Baroque TOC

Team Computational Publishing

4/28/23

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Chapter 1

Baroque TOC: Automating Exhibition Catalogue Creation

Step-by-step guide: Automating Exhibition Catalogue Creation — A Guide

2023-04-28 v1.0

1.0.1 Desccription

An exhibition catalogue prototype, created using an open-source computational [publishing toolset}(https://copim.pubpub.org/pub/scholarled-catalogue/release/1). The objective was to test automatic retrieval of remote media and linked open data sources and then auto-typeseting the collated publication as multi-format. The prototype is available for community reuse to enable others to make their own publications and is accompanied by a step-by-step guide.

A collaboration between Open Science Lab TIB, NFDI4Culture, and COPIM:

- NFDI4Culture Task Area 4: Which 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.
- COPIM's Computational Book Publishing Pilot Project: WP6 brings together publishers, technologists, researchers, and authors to devise strategies to promote experimental book publishing and the reuse of, and engagement with, open access books.

Example workshop publication: toc Baroque /toc

1.0.2 Cite as

Document DOI: 10.5281/zenodo.7876062

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. And, Venus and Cupid, Heinrich Bollandt, between circa 1620 and circa 1630. Bavarian State Painting Collections. This work is in the public domain.

Chapter 2

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

Copyright: public domain

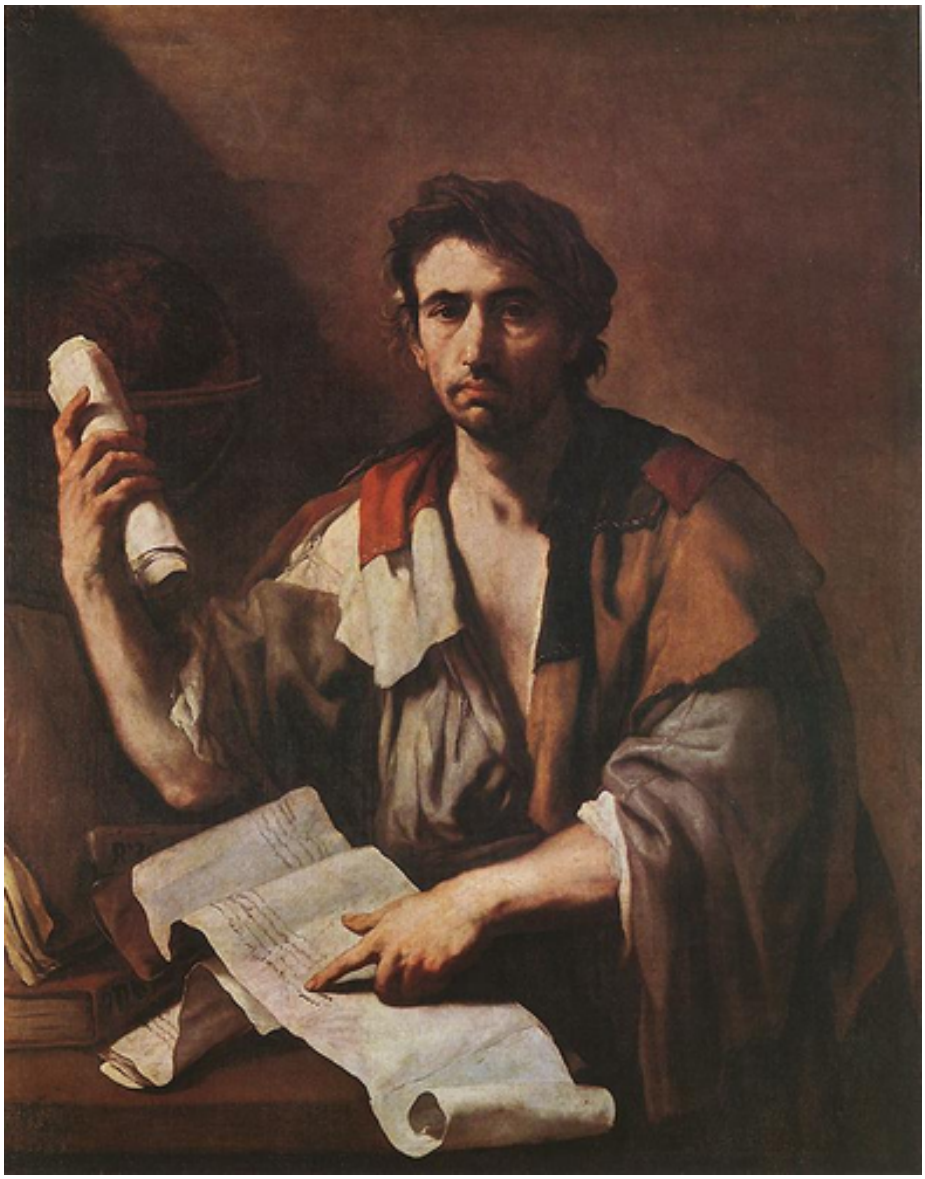
Wikidata link: http://www.wikidata.org/entity/Q29474649

Title: A Cynical Philosopher

Year: 1650

Creator: Luca Giordano

Copyright: public domain



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

Copyright: public domain

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

Copyright: public domain

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

Title: Feast of Herod

Year: 1630

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

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

Chapter 3

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>
```

Chapter 4

Text

Text