



IIF Conference 2025

IIF workshop for beginners

Basic concepts and common use cases

June 2nd, 2025

digirati 

Workshop agenda

15.30 Welcome and introduction

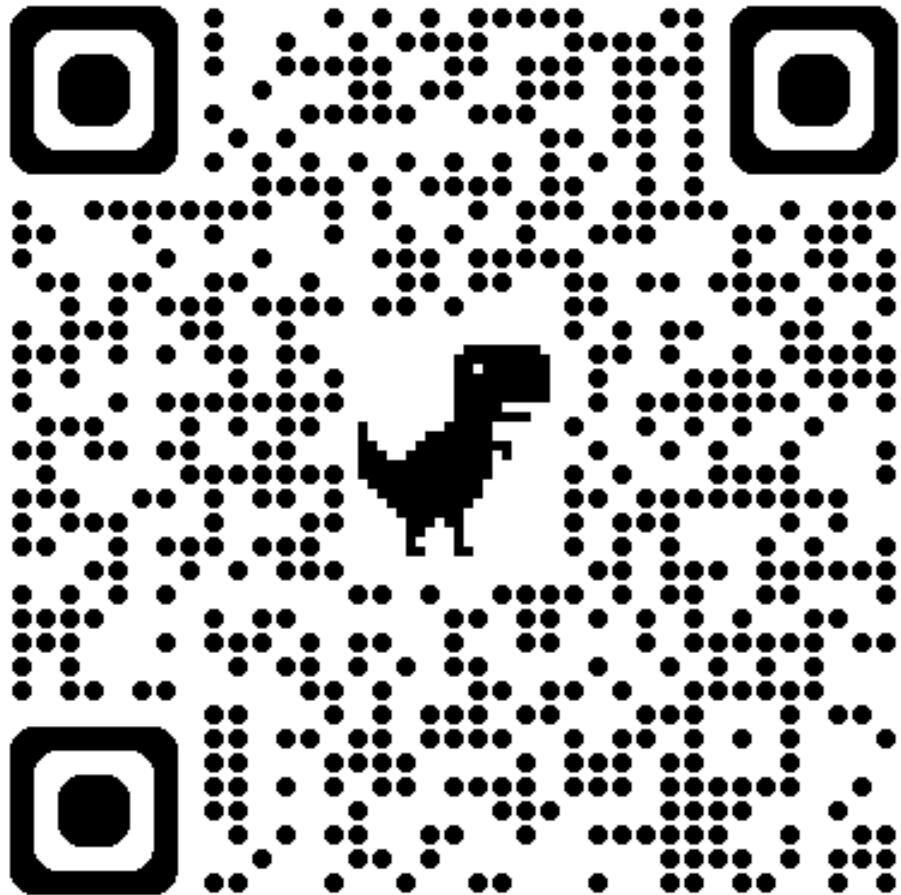
15.35 Workshop tools access check

15.40 High level introduction to IIIF

15.55 Workshop activities

16.40 Workshop Q&A

<https://digirati-workshop-iiif-2025.pages.dev/>



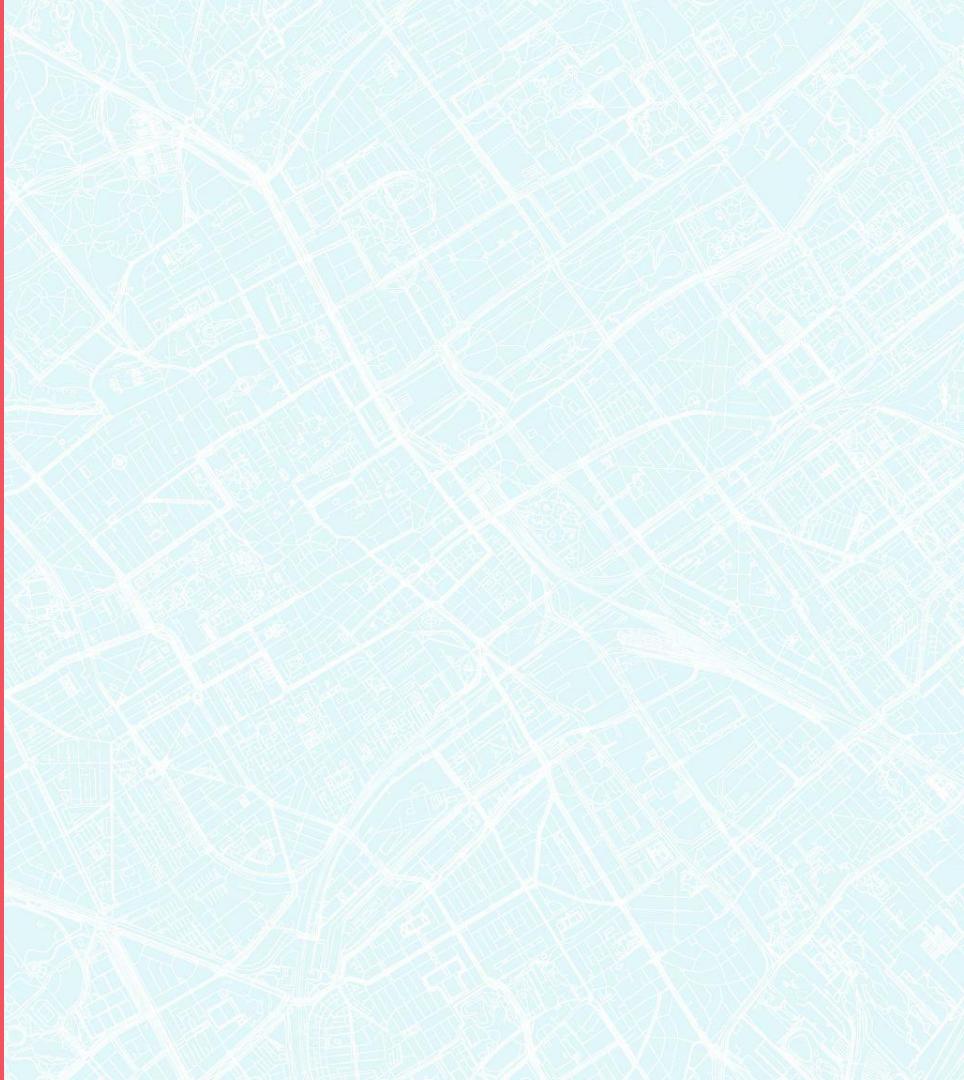
IIIF Cloud Services - Sandbox

<https://management.dlcs-trial.digirati.io/>

What is IIIF?

A IIIF Manifest

...is any *thing*



the...

International...

Image*...

Interoperability...

Framework...



Today you will be creating and publishing IIIF Manifests

- A book.
- A painting.
- A film.
- A sculpture.
- An opera.
- A long-playing record.
- A manuscript.
- A map.
- An aural history field recording.
- A videocassette of a public information film.
- A laboratory notebook.
- A diary.

A manifest is what you open in your player/viewer/annotation workbench

And what's a IIIF Manifest?

It's a document for **presenting** digital objects
(not *describing* them)

It's also JSON - nice for developers.

It's also linked data - nice for semantic web enthusiasts.

IIIF is driven by cultural heritage use cases, but not limited to them

By publishing a manifest, you publish a list of one or more abstract *extents* to the web, which you can paint content on via annotation.

Other people can make statements about - annotate - these extents too.

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    ]
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          "183 Euston Road",
          "London NW1 2BE UK",
          "T +44 (0)20 7611 8722",
          "E library@wellcomecollection.org",
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— What does all that mean?

Extents are **IIIF Canvases** (for now...)

Timelines, for audio content

- duration only

Canvases, for 2D content

- With optional duration, e.g., for video

Scenes*, for 3D content

- With optional duration

We'll focus only on 2D spatial content - artworks, digitised book pages, archival materials like letters.

*Coming in IIIF Presentation 4

NLW photograph album 900 - [X](#) +

library.wales/discover-learn/digital-exhibitions/photographs/early-swansea-photography/nlw-photograph-album-900

NLW photograph album 900

Home > Discover & Learn > Digital exhibitions > Photographs > Early Swansea Photography

Discover & Learn

Digital exhibitions

- Europeana Rise of Literacy
- Illingworth
- David Lloyd George
- Dylan Thomas
- Wales and the World Calendar
- Manuscripts
- Archives
- Printed material
- Pictures
- Maps
- Photographs

The Cased Photographs Collection

Early Swansea Photography

Margam Castle Daguerreotype

NLW photograph album 1

Amongst the 73 photographs in this album are portraits of Calvert Richard Jones, his wife Portia and family, friends and pets. Also included are maritime studies, street scenes in Cardiff and possibly Bristol, exterior views of country houses including Somerville, Heathfield & Foxton. Each image has been carefully mounted and an ink border drawn around it. A small number of pictures are captioned, all of country houses. The remainder are not captioned. The album also includes a view of the upper lake at Penllergaer by John Dillwyn Llewelyn.

Llyfr Fotograffau Teuluol

front cover

inside front cover

inscription

CONTENTS

Go

More Information

About the Item

Title: Llyfr Fotograffau Teuluol

Alternate Title: Llyfr Foto LIGC 900

Author: Llewelyn, John Dillwyn 1810-1882

Date: [ca. 1850-1860]

Permalink: <http://hdl.handle.net/10107/4716671>

Repository: This content has been digitised by

CONTENTS

<< Llyfr Ffotograffau Teuluol

>> MORE INFORMATION

ABOUT THE ITEM

Title

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Author

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Date

(ca. 1850-1860)

Permalink

<http://hdl.handle.net/10107/4716671>

Repository

This content has been digitised by The National Library of Wales

Description

73 photographs, mostly portraits and figure studies of Calvert and Portia Jones and friends. Included are several topographical views, and a... [MORE](#)

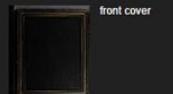
Attribution

Llyfrgell Genedlaethol Cymru – The National Library of Wales

License

<http://creativecommons.org/publicdomain/mark/1.0/>

Logo



front cover



inside front cover



inscription



p. 1



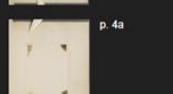
p. 2



p. 3



p. 4

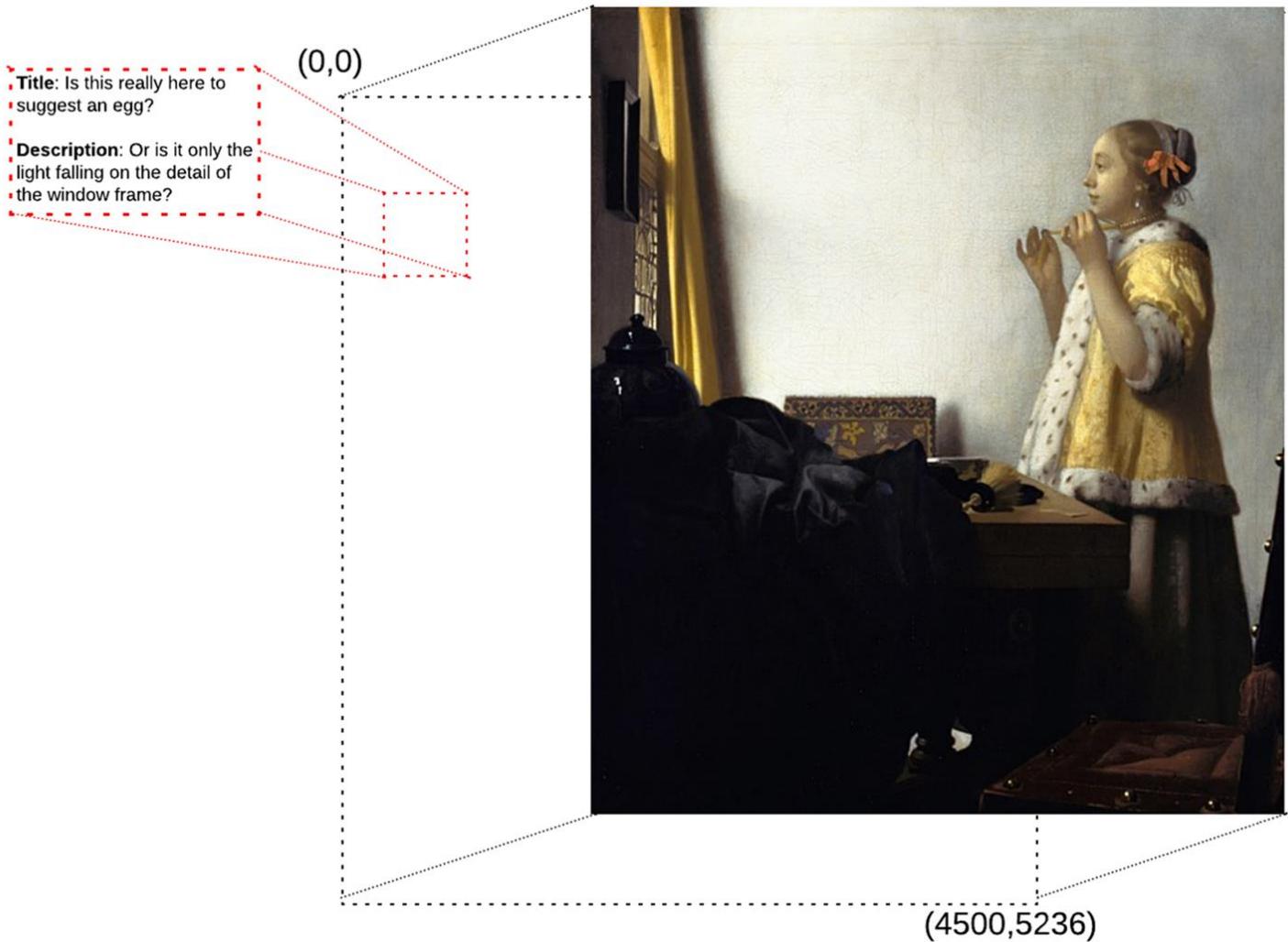


p. 4a



p. 5

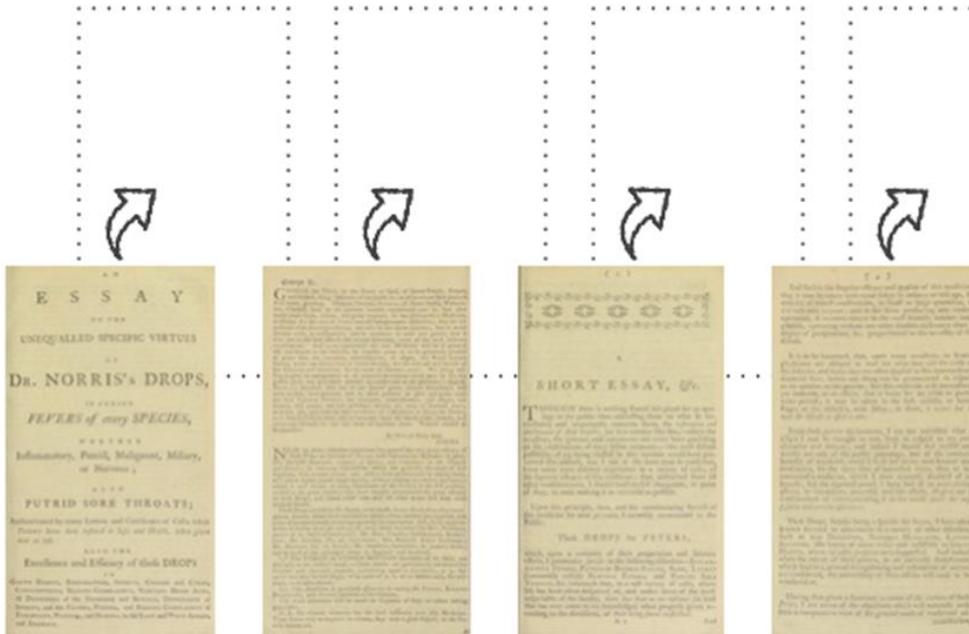




- Why is this object in the exhibition?
- *Here is a blog post about this painting*
- There's no video available here, but this is the screenplay for this missing 20 minutes of *The Magnificent Ambersons*
- ...and here are some production stills for 49m23s-51m17s
- “Tourteletes in fryture” means “Small fig pies basted with honey”
- *Here is the curator’s essay for this collection*
- Here is a transcription of this letter
- *Here is an article about this correspondence*
- These four engravings are all views from this location

- A Manifest is a document with one or more canvases

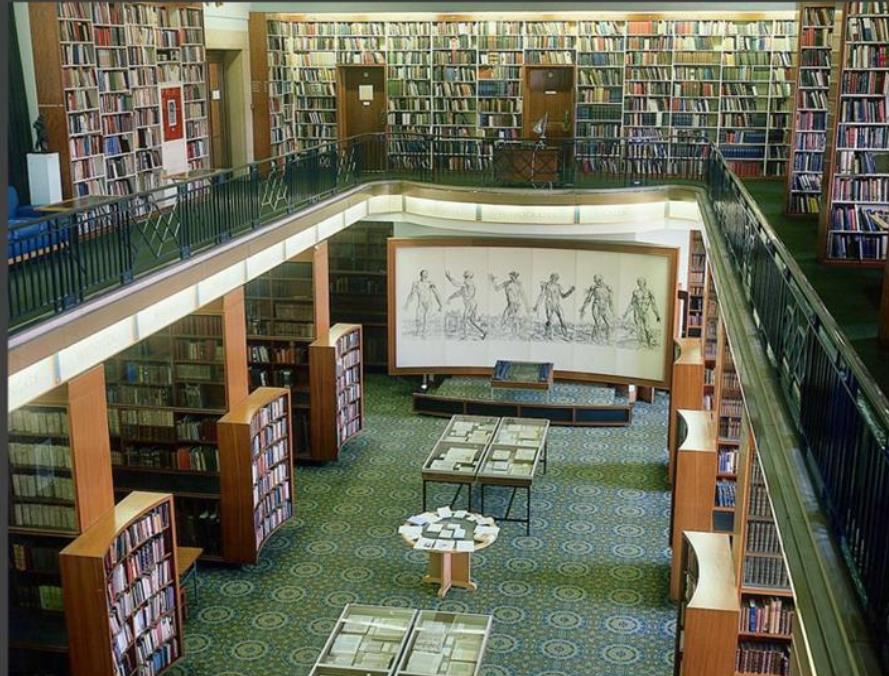
IIIF Manifest



Descriptive Semantics



Presentation Semantics

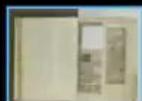
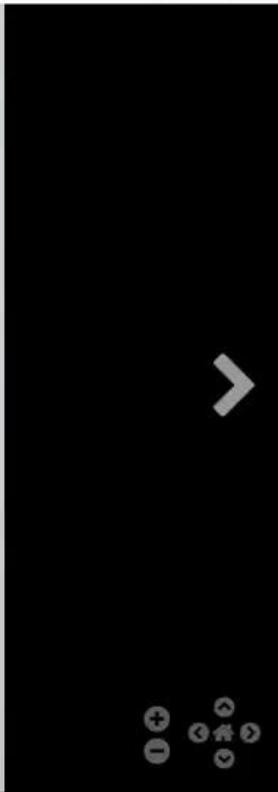
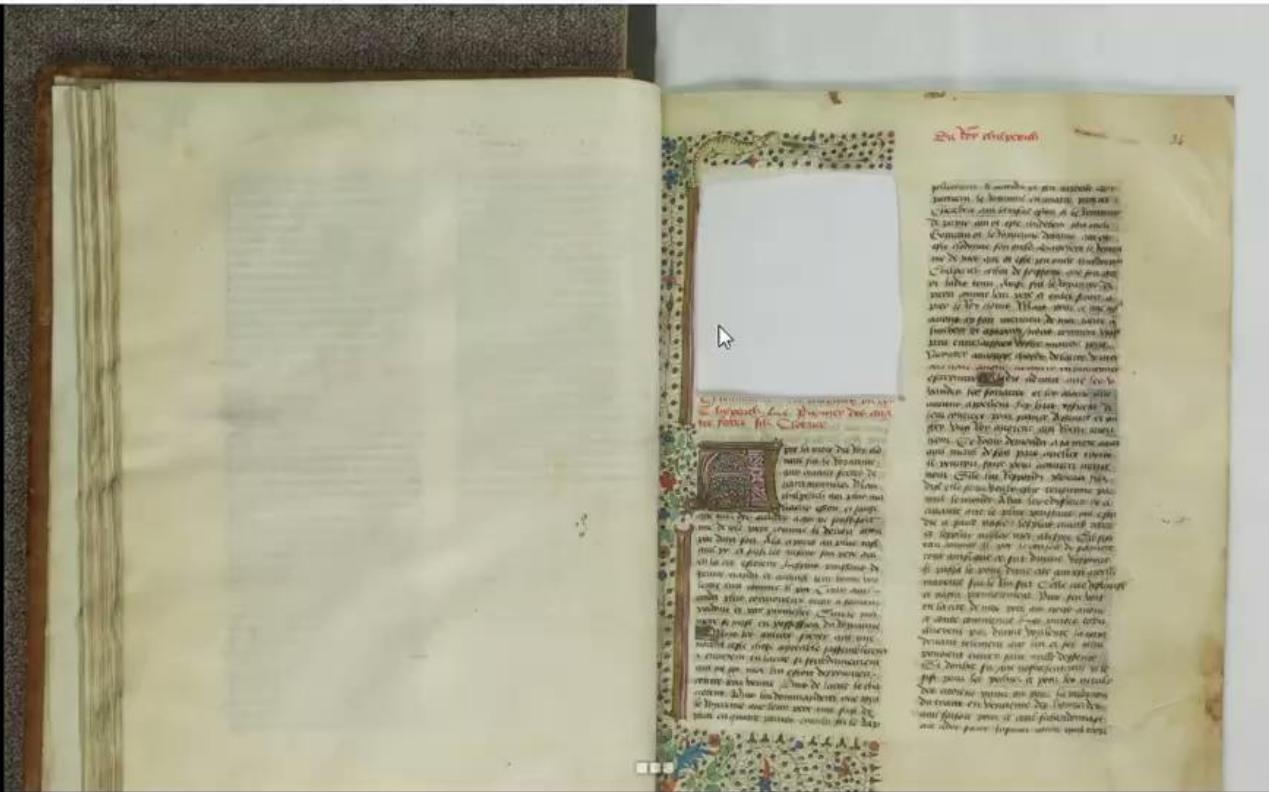


The Human Presentation API is just how we navigate the world



Grain elevators, Caldwell, Idaho, by Lee Russell, 1941.
<http://www.loc.gov/pictures/resource/fsac.1a34206/>

Reconstructed manifest (partial): Grandes Chroniques de France (Châteauroux, BM, ms 5)



f. 033v - 034



f. 034v - 035



f. 045v - 046



f. 046v - 047



f. 053v - 054



f. 054v - 055



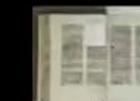
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f. 068v - 069



f. 080v - 081



f. 081v - 082



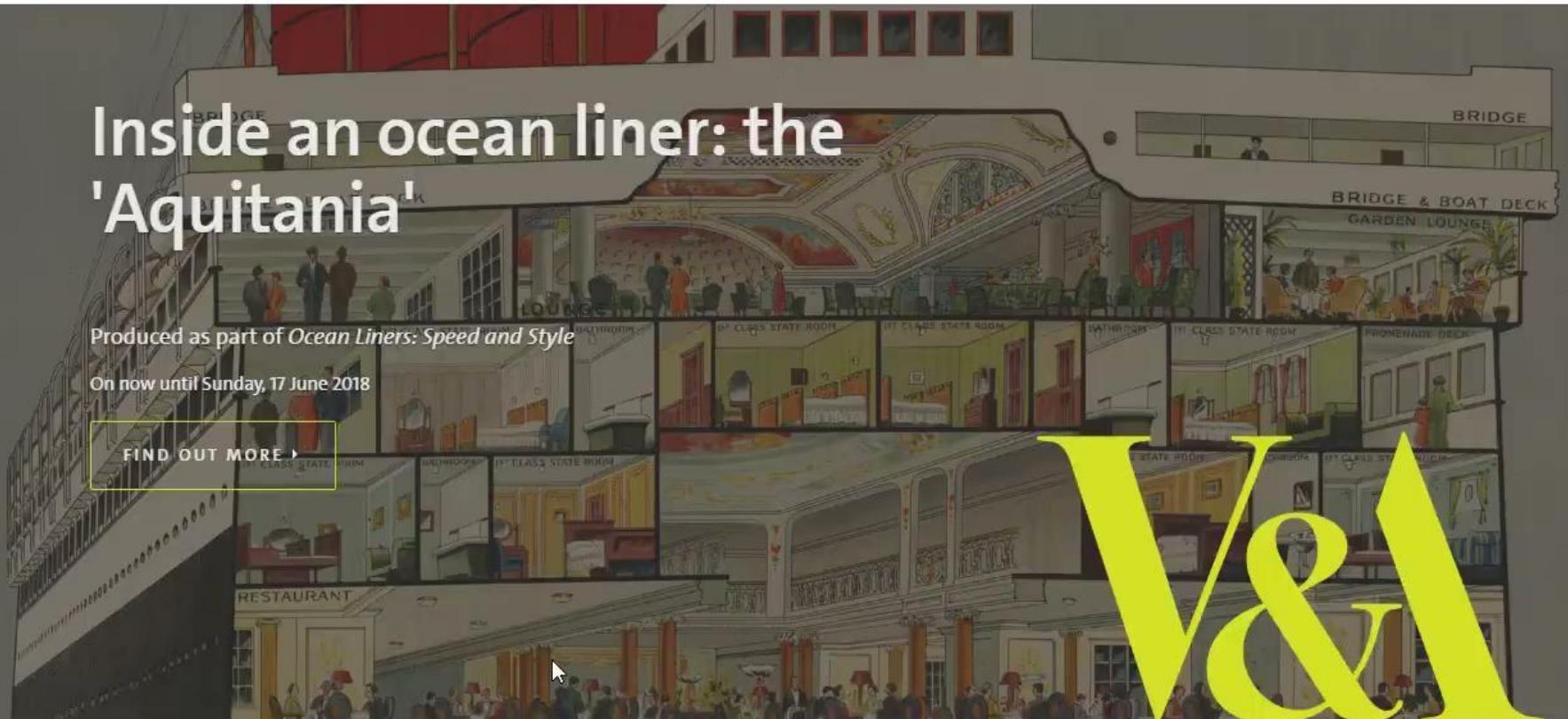


Inside an ocean liner: the 'Aquitania'

Produced as part of *Ocean Liners: Speed and Style*

On now until Sunday, 17 June 2018

[FIND OUT MORE ▶](#)





house firm, Helms and Davis Architects, had decorated the famously opulent Art Deco hotels in Paris and London. The cabins were as spacious as a bedroom at the kill of the bairby. The walls are panelled in grey silk. The carpets are vibrant blue and yellow, as are also the striped silk chair coverings. Note the bath - just off-stage, and the electric heater". (*The New Art of Going Abroad*, 1929).</p><p class="annotatedzoom-annotation-detail_credit">Photograph from [The New Art of Going Abroad](#), 1929, US. National Art Library: 38041986015030. © Victoria and Albert Museum, London</p>

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    value: "<h2 class='annotatedzoom-annotation-detail_label'>Third-class four berth room</h2><div class='annotatedzoom-annotation-detail_content'><p>Liners were strictly organised spaces which reflected social hierarchies. Although people travelling in third class could account for 60% of the total number of passengers, they were segregated into a relatively small space in the lower decks of the ship, close to the noisy engine room. These four-berth rooms had none of the luxurious furnishings or fabrics found in first class, but they were an improvement on the communal sleeping quarters provided for steerage-class passengers on earlier liners.</p></div>",
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    value: "<h2 class='annotatedzoom-annotation-detail_label'>Stores</h2><div class='annotatedzoom-annotation-detail_content'><p>Ocean liners required huge quantities of food, enough for all crew and passengers - the equivalent to feeding a floating city. Cunard catered for varied tastes. Provisions for one trip included 500 sheep kidneys, 400 ox tails, 800 tongues and large quantities of frogs' legs, as well as geese, turkey, duck,
```

Isn't IIIF all about images? What's the Image API?

The Image API is a standardised way of providing pixels.

Given a high resolution source image, the Image API lets us use that image for deep zoom, responsive images, arbitrary regions and sizes.

But the Image API is not the core of IIIF - and you can do huge IIIF projects without it.

The IIIF Manifest, with its Canvases, is what makes your content part of the interoperable, linked web.

The IIIF Image API is a special enhancement on top of that, for images.

Example: The Internet Archive's millions of audio and video Manifests.

These are essentially IIIF wrappers around the AV files they already had.

IIIF Cloud Services

Enabling your assets as IIIF



The screenshot shows the IIIF Cloud Services portal. At the top left is the IIIF logo (two blue diamonds) followed by "IIIF Cloud Services". To its right is a logo for "TOWARDS A NATIONAL COLLECTION" featuring a stylized building icon. On the far right is a user profile icon with the name "Paul Mollahan". The left sidebar has a blue header bar with icons for "Home", "IIIF Publishing", "Spaces", "Queue", and "Named Queries". Below this, the main content area has a "Welcome" section with text about the beta version and links for "Create or edit IIIF resources" and "Upload assets". A blue callout box contains an information icon and the text: "The latest version of the user guide for the portal can be accessed [here](#)".

IIIF Cloud Services 

Paul Mollahan

Home

IIIF Publishing

Spaces

Queue

Named Queries

Welcome

Welcome to the latest beta version of the IIIF Cloud Services portal.

We will be releasing new features and enhancements regularly ahead of the official release. Here in your portal, you can make your digital collections available as IIIF resources.

Create or edit IIIF resources Upload assets

 The latest version of the user guide for the portal can be accessed [here](#)

Creating IIIF compatible images

Getting familiar

- Once you've logged in you should see a few options
 - Spaces - left hand menu
 - Upload assets link
- Clicking either option will navigate you to your spaces area
- Create a new space if you have images to upload
- Or
- If you don't have images, please use the options provided in the supporting documentation

The screenshot shows the IIIF Cloud Services portal. On the left is a sidebar with the following options:

- Home
- IIIF Publishing
- Spaces** (this option is highlighted with a red box)
- Queue
- Named Queries

The main content area is titled "Welcome" and contains the following text:

Welcome to the latest beta version of the IIIF Cloud Services portal. We will be releasing new features and enhancements regularly ahead of the resources.

At the bottom of the main area are two buttons: "Create or edit IIIF resources" and "Upload assets" (this button is also highlighted with a red box). Below these buttons is a blue info box containing the text: "The latest version of the user guide for the portal can be accessed [here](#)".

The screenshot shows the IIIF Cloud Services portal homepage. At the top, there is a navigation bar with icons for back, forward, search, and other browser functions. The URL https://portal.dlcs-trial.digirati.io/Services/IIIF/Home is displayed. On the left, a sidebar menu includes 'Home' (selected), 'IIIF Publishing', and 'Spaces'. The main content area features a 'Welcome' message: 'Welcome to the latest beta version of the IIIF Cloud Services portal.' It states that new features will be released regularly and encourages users to make their digital collections available as IIIF resources. Below this are two buttons: 'Create or edit IIIF resources' (highlighted with a blue border) and 'Upload assets'. A cursor icon is visible near the bottom center of the page.

IIIF Cloud Services 

Log out  Workshop Participant 0

Home

IIIF Publishing

Spaces

Welcome

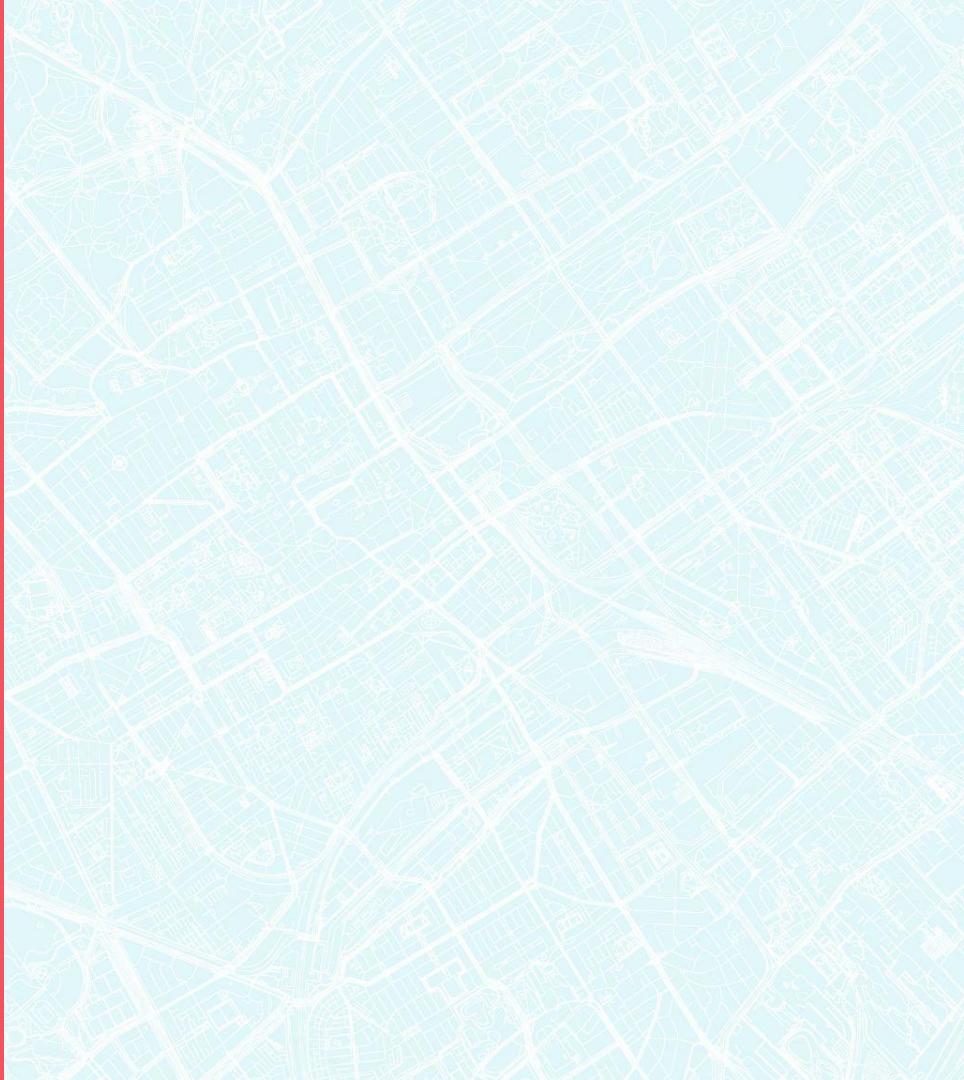
Welcome to the latest beta version of the IIIF Cloud Services portal.

We will be releasing new features and enhancements regularly ahead of the official release. Here in your portal, you can make your digital collections available as IIIF resources.

Create or edit IIIF resources Upload assets

IIIF Manifests

Exploring existing IIIF Manifests



The screenshot shows the IIIF Cloud Services portal at https://portal.dlcs-trial.digirati.io/Services/IIIF/Home. The page has a dark blue header with navigation icons and a URL bar. Below the header is a banner for 'TOWARDS A NATIONAL COLLECTION'. The main content area is titled 'Welcome' and includes a message about the beta version and new features. It features two buttons: 'Create or edit IIIF resources' and 'Upload assets'. On the left, there's a sidebar with links for Home, IIIF Publishing, and Spaces.

IIIF Cloud Services TOWARDS A NATIONAL COLLECTION

Welcome

Welcome to the latest beta version of the IIIF Cloud Services portal.

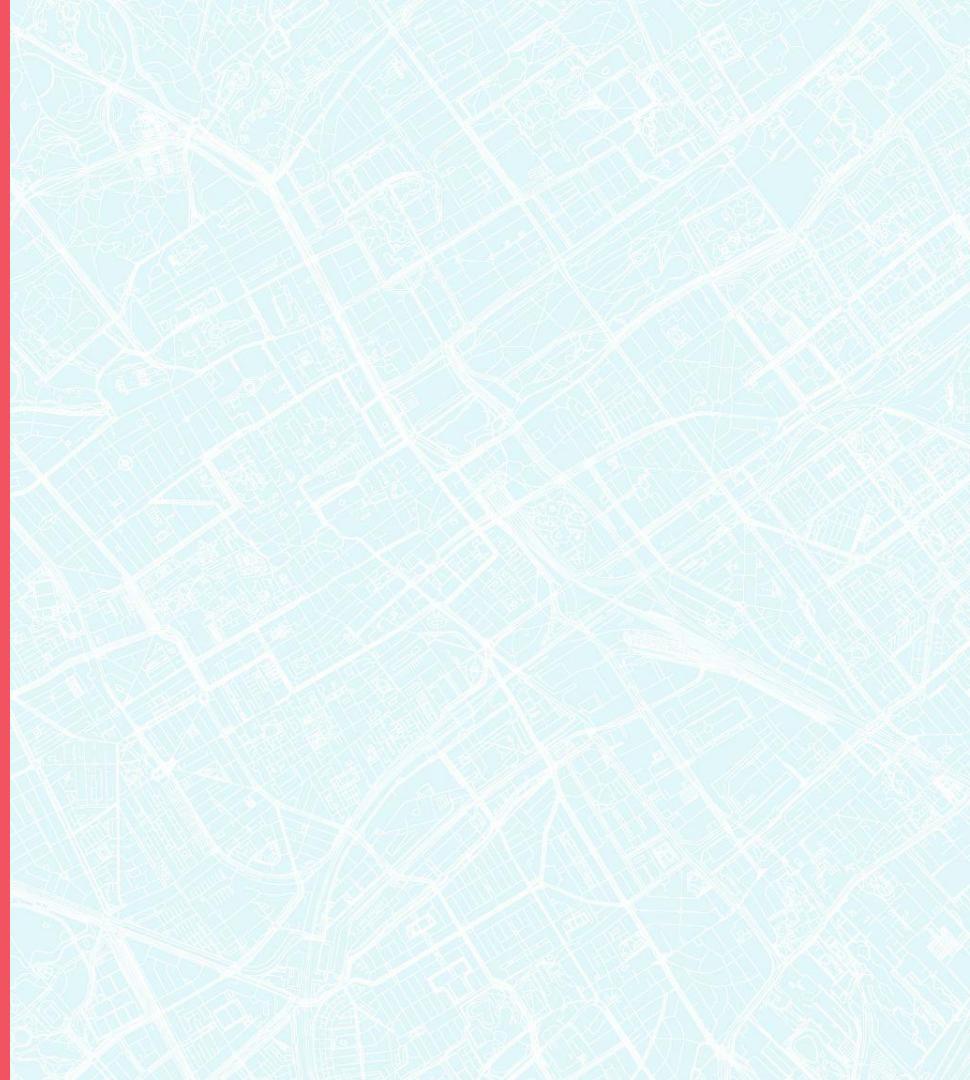
We will be releasing new features and enhancements regularly ahead of the official release. Here in your portal, you can make your digital collections available as IIIF resources.

Create or edit IIIF resources Upload assets

Home IIIF Publishing Spaces

Manifest Editor

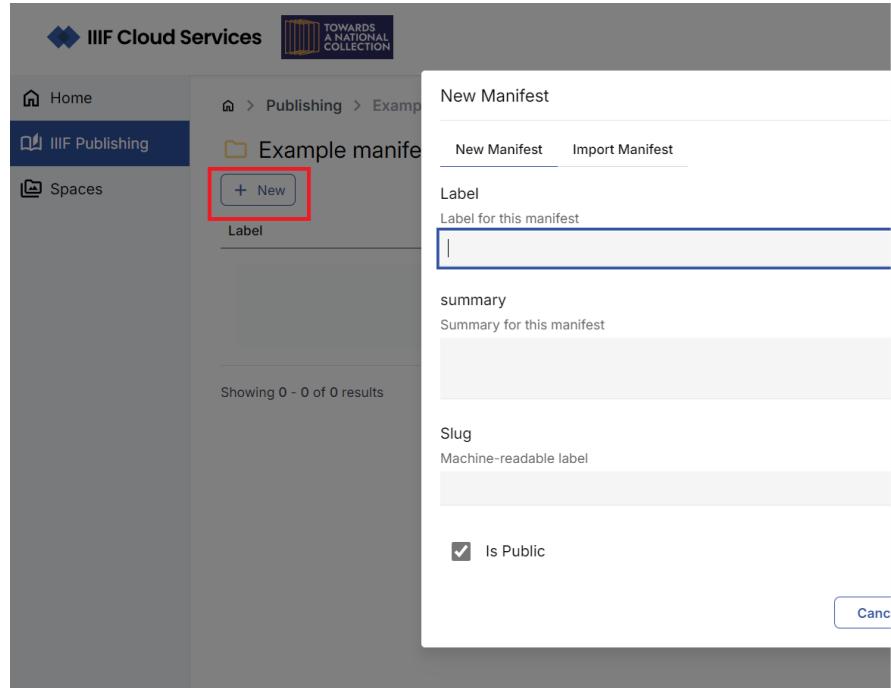
Creating and editing IIIF Manifests



Creating IIIF Manifests

Using IIIF Presentation API

- Create a basic manifest
 - Give it a label
 - Provide a brief summary
- Clicking 'Create' will create an empty manifest
- Using the basic Manifest view, select one or more images from your space
- Add these to your manifest, thus creating a canvas for each image
- We'll then view the basic manifest



The screenshot shows the IIIF Cloud Services portal homepage. At the top, there is a navigation bar with icons for back, forward, and search, followed by the URL <https://portal.dlcs-trial.digirati.io/Services/IIIF/Home>. To the right of the URL are various browser extension icons. Below the navigation bar, the header features the "IIIF Cloud Services" logo and a "TOWARDS NATIONAL COLLECTION" badge. On the right side of the header is a "Log out" button and a "Workshop Participant 0" status indicator.

The main content area has a blue header bar with the "Home" link. The main body is titled "Welcome" and contains the following text:

Welcome to the latest beta version of the IIIF Cloud Services portal.

We will be releasing new features and enhancements regularly ahead of the official release. Here in your portal, you can make your digital collections available as IIIF resources.

At the bottom of the main content area are two buttons: "Create or edit IIIF resources" (in a blue box) and "Upload assets".

IIIF Conference 2025

Questions, next steps



Next steps

- Individual access to your workshop environment - terms and conditions note
- Any immediate questions - please ask now or you can contact us by email - contact@digirati.com