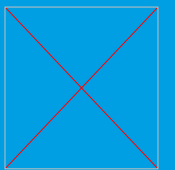


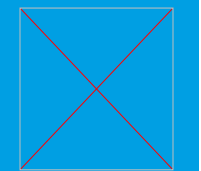
Modelling Shared Print Actions as Linked Data

Andreas Andersson
National Library of Sweden



Agenda

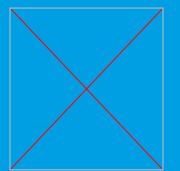
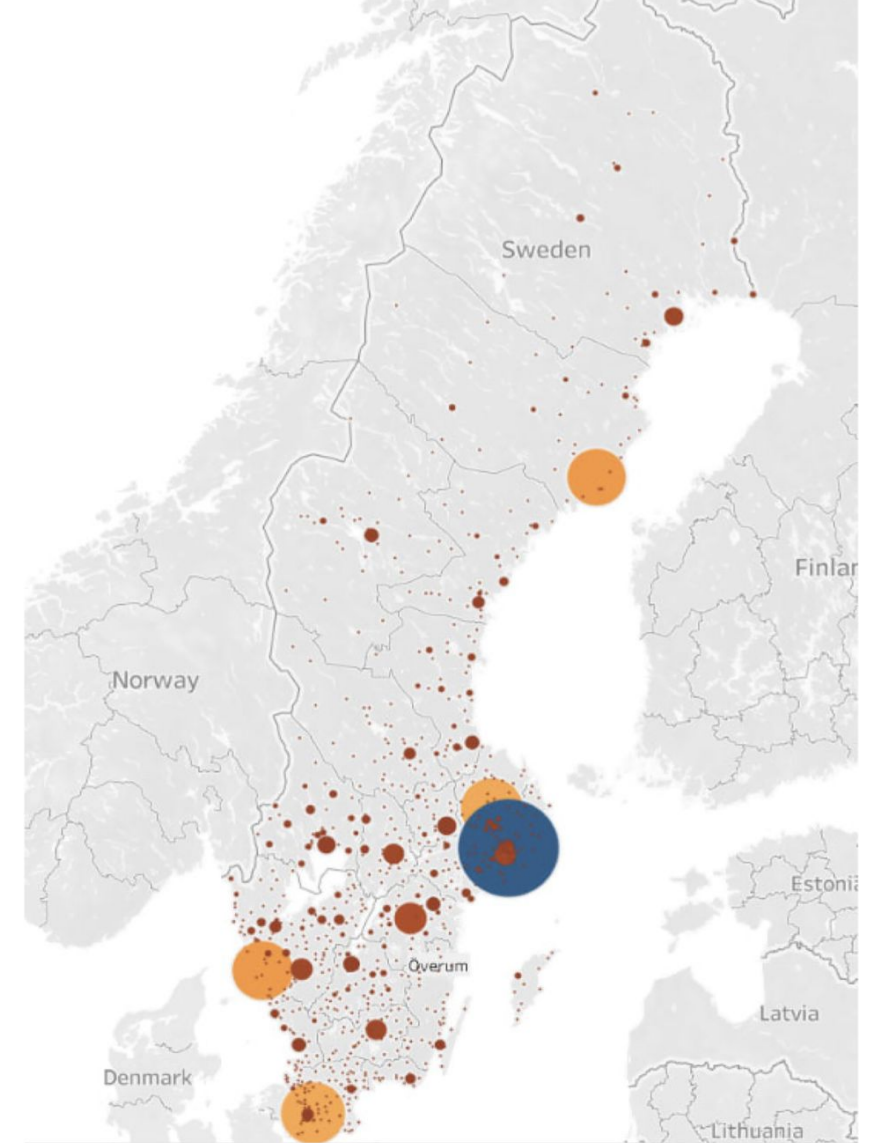
- What is shared print?
- Shared print actions in MARC 21
- What is an action?
- Shared print actions terminology
- Shared print actions as linked data



Shared Print Programs

- Ensure **long-term preservation** and access
- National coordination and shared infrastructure
- Collective collections
- Retention commitments
- HathiTrust, Shared Print Sweden

"Shared print collections are often distributed across many local collections and exist only as data constructs, not as physically consolidated collections." (OCLC)



MARC 583

583 - Action Note (R)

MARC 21 Holdings - Full

October 2005

First Indicator

Privacy
- No information provided
0 - Private
1 - Not private

Second Indicator

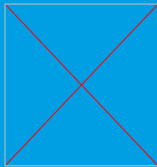
Undefined
- Undefined

Subfield Codes

\$a - Action (NR)
\$b - Action identification (R)
\$c - Time/date of action (R)
\$d - Action interval (R)
\$e - Contingency for action (R)
\$f - Authorization (R)
\$h - Jurisdiction (R)
\$i - Method of action (R)
\$j - Site of action (R)
\$k - Action agent (R)
\$l - Status (R)

\$n - Extent (R)
\$o - Type of unit (R)
\$u - Uniform Resource Identifier (R)
\$x - Nonpublic note (R)
\$z - Public note (R)
\$2 - Source of term (NR)
\$3 - Materials specified (NR)
\$5 - Institution to which field applies (NR)
\$6 - Linkage (NR)
\$8 - Field link and sequence number (R)

- "Action" note
- Processing, solicitation, **preservation**, digitisation
- *Preservation & Digitization Actions: Terminology for the MARC 21 Field 583 (2004)*
- *Shared Print Actions: Terminology for MARC 21 Field 583 (2024)*



Shared Print Actions (SPA Terminology)

- Actions

- Committed to retain
- Completeness reviewed
- Condition reviewed
- Confirmed scarcity
- Metadata reviewed
- Transferred to optimal storage

Action
?
Policy?
Event?

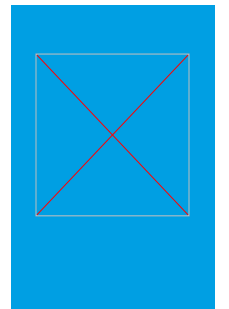
- declarative
- analytical
- analytical
- analytical (outcome)
- analytical
- operational

- Method of action

- Page level
- Issue level
- Institution level
- National level

- Status

- Insect damaged
- Stained
- Torn
- Undamaged
- Incomplete
- Lost
- 5 or fewer copies
- Last copy



SPA modelling options

Aspects

- Differences

- Collectiveness

- Preservation

- Shared print

- Actions

<item> bf:heldBy <NationalLibraryOfSweden>;

:hasRetentionPolicy [

:status <committed-to-retain>;

:agent <HathiTrust>].

<item> bf:heldBy <NationalLibraryOfSweden>;

:isPartOfDistributedCollection [

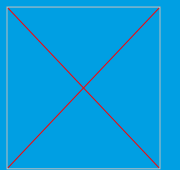
:status <committed-to-retain>;

:agent <HathiTrust>].

:hasPreservationActivity

:hasSPAStatement

:hasItemAction

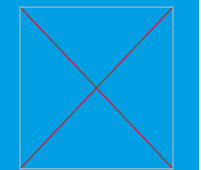


kbv:hasItemAction

```
<item> bf:heldBy <NationalLibraryOfSweden>;  
  :hasItemAction [ a :ItemAction;  
    :category <committed-to-retain>;  
    :startDate "2026-09-09";  
    :agent <SPS> ].
```

```
<committed-to-retain> a :ItemActionCategory;  
  :code "aa".
```

```
:hasItemAction a owl:ObjectProperty;  
  rdfs:label "has item action"@en;  
  rdfs:domain :Item;  
  rdfs:range :ItemAction;  
  skos:related <http://id.loc.gov/vocabulary/mnotetype/action>.
```



Conclusions

- Action as the common starting point
- Semantics in the data, not in the model
- Flexibility and scalability
- Compatibility with SPA/MARC 21
- Actions as entities, not notes
- A need to review item/holding entities

