

Employing Wikidata for Fostering Scholarly Research

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WikidataCon 2017

Berlin, October 28 – October 29, 2017



Apparatus: Introduction

Natascha Drubek, Anke Hennig, Irina Sandomirskaja

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Content and Scope of the Open Access Journal Apparatus

Film, media and digital cultures of Eastern, Central and South-Eastern Europe.

Current and historical media:

early technical media, film, radio, magnetic tapes, television, internet, DVDs.

Open and themed issues, e.g.

Ghetto Films, Women and Editing, but everything from estonian newsreels to polish conceptual art and - our example article - on **agit trains in the 1920s in the USSR**



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peer review** process

Open Access by using
OJS-Software
Hosting currently:
CeDIS (FU Berlin)

Articles are published
under: CC BY 4.0

Languages

Navigation, abstract-
page and submissions
are in three languages
(EN, DE, RU)

Article in original
language
(e.g. Ukrainian)

Abstract and Keywords
in EN, DE, RU

Goals

Increasing the impact of a domain specific research output (the article's factual research)

Enhancing the visibility of an OA journal

Exploring the functionalities for **digital publishing** generally, by creating benefits specifically for film and media studies

Collaboration



In September 2016, Heidi and Claudia met.
An idea was born and more people joined...

Approach - Publishing Structured Data

APPARATUS
FILM, MEDIA AND DIGITAL CULTURES IN CENTRAL AND EASTERN EUROPE

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Editorial: The Ghetto as Holocaust Apparatus.
[Updated on May 9, 2017]

Natascha Drubek

Keywords
Ghetto; Holocaust; Ghettofilm; Propaganda Film; Der ewige Jude; Kulmhof; Theresienstadt; Gerron; Dodalová; Lanzmann; Marmorstein

"Ghetto Film" Puzzles and *The Last of the Unjust*
From *The Eternal Jew* (1940) to the Last "Ghetto"

What is a "Ghettofilm"?

How to Reconstruct the Genre Rules of the "Ghettofilm"?

2014 Terezín Conference on 1944 Theresienstadt: Films from Ghettos and Camps: Propaganda -
Clandestine Messages - Historical Source

On the Title of the Special Issue and Contributions Part One

Acknowledgements

Bio

Bibliography

Filmography

EN | DE | RU

SOURCES

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Publishing
structured data in
an open knowledge
base



Extending article
content with
additional
information

Item Discussion Read View history Search Wikidata

Editorial: The Ghetto as Holocaust Apparatus (Q38110802)

No description defined

In more languages Configure

Language	Label	Description	Also known as
English	Editorial: The Ghetto as Holocaust Apparatus	No description defined	
German	Vorwort: Das Ghetto als Holocaust-Apparatus	No description defined	
French	No label defined	No description defined	
Bavarian	No label defined	No description defined	

All entered languages

Statements

Instance of

- scientific article (0 references) [edit] [add reference]
- article (0 references) [edit] [add reference] [add value]

genre

- editorial (0 references) [edit] [add reference] [add value]

title

- Editorial: The Ghetto as Holocaust Apparatus (English) (1 reference) [edit] [add value]

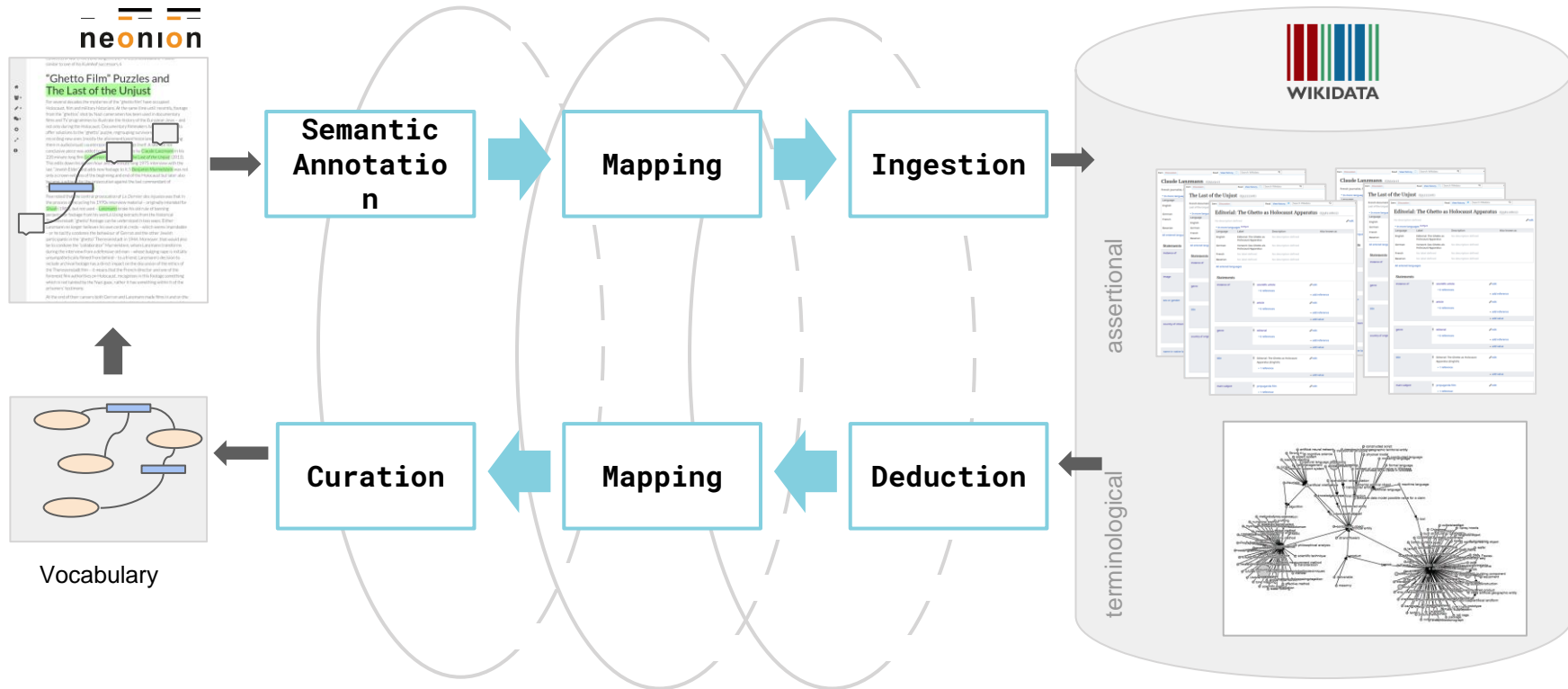


Guiding Questions

How can we **support data publication** in research areas with little or no data publication practices?

How can we **design a usable and sustainable data publication pipeline** that meets the requirements of its stakeholders?

Concept of Data Publication Pipeline



Contributing to Wikidata

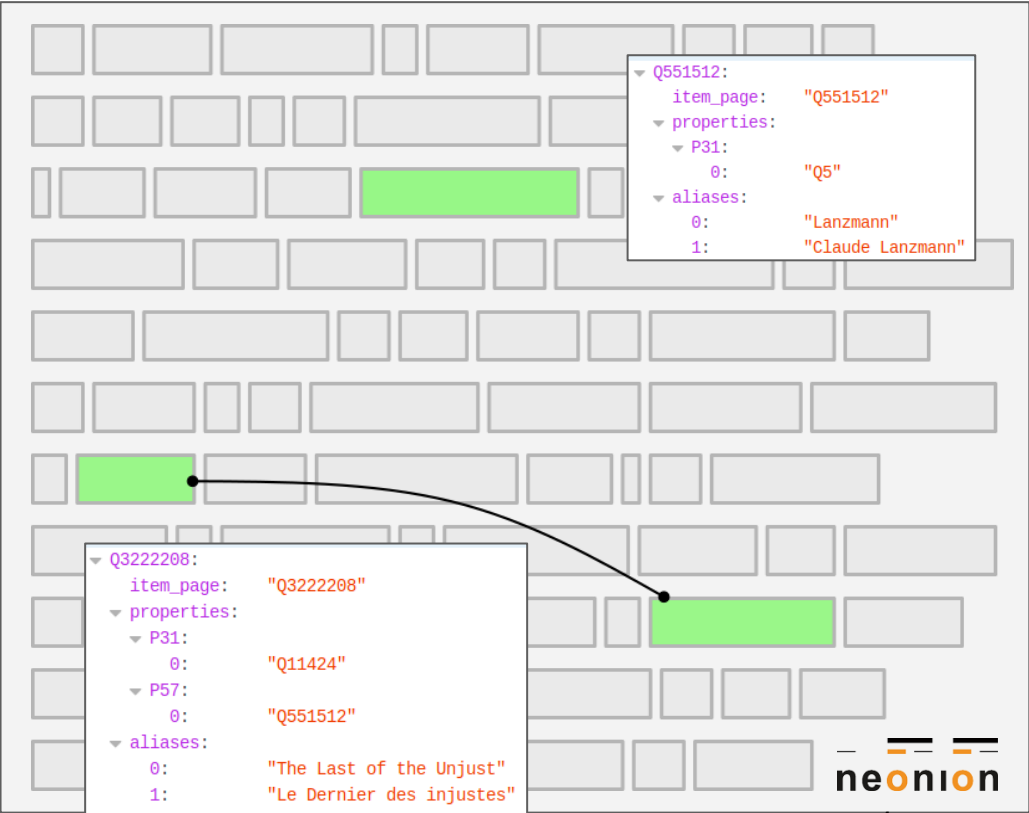
```
Q551512:
  item_page: "Q551512"
  properties:
    P31:
      0: "Q5"
  aliases:
    0: "Lanzmann"
    1: "Claude Lanzmann"

Q3222208:
  item_page: "Q3222208"
  properties:
    P31:
      0: "Q11424"
    P57:
      0: "Q551512"
  aliases:
    0: "The Last of the Unjust"
    1: "Le Dernier des injustes"
```

neonion

- **Find** corresponding statements on Wikidata and support them by adding bibliographic reference.
- **Add** new statements at entity's item page.
- **Create** a new entity in the knowledge base by adding an item page → we know at least label(s) and type(s) and can name a source.

Technical Challenges



```
Q551512:  
  item_page: "Q551512"  
  properties:  
    P31:  
      0: "Q5"  
  aliases:  
    0: "Lanzmann"  
    1: "Claude Lanzmann"
```

Limited means of **looking up Wikidata entities** because they are described by labels mostly.

```
Q3222208:  
  item_page: "Q3222208"  
  properties:  
    P31:  
      0: "Q11424"  
    P57:  
      0: "Q551512"  
  aliases:  
    0: "The Last of the Unjust"  
    1: "Le Dernier des injustes"
```

Expensive to determine if a statement is already expressed by any **semantically close property**.

Vocabulary Curation with *Snoopy*

- Providing property recommendation using association rule mining
- Recommending properties that are used in combination with a given set of properties

country of origin (P495)
director (P57)
original language of work (P364)

Initial set modelled in neonion



title (P1476)
main subject (P921)
publication date (P577)
country (P17)

Provided recommendations



<https://www.youtube.com/watch?v=9XKvYaySAKM>



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