Experimental Books workshop catalogue

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

2/20/23

Table of contents

L	Home page	1
2	Activity B: Paintings catalogue in Jupyter Notebook	3
3	Activity C: Embedded video in Jupyter Notebook	13
	3.1 3D model embedding	13

Chapter 1

Home page

Chapter 2

Activity B: 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

$4CHAPTER\ 2.\ ACTIVITY\ B: PAINTINGS\ CATALOGUE\ IN\ JUPYTER\ NOTEBOOK$

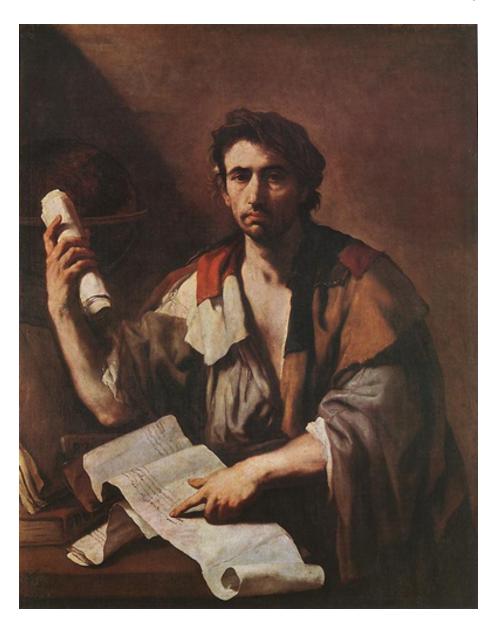


Wikidata link: http://www.wikidata.org/entity/Q29474649

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

$6CHAPTER\ 2.\ \ ACTIVITY\ B: PAINTINGS\ CATALOGUE\ IN\ JUPYTER\ NOTEBOOK$



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

8CHAPTER 2. ACTIVITY B: PAINTINGS CATALOGUE IN JUPYTER NOTEBOOK



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~B: PAINTINGS~CATALOGUE~IN~JUPYTER~NOTEBOOK



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

Title: Venus and Cupid

Year: 1625

Creator: Heinrich Bollandt

Copyright: public domain



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

12CHAPTER 2. ACTIVITY B: PAINTINGS CATALOGUE IN JUPYTER NOTEBOOK

Title: Still-life with Parrot

Year: 1630

Creator: Georg Flegel Copyright: public domain



Chapter 3

Activity C: 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 C: EMBEDDED VIDEO IN JUPYTER NOTEBOOK