



Cinema Context and the EYE Poster Project

Linking Cinema Context with with the EYE film poster collection

Leon van Wissen, l.vanwissen@uva.nl

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UNIVERSITY OF AMSTERDAM
Faculty of Humanities



creative
Amsterdam
an E-Humanities
perspective

Corpus

- **Cinema Context**

- <https://cinemacontext.nl/>
- Available as RDF: <https://uvacreate.gitlab.io/cinema-context/cinema-context-rdf/>
- schema.org vocabulary
- SPARQL-endpoint: <https://data.create.humanities.uva.nl/sparql>
 - graph-uri: <<https://data.create.humanities.uva.nl/id/cinemacontext/>>

Let's take a [look at the data...](#)

- **EYE Poster collection**

- Available in *The Memory* (KB, Library of the Netherlands) [=Het Geheugen]



The Memory [=Het Geheugen]

The Memory Database (<https://geheugen.delpher.nl/>)

Online heritage collections – paintings, drawings, stamps, posters and photographs

- Specific for the EYE Museum Collection:
 - Poster Project: <https://geheugen.delpher.nl/en/geheugen/pages/collectie/Afficheproject/Collectie+EYE>



"The earliest poster dates back to 1896 and the collection is still being expanded on a daily basis with contemporary material. The 6000 posters on the website The Memory constitute the main part of the film posters designed in the Netherlands."

By linking these datasets

**Can we create a virtual
poster wall?**



Step 1: Obtain the data from The Memory

- Search on "Eye AND afficheproject"
 - <https://geheugen.delpher.nl/nl/geheugen/results?query=Eye+AND+afficheproject&maxperpage=36&coll=ngvn&page=1>
- Scrape/harvest the page's source
 - Get all meta-data for every tile

<https://gitlab.com/uvacreate/cinema-context/hackalod-2020>

JSON

```
"urn:gvn:NAGO02:EYE-A33169": {  
  "title": "Tartuffe",  
  "caption": " ",  
  "volumeRemark": " ",  
  "seq": " ",  
  "alternative": "Tartuffe",  
  "subtitle": " ",  
  "creator": "Frans Bosen",  
  "ppn": null,  
  "objectlevelId": "NAGO02:EYE-A33169",  
  "thumbnail":  
    "https://imageviewer.kb.nl/ImagingService/imagingService?useresolver=false&id=http%3A%2F%2Fresolver.kb.nl%2Fresolve%3Furn%3Durn%3Agn%3ANAGO02%3AEYE-A33169%26size%3Dlarge&maxw=294",  
  "collectionStringNL": "Afficheproject",  
  "collectionStringEN": "Poster project",  
  "created": false,  
  "originalStartDate": "Fri Jan 01 00:19:32 CET 1926",  
  "startDate": "1926.01.01"  
}
```

<https://resolver.kb.nl/resolve?urn=urn:gvn:NAGO02:EYE-A33169>

JSON data example of a single resource in The Memory



Step 2: Transform the data to RDF

JSON

```
{
  "urn:gvn:NAG002:EYE-A33169": {
    "title": "Tartuffe",
    "creator": "Frans Bosen",
    "thumbnail":
      "https://imageviewer.kb.nl/ImagingService/imagingService?userresolver=false&id=http%3A%2F%2Fresolver.kb.nl%2Fresolve%3Furn%3Durn%3Agvn%3ANAG002%3AEYE-A33169%26size%3Dlarge&maxw=294",
    "startDate": "1926.01.01"
  }
}
```

Turtle

```
<https://resolver.kb.nl/resolve?urn=urn:gvn:NAG002:EYE-A33169> a schema:Poster ;
    schema:name "Tartuffe" ;
    schema:creator "Frans Bosen" ;
    schema:image
      <https://imageviewer.kb.nl/ImagingService/imagingService?userresolver=false&id=http%3A%2F%2Fresolver.kb.nl%2Fresolve%3Furn%3Durn%3Agvn%3ANAG002%3AEYE-A33169%26size%3Dlarge&maxw=294> ;
    schema:dateCreated "1926"^^xsd:gYear ;
    schema:additionalType <http://vocab.getty.edu/aat/300027221> .
```

<http://schema.org/Poster>

Schema.org

Poster

A Schema.org Type

Thing > CreativeWork > Poster

A large, usually printed placard, bill, or announcement, often illustrated, that is posted to advertise or publicize something.



Getty Vocabularies: LOD

SPA

posters

Source:<http://vocab.getty.edu/aat/300027221>

Let's take a look at the Poster dataset:

- [Poster query](#)
- [Poster gallery query](#)

Spoor-weg



Date: 2006

Liefdesbekenntnissen



Date: 1967

Ontsnapping uit Istanboel



Date: 1967

Terra in due, la



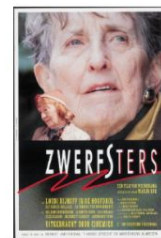
Date: 1985

Mieren, de



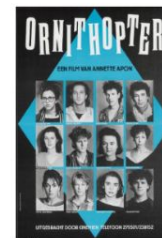
Date: 1989

Zwerfsters



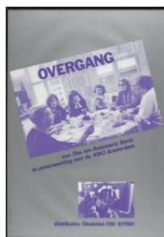
Date: 1989

Ornithopter



Date: 1985

Overgang



Date: 1980

Ongeschreven geschiedenis, een



Date: 1988

Vrouwen aller landen



Date: 1981

Dochters van de Nijl



Date: 1982

Cannot run away



Date: 1988

Gezocht: Lieve vader en moeder



Date: 1987

International Gay and Lesbian Filmfestival Holland



Date: 1986

Step 3: Link the data

We now have two independent datasets.

These are not yet linked!

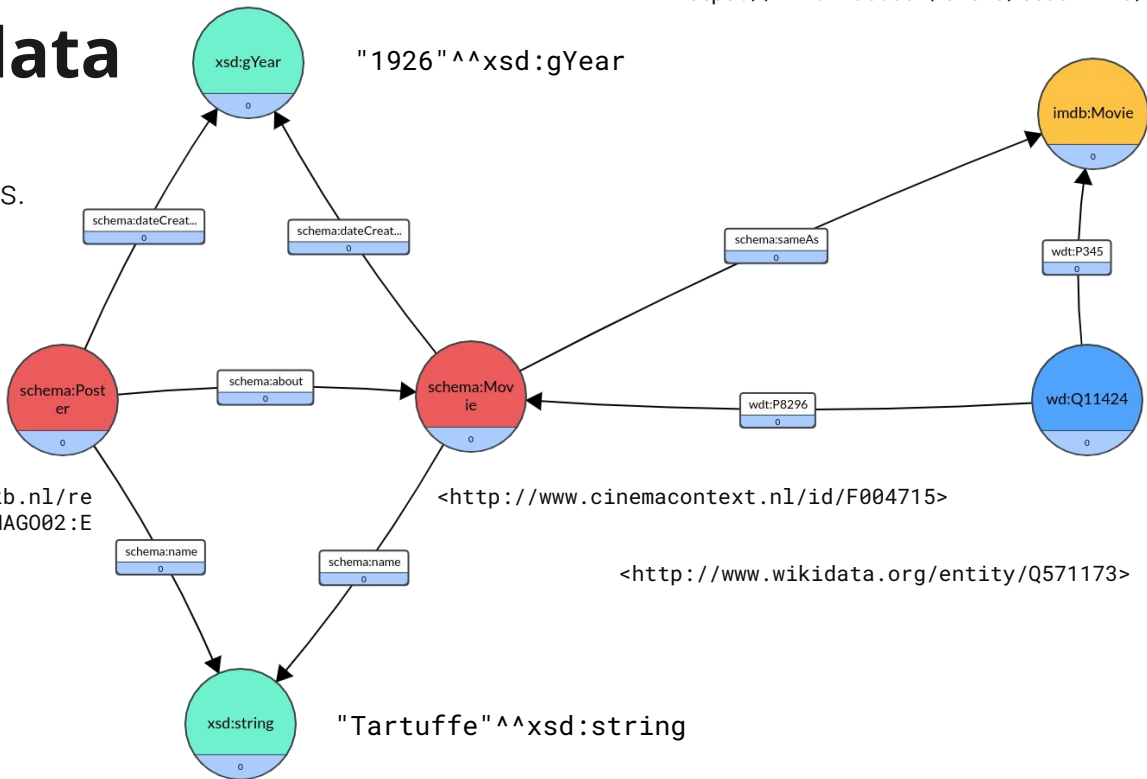
We can do so with the property:

- `schema:about`

By matching on:

- Name
- Date

`<https://resolver.kb.nl/resolve?urn=urn:gvn:NAG002:EYE-A33169>`



Matching

- Pre-processing:
 - Removing determiners
 - Removing parenthesis
- Very certain:
 - Both name + date are exactly the same
- Somewhat certain:
 - Name + date have a fuzzy match
- Manual check:
 - Name is not unique and gives multiple options
 - Date is too far apart

poster_ uri	poster_ name	poster_d ate	diff_ days	cc_date	cc_names	cc_uri
https://resolver.kb.nl/resolve?urn=urn:gvn:NAG002:EYE-A33155	Als ik koning was	1930-01-01	-1461	1934-01-01	['Wenn ich König wär', 'Als ik Koning was', 'Als ik koning was']	http://www.cinemacontext.nl/id/F002281
https://resolver.kb.nl/resolve?urn=urn:gvn:NAG002:EYE-A36907	Jericho	1946-01-01	0	1946-01-01	['Jericho']	http://www.cinemacontext.nl/id/F015227
https://resolver.kb.nl/resolve?urn=urn:gvn:NAG002:EYE-A40553	Monsieur Verdoux	1948-01-01	365	1947-01-01	['Monsieur Verdoux']	http://www.cinemacontext.nl/id/F015495

<<https://resolver.kb.nl/resolve?urn=urn:gvn:NAG002:EYE-A36907>> <<http://schema.org/about>> <<http://www.cinemacontext.nl/id/F015227>> .



Building a poster wall

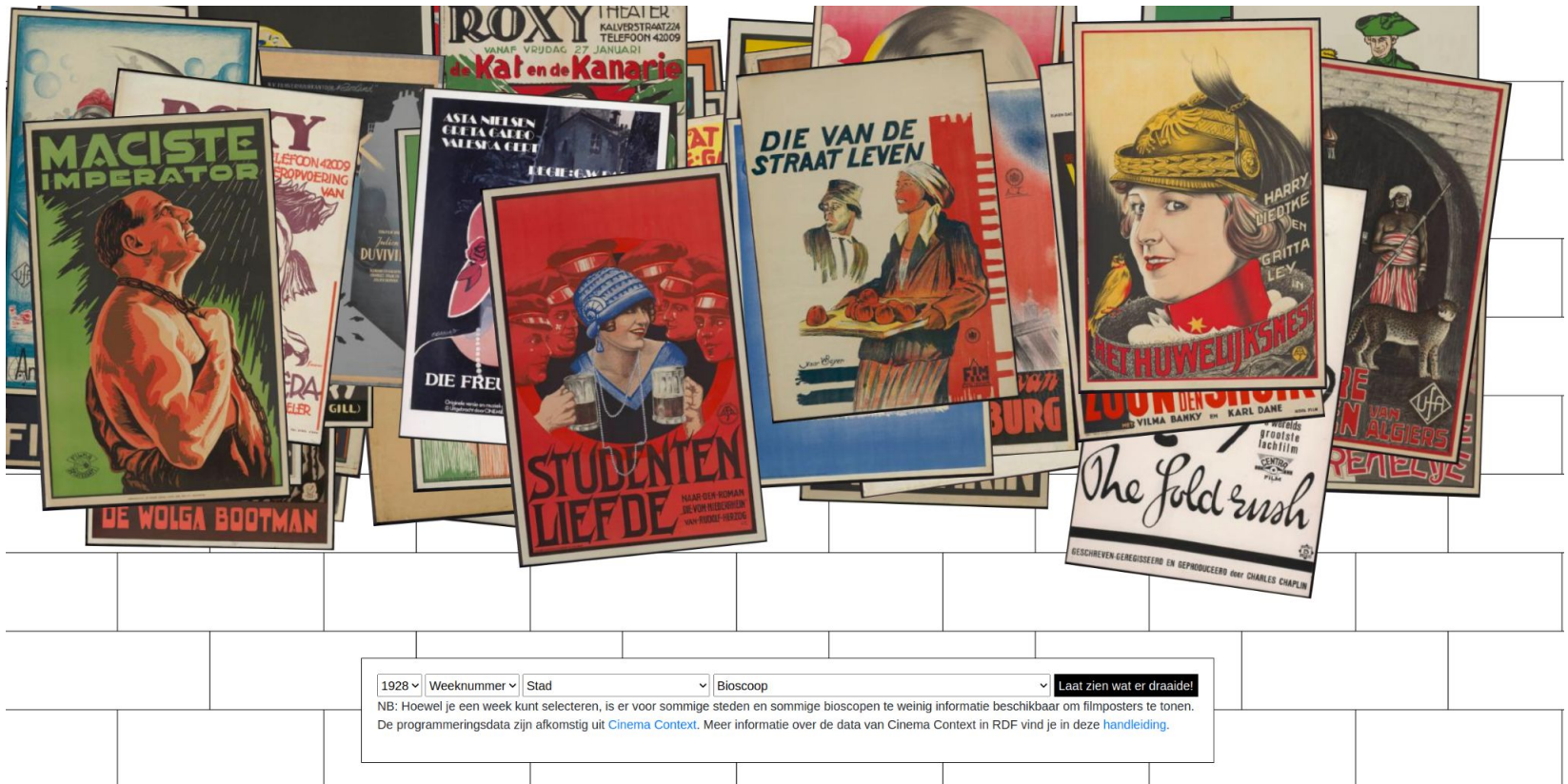
User input (e.g. as filter or parameter in your query):

- Date
- Cinema (optional)

Query:

- Give me every instance of type **schema:Movie** that is screened on a **xsd:date** in a **schema:MovieTheater** .
- Give me the **schema:image** value (thumbnail) of every instance of type **schema:Poster** that is about that same **schema:Movie** instance .

See query: [Query](#)



Result: <https://www.hicsuntleones.nl/plakmuur/eye/>

See also: <https://uvacreate.gitlab.io/cinema-context/cinema-context-rdf/events/hackalod2020/>

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