#### Experimental Books Workshop Catalogue

 ${\bf Experimental\ books\ conference\ participants}$ 

2/20/23

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# Workshop Programme: Publishing from Collections: Introducing Computational Publishing for Culture

Programme instructions

2023-02-20 v1.0

Experimental Books – Re-imagining Scholarly Publishing, COPIM. Workshop URL: https://experimentalbooks.pubpub.org/programme-overview

Contribution from Task Area 4 of the NFDI4Culture is looking at which initiatives are enhancing their publications for open scholarship. Its aim is to establish a guideline for scholars to create publications and their associated data with a focus on long-term digital preservation.

Example workshop publication: toc Baroque /toc

#### 1.0.1 Cite as

Document DOI: 10.5281/zenodo.7652524 | Author: Simon Worthington https://orcid.org/0000-0002-8579-9717

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#### $2CHAPTER\ 1.\ \ WORKSHOP\ PROGRAMME: PUBLISHING\ FROM\ COLLECTIONS:\ INTRODUCIN$

Book cover: Reworking of Baroque pearl with enamelled gold mounts set with rubies. Creative Commons CC0 1.0 Universal Public Domain Dedication. This file was donated to Wikimedia Commons as part of a project by the Metropolitan Museum of Art.

## Activity A: Paintings catalogue in Jupyter Notebook

Objective: Make a selection of nine paintings for the exhibition catalogue to be selected from Wikidata and rendered multi-format in Quarto.

The below Python code uses SPARQLWrapper to retrieve data from Wikidata based on a SPARQL query.

Wikidata link: http://www.wikidata.org/entity/Q29474642

Title: The Birth of Benjamin

Year: 1650

Creator: Francesco Furini

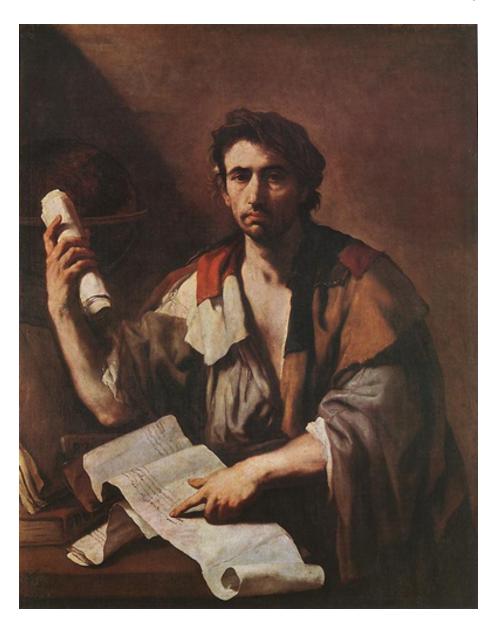


Wikidata link: http://www.wikidata.org/entity/Q29474649

Title: A Cynical Philosopher

Year: 1650

Creator: Luca Giordano



Wikidata link: http://www.wikidata.org/entity/Q29474651

Title: Solomon and the Queen of Sheba

Year: 1697

Creator: Luca Giordano



Wikidata link: http://www.wikidata.org/entity/Q29477235

Title: Q29477235

Year: 1674

Creator: Antonio Triva



Wikidata link: http://www.wikidata.org/entity/Q29477863

Title: Q29477863

Year: 1633

Creator: Guido Reni



Wikidata link: http://www.wikidata.org/entity/Q29477898

Title: Still-Life with Books

Year: 1628

Creator: Jan Lievens



Wikidata link: http://www.wikidata.org/entity/Q29480557

Title: Feast of Herod

Year: 1630

 $Creator:\ http://www.wikidata.org/.well-known/genid/3f945710e81609ba4bae458b2820460a$ 

10 CHAPTER~2.~~ACTIVITY~A: PAINTINGS~CATALOGUE~IN~JUPYTER~NOTEBOOK



Wikidata link: http://www.wikidata.org/entity/Q29480565

Title: Venus and Cupid

Year: 1625

Creator: Heinrich Bollandt

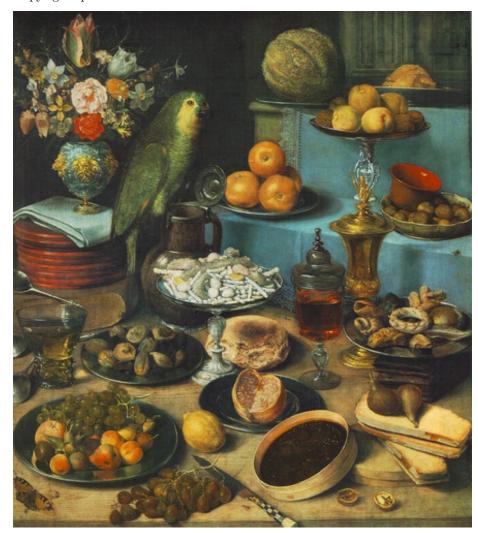


Wikidata link: http://www.wikidata.org/entity/Q29480594

Title: Still-life with Parrot

Year: 1630

Creator: Georg Flegel Copyright: public domain



### Activity B: Embedded video in Jupyter Notebook

Objective: Running and editing Juypter Notebooks in MyBinder and retrieving video and 3D models as embeds.

The below Python code experiments with retrieving video data via iframe embedding.

<IPython.core.display.HTML object>

#### 3.1 3D model embedding

The below Python code experiments with retrieving 3D data via iframe embedding.

<IPython.core.display.HTML object>

<IPython.core.display.HTML object>

#### 14CHAPTER 3. ACTIVITY B: EMBEDDED VIDEO IN JUPYTER NOTEBOOK

#### NextCloud MD Editor

Call outs?



 $Figure~4.1:~David\_Teniers\_(II)\_-\_The\_gallery\_of\_Archduke\_Leopold\_in\_Brussels.jpg$ 

Vegetables	Not vegetables	Bier	Wein
Raddish	Mushroom		
Leak			

Please edit here: hello here is nils



Deutsch: Stillleben mit Papagei

 $to\ do\ list$ 

- $\square$  Activity 1
- $\hfill\Box$  Activity 2
- $\square$  Activity 3

Sucess

Warning

Danger

and this is paul, look I can make edits!!

SW: Ive tuurned on the colour marking for users, but this maybe only shows up for me and not all other users.

nils: at the moment i dont see any color marking => fixed by enable option

The colour thing must be user specific.

```
WHERE
 # find items which:
 # are instances of (wdt:P31) paintings (wd:Q3305213)
  # have the property (wdt:P195) of being in collection wd:Q812285 (Bavarian State Painting Collection
 ?item wdt:P31 wd:Q3305213 .
 ?item wdt:P195 wd:Q812285 .
  # get the item's creator property (wdt:P170)
  ?item wdt:P170 ?creator .
  # get the item's image property (wdt:P18)
  ?item wdt:P18 ?image .
  # get the item's copyright status (wdt:P6216)
  ?item wdt:P6216 ?copyright .
   {
   ?item wdt:P571 ?inception.
   BIND(YEAR(?inception) AS ?inceptionyear)
 }
```

#### END