

Experimental Books workshop catalogue

Experimental Books conference participants

2/20/23

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Chapter 1

Home page

Chapter 2

Paintings catalogue Jupyter Notebook

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

Wikidata link: <http://www.wikidata.org/entity/Q10901792>

Title: Midas and Bacchus

Year: 1624

Creator: Nicolas Poussin

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q11772156>

Title: The Little Fruit Seller

Year: 1670

Creator: Bartolomé Esteban Murillo

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q11821341>

Title: Adoration of the Shepherds

Year: 1646

Creator: Rembrandt

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q12899795>

Title: Twelfth Night

Year: 1654

Creator: Gabriel Metsu

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q15691130>

Title: Massacre of the Innocents

Year: 1638

Creator: Peter Paul Rubens

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q16070498>

Title: The Prodigal Son

Year: 1622

Creator: Gerard van Honthorst

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q16364714>

Title: The Lion Hunt

Year: 1621

Creator: Peter Paul Rubens

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q16674796>

Title: Francis of Assisi

Year: 1660

Creator: Francisco de Zurbarán

Copyright: public domain



Wikidata link: <http://www.wikidata.org/entity/Q16712383>

Title: Lady viola da gamba player

Year: 1637

Creator: Anthony van Dyck

Copyright: public domain



Chapter 3

3D model Jupyter Notebook

This Python code shows a 3D model .stl file using the numpy-stl Python library found at <https://pypi.org/project/numpy-stl/>. This converts a .stl file to matplotlib and then displays as HTML.

<Figure size 640x480 with 0 Axes>

This Python code shows a 3D model .obj file using the obj2html Python library found at <https://z-uo.medium.com/visualize-3d-model-in-jupyter-notebook-e5a9deca20c6>. This converts a .obj file to HTML and then displays the HTML.

This is currently using a 9.9 MB test model object.

<IPython.core.display.HTML object>

Chapter 4

Embedded video Jupyter Notebook

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

```
<IPython.core.display.HTML object>
```

