## Experimental Books workshop catalogue

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

2/20/23

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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/Q203259

Title: The Fall of the Damned

Year: 1621

Creator: Peter Paul Rubens

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Title: The Descent from the Cross

Year: 1633

Creator: Rembrandt



Title: Honeysuckle Bower

Year: 1609

Creator: Peter Paul Rubens Copyright: public domain

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Title: The Rape of the Daughters of Leucippus

Year: 1618

Creator: Peter Paul Rubens Copyright: public domain



Title: The Rape of the Daughters of Leucippus

Year: 1618

Creator: Jan Wildens

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Wikidata link: http://www.wikidata.org/entity/Q835699

Title: The Great Last Judgement

Year: 1617

Creator: Peter Paul Rubens



Title: The Great Last Judgement

Year: 1617

Creator: Peter Paul Rubens Copyright: public domain

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Title: Willem van Heythuysen posing with a sword

Year: 1625

Creator: Frans Hals



Title: Large Fish Market

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Year: 1603

Creator: Jan Brueghel the Elder



# 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>

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