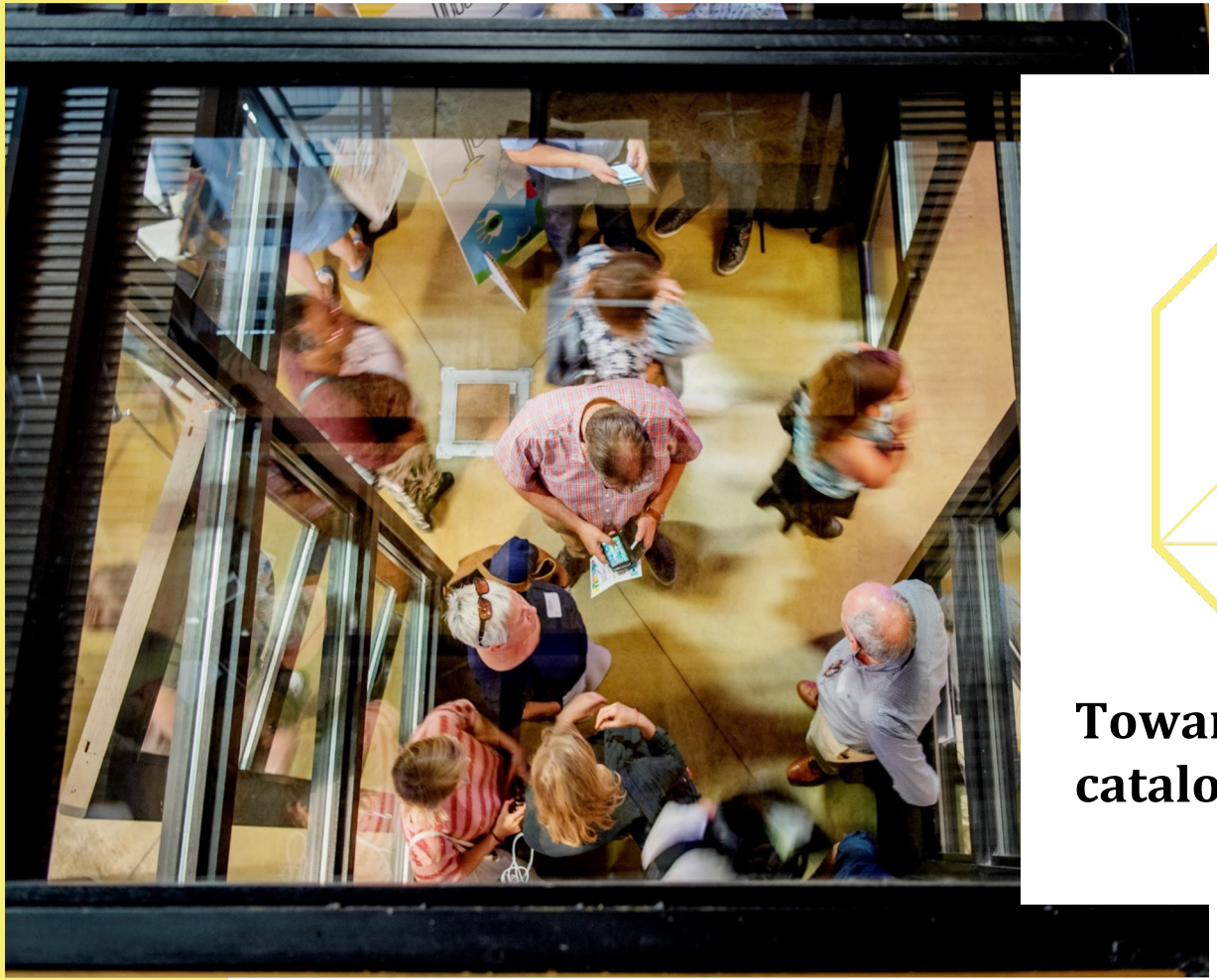


Towards a new way of cataloging in Flanders

Cultuurconnect

Partner of…

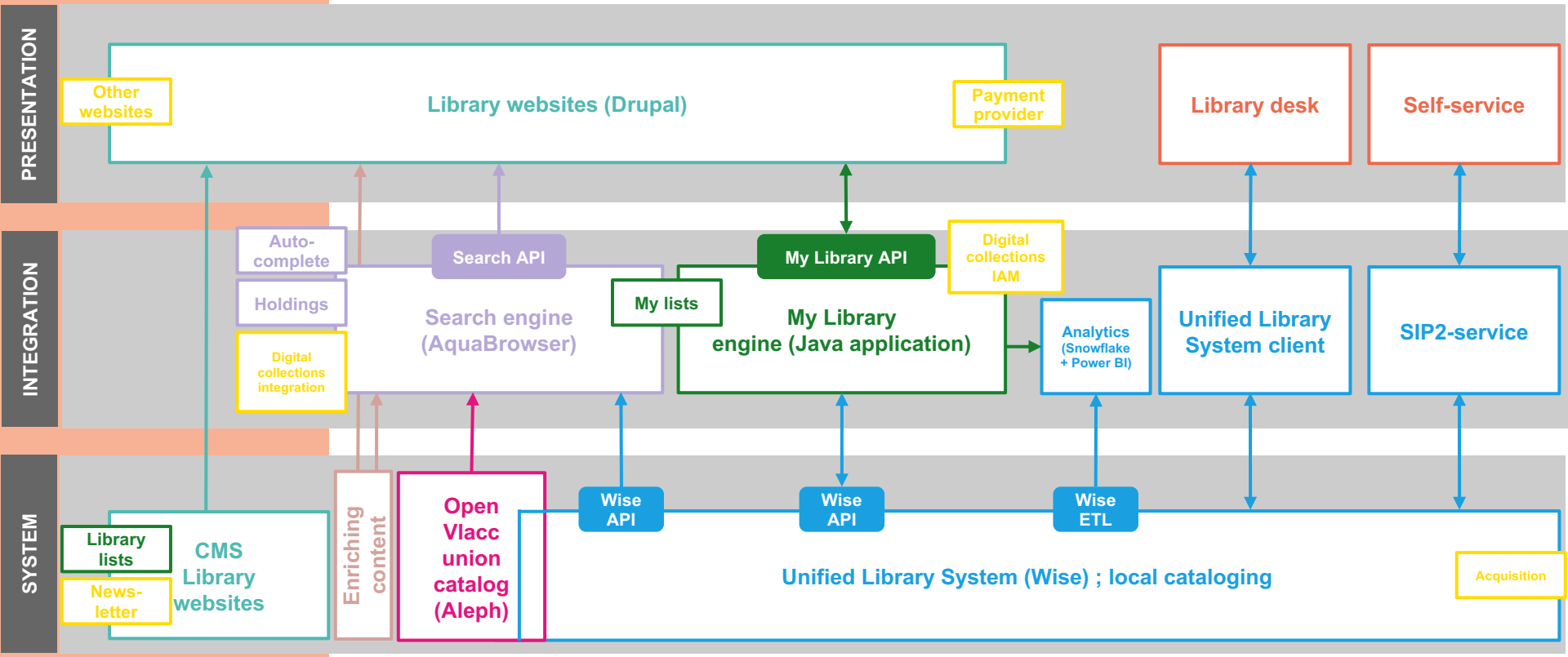
Public libraries

Performing art centers

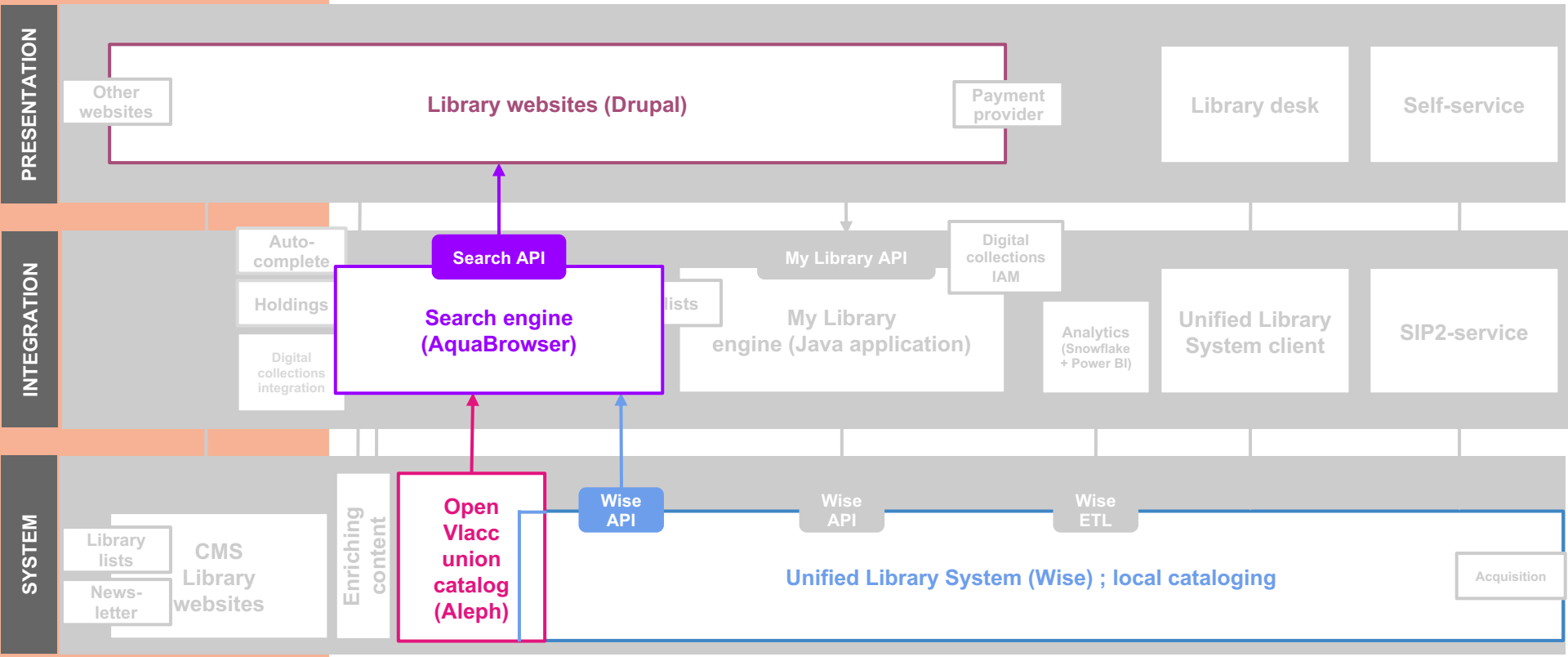
Local governance

… for digital innovation.

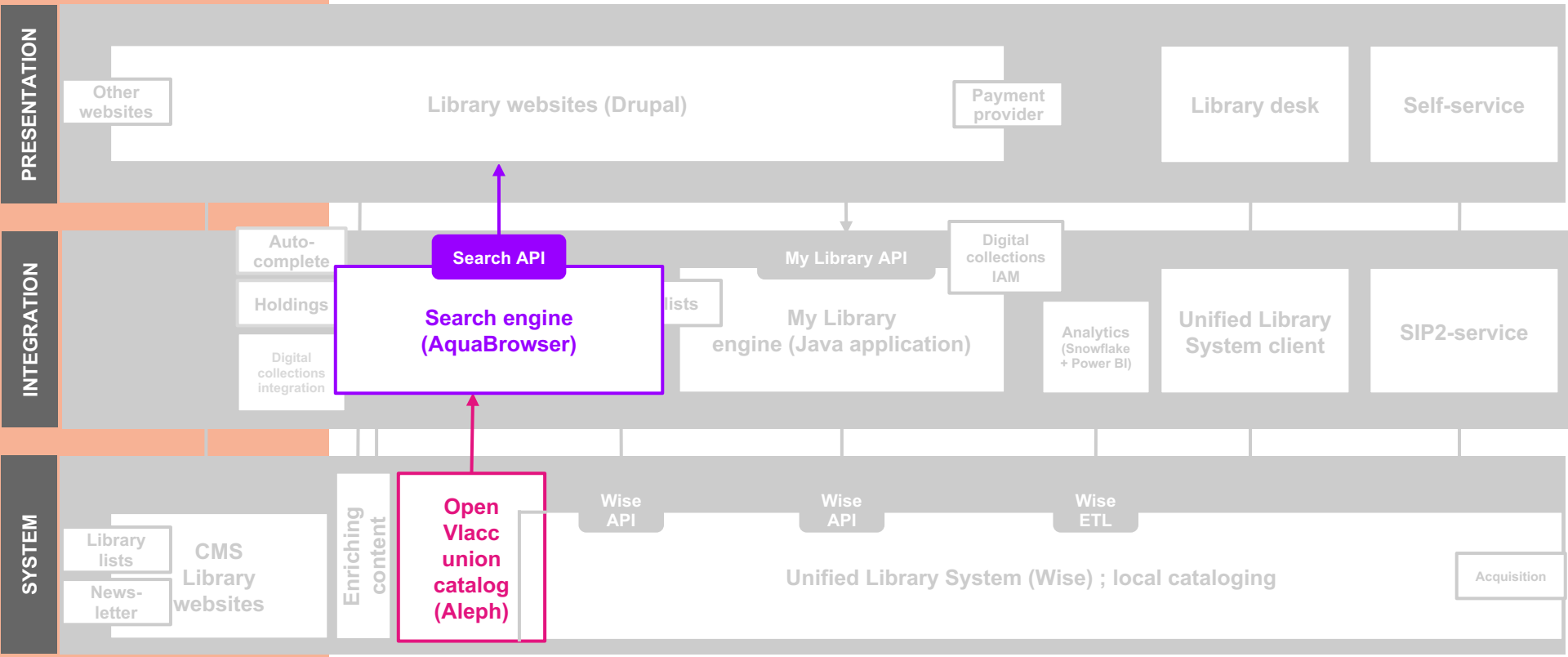
Public library architecture in Flanders



Focus of this project



Replacement of



Central cataloging in Flanders

nightly exports

SYSTEEM

Content enrichment

Open Vlacc
(= central cataloging system)

ILS
(= local cataloging)

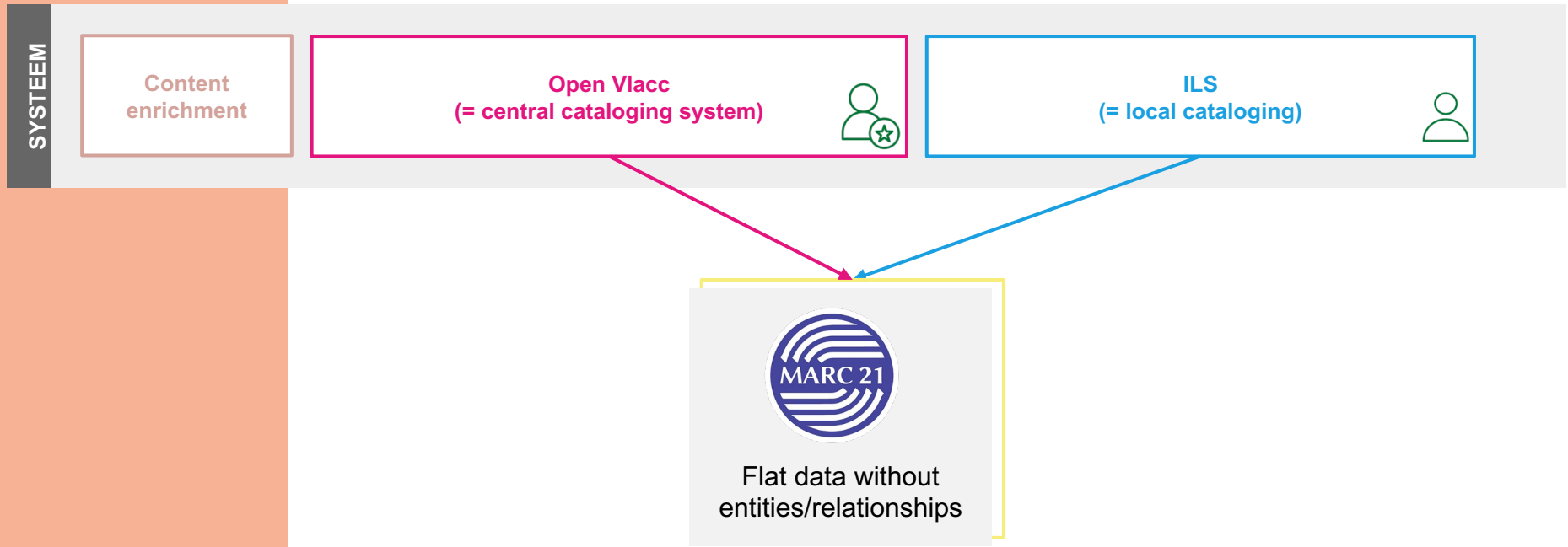
6 largest public libraries

Cultuurconnect
Team Metadata Cultuurconnect

4 additional expert libraries (since 2023)

All public libraries

Central cataloging in Flanders



FRABL-key

Algorithm to create a work-level

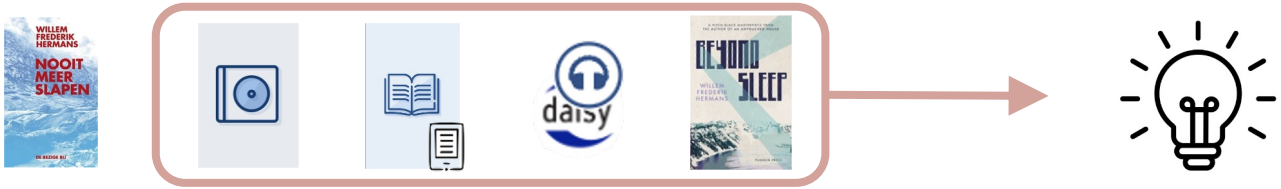
Creation of relationships

Since 2015

Match = same title, author, format, language, publishing year (local vs. central records)

Cluster = same title, author, format, language, but **different publishing year**

Suggest = same title, author, but **different format and/or language**

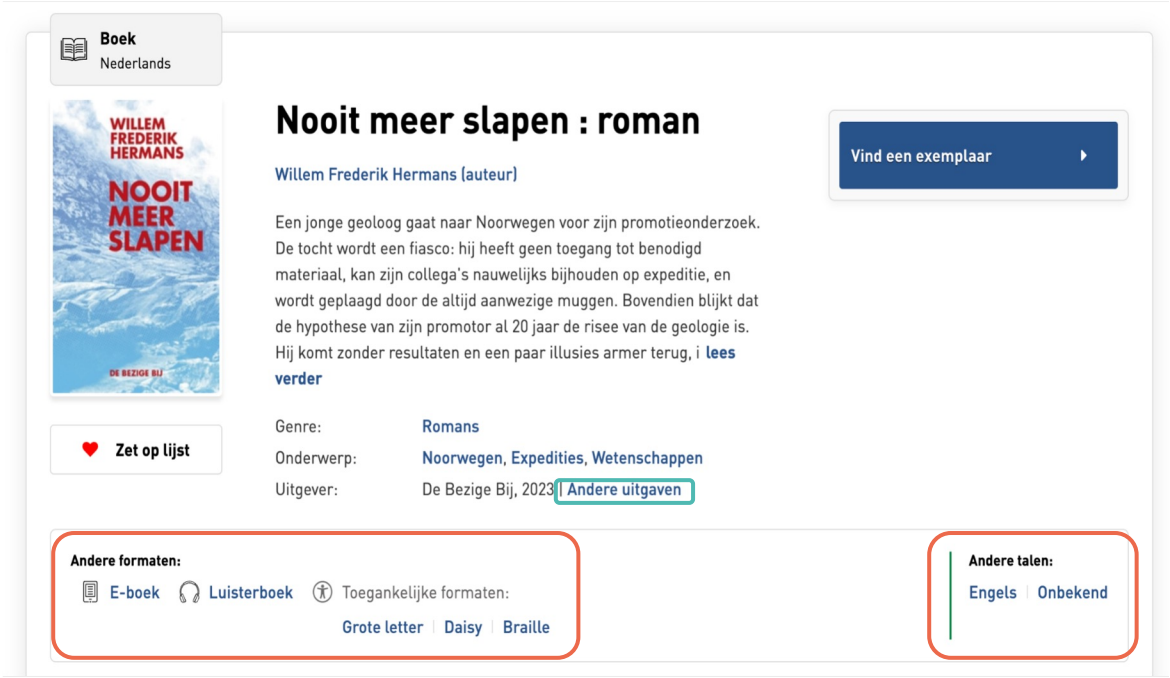


Public catalog

LRM in the OPAC

Clustering

Suggestions



Our catalogers in action

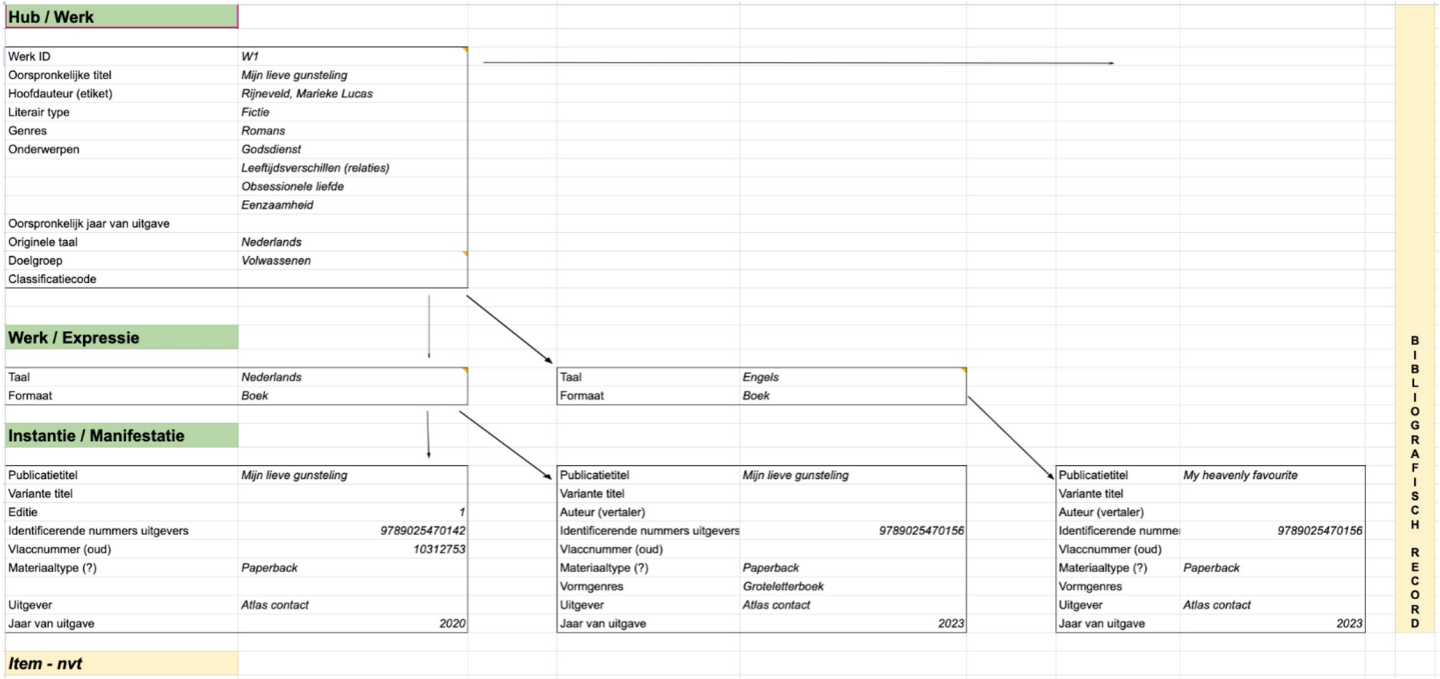
Our catalogers at work...

We can do better!

LRM in our data-structure

More efficiency

Richer UI



Let’s experiment and see what’s possible

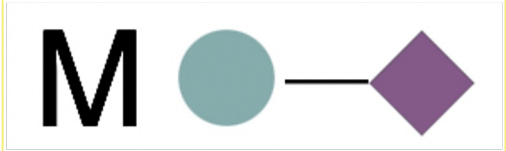
Market exploration

Pilot with Triply

inuits
OPEN SOURCE INNOVATORS

Pilot with Inuits

Testing linked data open source cataloging systems



Libris XL

Marva

Sinopia

From MARC21 to triples

RDA

Data conversion

Agile

```
035  __  a  9789025470142
035  __  a  BBA000289226
040  __  a  BoekenBank
         b  dut
         c  Open Vlacc
096  __  9  301
         a  Literaire roman, novelle
100  __  a  Rijneveld, Marieke Lucas
         d  1991-
         4  aut
245  0   a  Mijn lieve gunsteling
         b  roman
         h  BOEK
260  __  a  Amsterdam
         b  Uitgeverij Atlas Contact
         c  2020
300  __  a  363 p.
365  __  b  24.99
         c  EUR
521  __  a  volwassenen
650  __  a  Romans
         9  vge
650  __  a  Godsdienst
         9  vth
650  __  a  Leeftijdsverschillen (relaties)
         9  vth
650  __  a  Obsessionele liefde
         9  vth
650  __  a  Ontwikkelingsromans
         9  vge
650  __  a  Eenzaamheid
         9  vth
650  __  a  Platteland
         x  Nederland
```

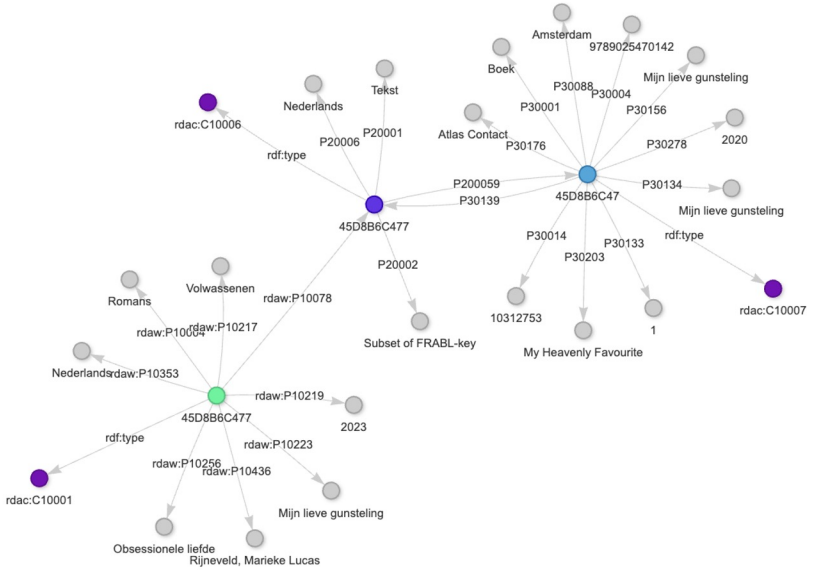
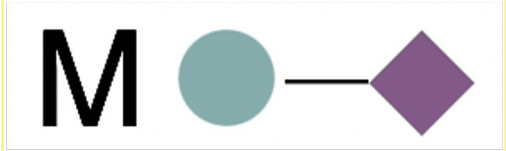


figure 1 Network visualization of the example.

Testing linked data open source cataloging systems



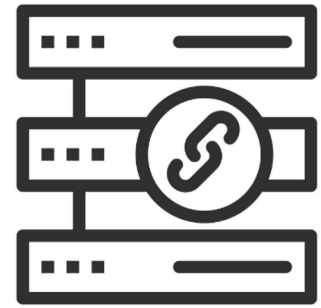
Libris XL

Marva

Sinopia

A closer look at Sinopia

SINOPIA

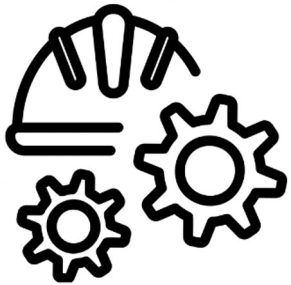


Sinopia

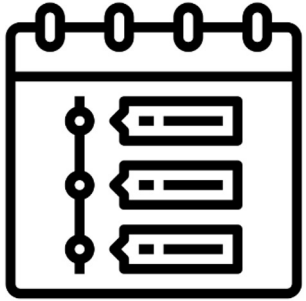
Connecting Triple store

Development data editor

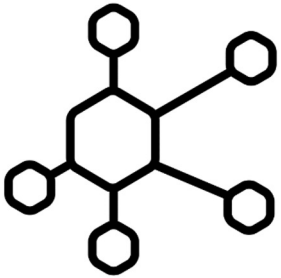
Lessons learned



Open source ≠ open development



Different timelines



Entity/relationship = the way to go

Testing linked data
open source
non-cataloging system

inuits
OPEN SOURCE INNOVATORS

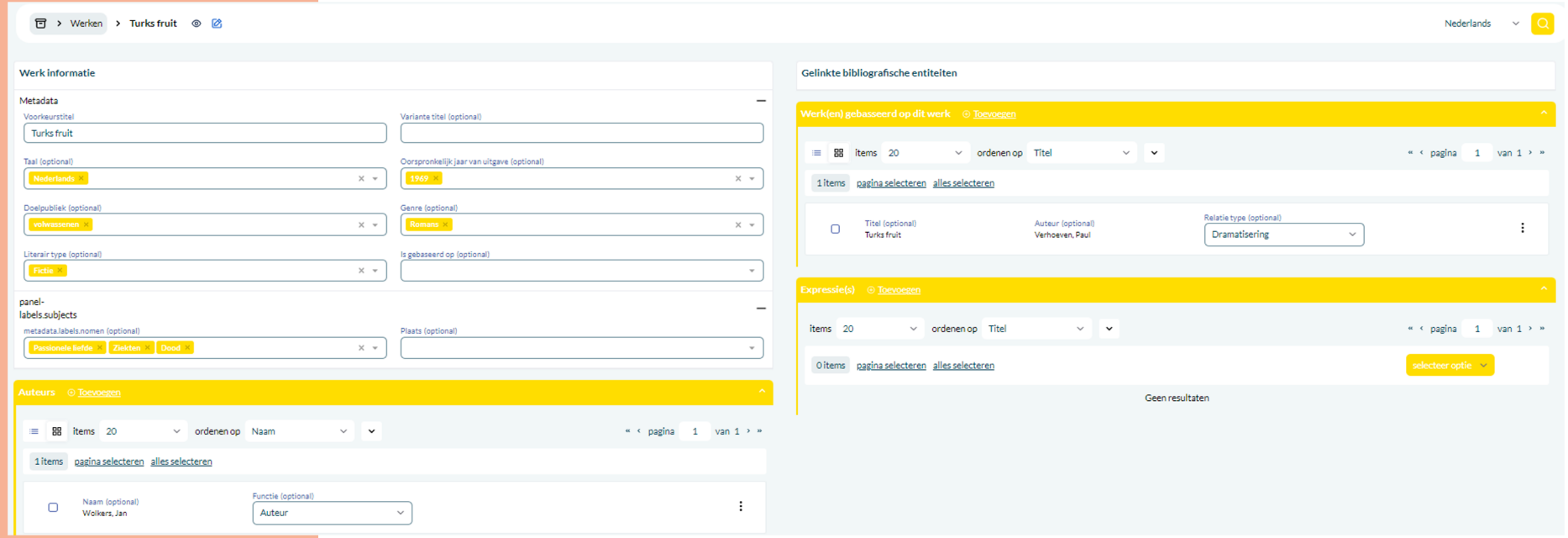
Police vehicles database

DAMS for cultural heritage

Open Vlacc de Bib

Central cataloging for public libraries?

Results of this experiment

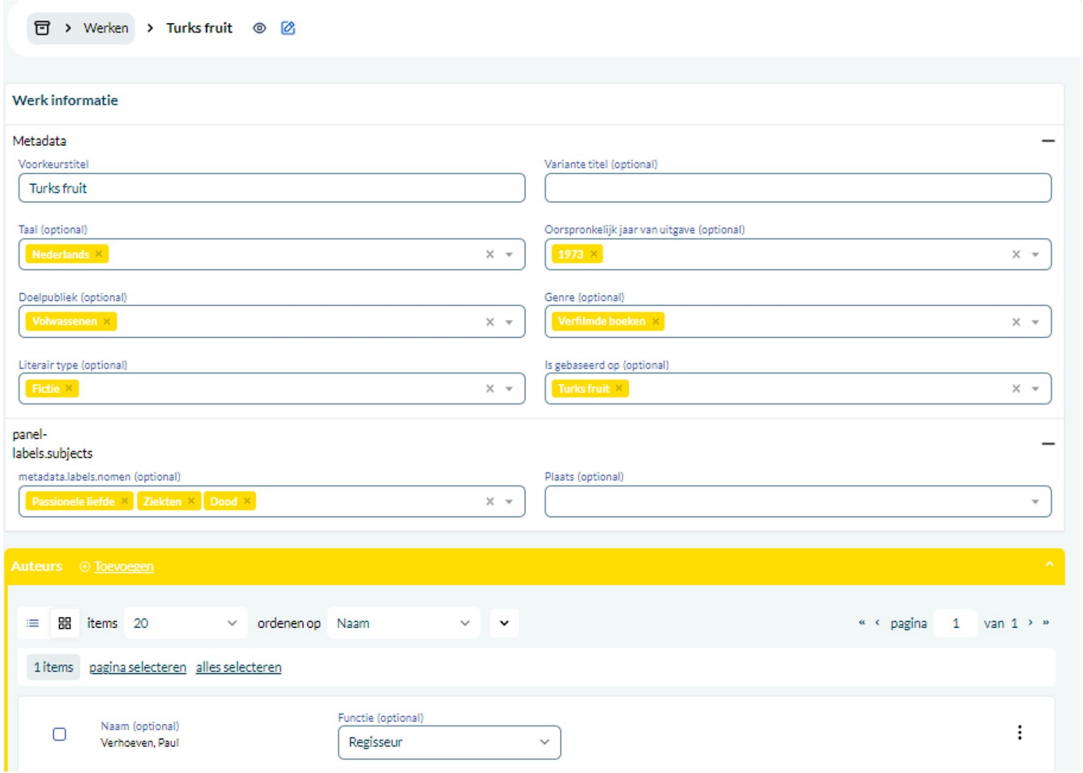


Results of this experiment

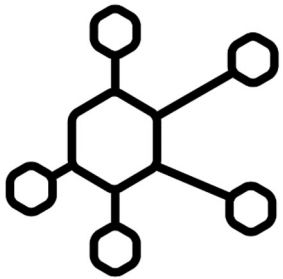
Knowledge of the system

Workflow based

Visible relationships in UI

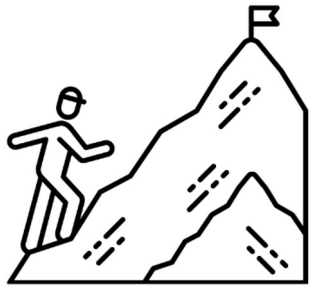


Lessons learned



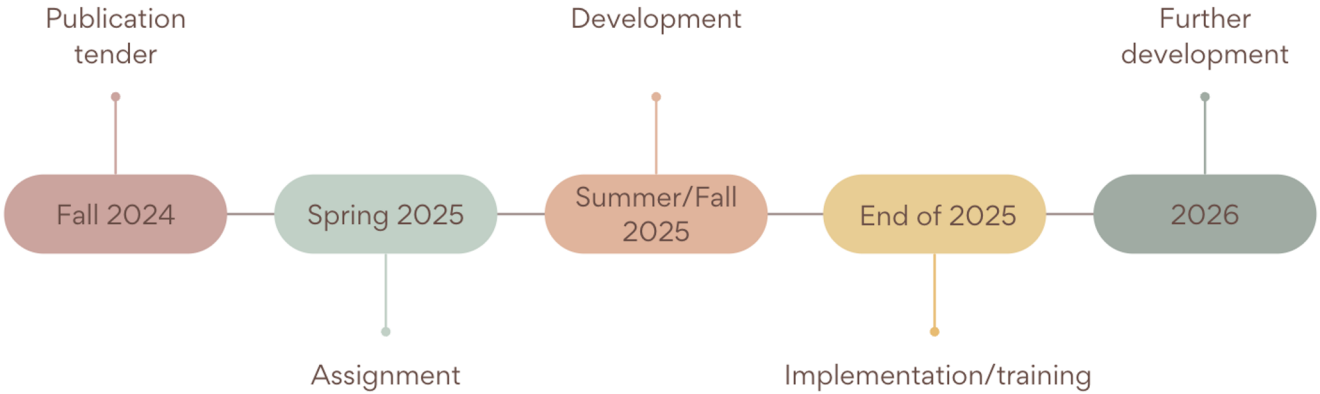
Entity/relationship = the way to go

Ecosystem thinking



Ambitious project

Further steps



We would like to hear from…

you

Flemish public libraries

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lynn.vankerckhove@cultuurconnect.be

Tips

Feedback

Collaboration