The Digirati Manifest Editor

IIIF Annual Conference, Cambridge MA 2022

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What is it?

It's a React-based JavaScript client-side application

MIT license

Take it and customise or integrate it with your own systems

Hosted, walk up version with perma-preview service

How and why?

Acknowledgements

The development of the Manifest Editor has been supported by:

Manifest Editor

# What's it for?

First-class state room

The Aquitania's first-class cabins were designed by architect Arthur Davis, whose firm, Mewès and Davis Architects, had decorated the famously opulent Ritz hotels in Paris and London. The cabins were "as spacious as a bedroom at the Ritz or the Barclay. 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).

Photograph from The New Art of Going Abroad, 1929, US. National Art Library: 38041986015030. © Victoria and Albert Museum, London

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Custom viewing experiences

digirati
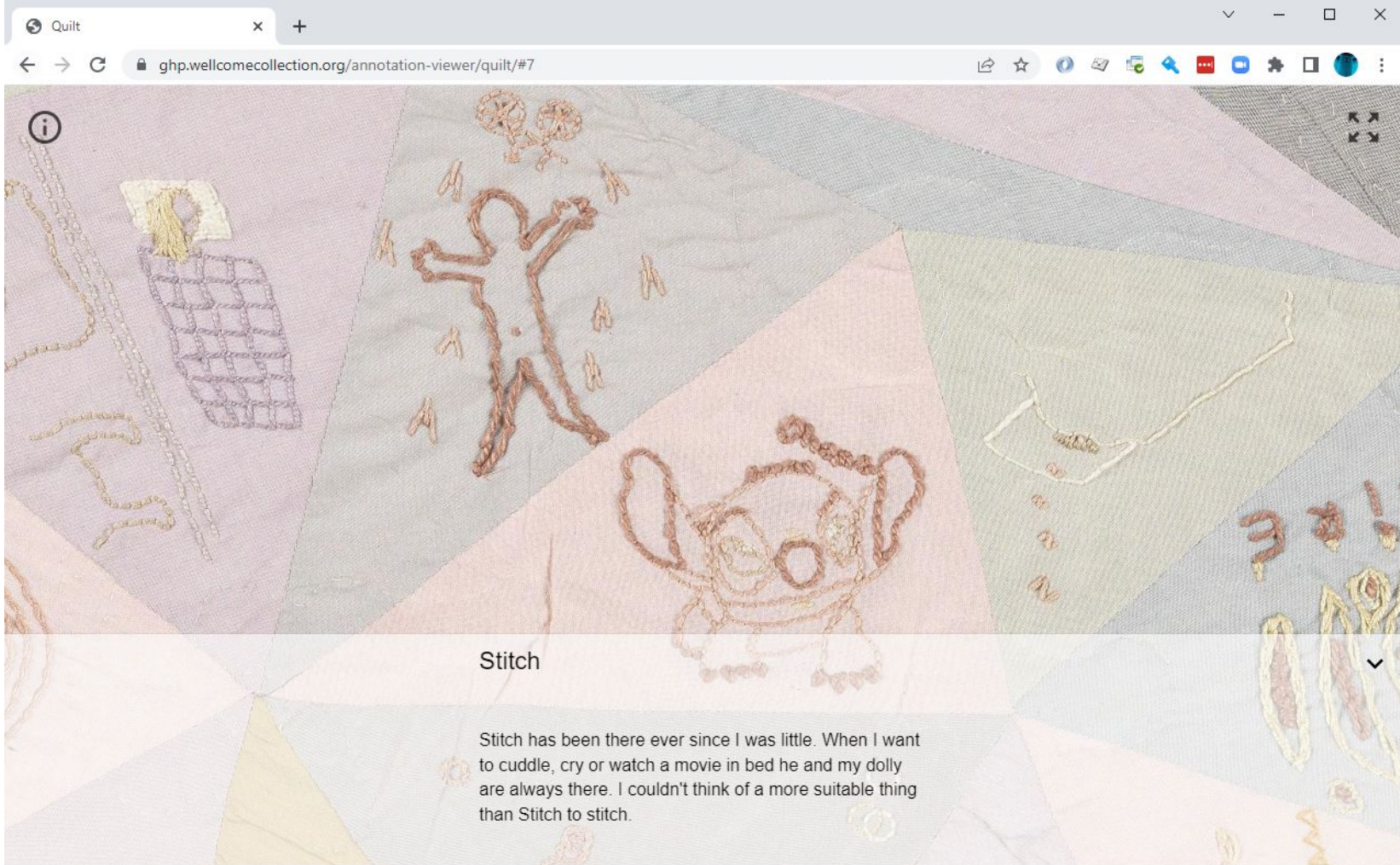
Stitch

Stitch has been there ever since I was little. When I want to cuddle, cry or watch a movie in bed he and my dolly are always there. I couldn't think of a more suitable thing than Stitch to stitch.

In this signed piece Antonio Aguatti turned to a more domestic subject. Interestingly, while the grass is set using two-coloured glass pieces, Aguatti limited himself to single-coloured tesserae for the dog's coat, possibly to create contrast between plant and animal.

Spaniel after Johann Wenzel Peter (Rome, 1800–2[5])
set in a snuffbox
Antonio Aguatti (died 1846)
The Rosalinde and Arthur Gilbert Collection on lo[an to the Victoria and]
Albert Museum, London

‹ Exit slideshow

Spaniel after Johann Wenzel Peter (Rome, 1800–25)
set in a snuffbox
Antonio Aguatti (died 1846)
The Rosalinde and Arthur Gilbert Collection on loan to the Victoria and Albert Museum, London

EXHIBITION PREVIEW   ANNOTATIONS
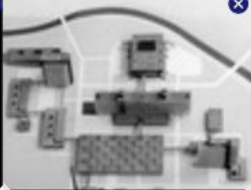
DLCS   IIIF EXPLORER   PROPERTIES

Rise of a Campus

A campus is a living thing. It expands and shrinks. It follows the changing needs of the university. It can be perceived as lively yet it can be boring. In an ideal situation, knowledge garnered from the most exotic branches of research walls through the air. Some see the campus as the epitome of the grandeur of a university, others see it as an industrial area. Just like any other neighbourhood, it has a distinct style and atmosphere.
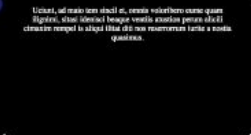
FROM THE KANAALWEG TO THE THIJSSE...

Geodesy instructor Jan Ebbinga operating a spirit level on campus in preparation for an open day of the Faculty of Geodesy around 1980.
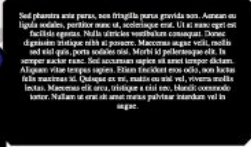
Ucituxi, ad maio iem sincil et, cemu. voloribero eume quam ilignitei, sitaui idenici beaque vestiis nondum perum obicili cimaxice rempel is aliqui illtat diti nos reserrorum iaritic z nostia quasinus.

Uituxi, ad maio iem sincil et, cemu voloribero eume quam ilignitei, sitaui idenici beaque vestiis nondum perum obicili cimaxice rempel is aliqui illtat diti nos reserrorum iaritic z nostia quasinus.

Sed pharetra ante puras, non fringilla puras gravida non. Aenean eu ligula sodales, portitor nunc ut, scelerisque erat. Ut at nunc eget est facilisis egestas. Nulla ultricies vestibulum consequat. Maecenas augue velit, mollis sed nisl quis, porta sodales nisi. Morbi id pellentesque elit. In semper auctor nunc. Sed accumsan sapien sit amet tempor dictum. Aliquam vitae tempus sapien. Etiam tincidunt eros odio, non luctus felis maximus id. Quisque ex mi, mattis eu nisl vel, viverra mollis lectus. Maecenas elit amet metus pulvinar interdum vel in augue.

Single Image Canvas

Sed pharetra ante puras, non fringilla puras gravida non. Aenean eu ligula sodales, portitor nunc et, scelerisque erat. Ut at nunc eget est facilisis egestas. Donec dignissim tristique nibh ut posuere. Maecenas augue velit, mollis sed nisl quis, porta sodales nisi. Morbi id pellentesque elit. In semp...

Xᴀ   Current Language   English

Canvas

Label

Mixed media canvas

Summary

Sed pharetra ante purus, non fringilla purus gravida non. Aenean eu ligula sodales, porttitor nunc ut, scelerisque erat. Ut at nunc eget est facilisis egestas. Nulla ultricies vestibulum consequat. Donec dignissim tristique nibh ut posuere. Maecenas augue velit, mollis sed nisl quis, porta sodales nisi. Morbi id pellentesque elit. In semper auctor nunc. Sed accumsan sapien sit amet tempor dictum. Aliquam vitae tempus sapien. Etiam tincidunt eros odio, non luctus felis maximus id. Quisque ex mi, mattis eu nisl vel, viverra mollis lectus. Maecenas elit arcu, tristique a nisi nec, blandit commodo tortor. Nullam ut erat sit amet metus pulvinar interdum vel in augue.

Required Statement

Label

Value

Metadata

Label

Value

Rights

Behaviors

◯ row   ◯ column

Canvas Width/Height in Exhibition View

First-class state room

The Aquitania's first-class cabins were designed by architect Arthur Davis, whose firm, Mewès and Davis Architects, had decorated the famously opulent Ritz hotels in Paris and London. The cabins were "as spacious as a bedroom at the Ritz or the Barclay. 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).

Photograph from The New Art of Going Abroad, 1929, US. National Art Library: 38041986015030. © Victoria and Albert Museum, London
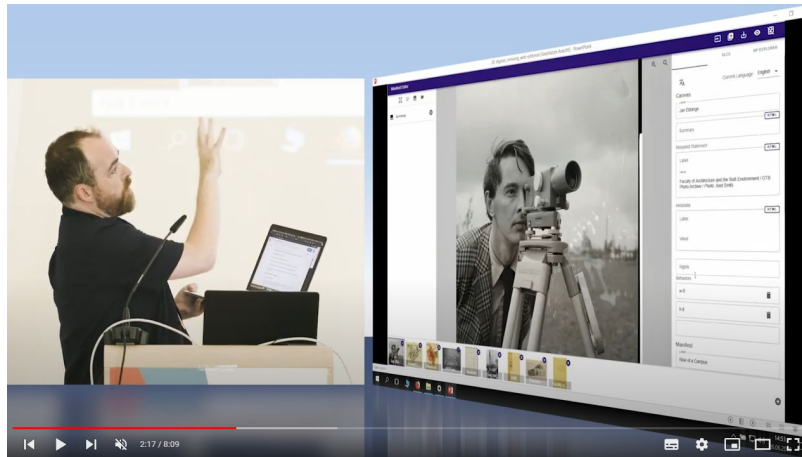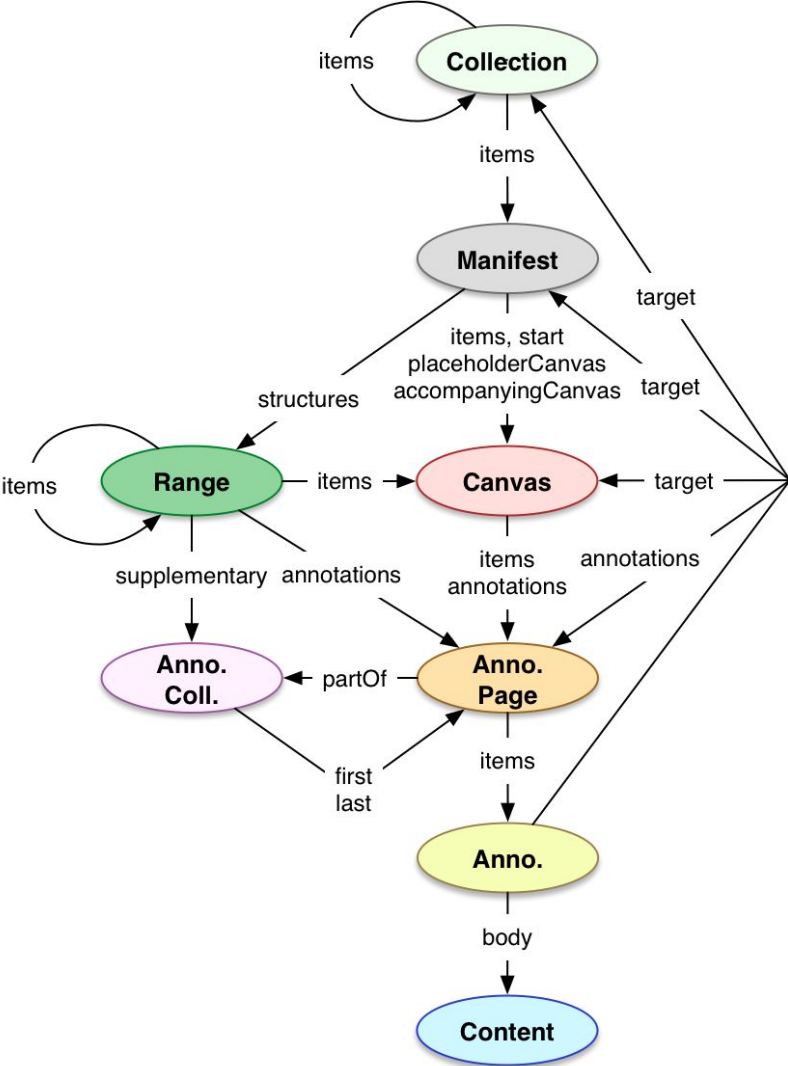
‹ Prev   Next ›

FREE EXPLORE

For more detail on how the previous Manifest Editor is used to make slideshows and digital exhibitions, see this presentation from IIIF 2019 in Göttingen:

General Purpose IIIF v3

An aid to learning IIIF

Collection

items

Manifest

items

target

items, start
placeholderCanvas
accompanyingCanvas

target

structures

Range — items → Canvas ← target

items

supplementary   annotations

annotations

items
annotations

annotations

target

Anno.
Coll. ← partOf — Anno.
Page

first
last

items

Anno.

body

Content

DELEGUES   2 ENGLISH   3 FRANCAIS   4 РУССКИЙ

DIRECTEUR GENERAL   PRESIDENT   RAPPORTEUR   SECRET

SECRETARIA

An Application Framework

digirati

What other things do people who work with Manifests do?

Cutting up Big Manifests into smaller ones

Assembling derived Manifests from
multiple source Manifests
(e.g., a correspondence)

Bulk labelling of Canvases
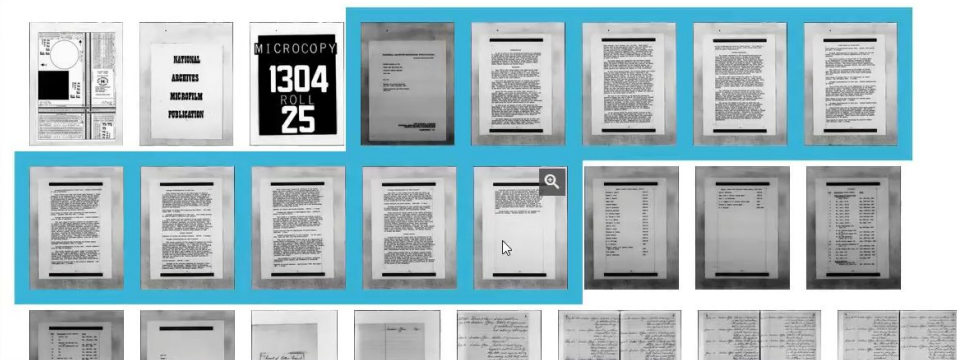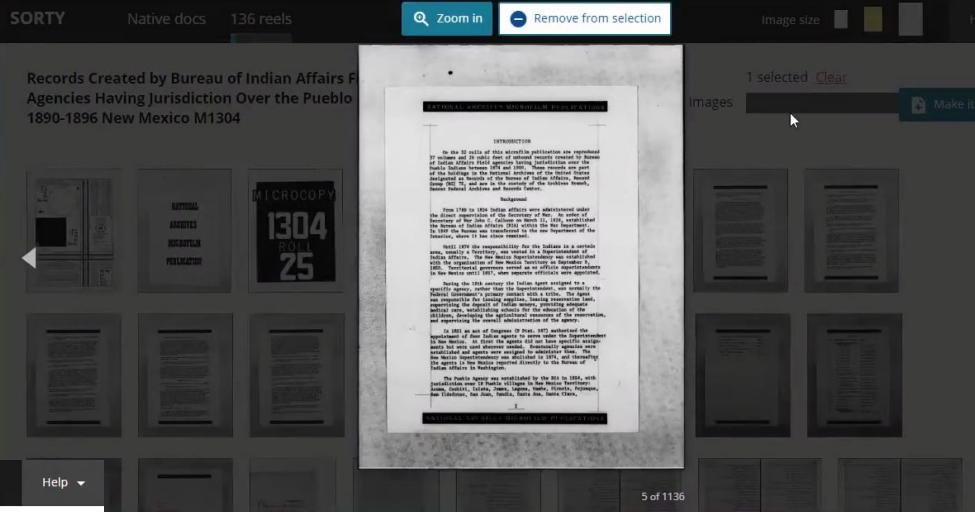 - pagination, foliation

Ordering

Building IIIF Collections
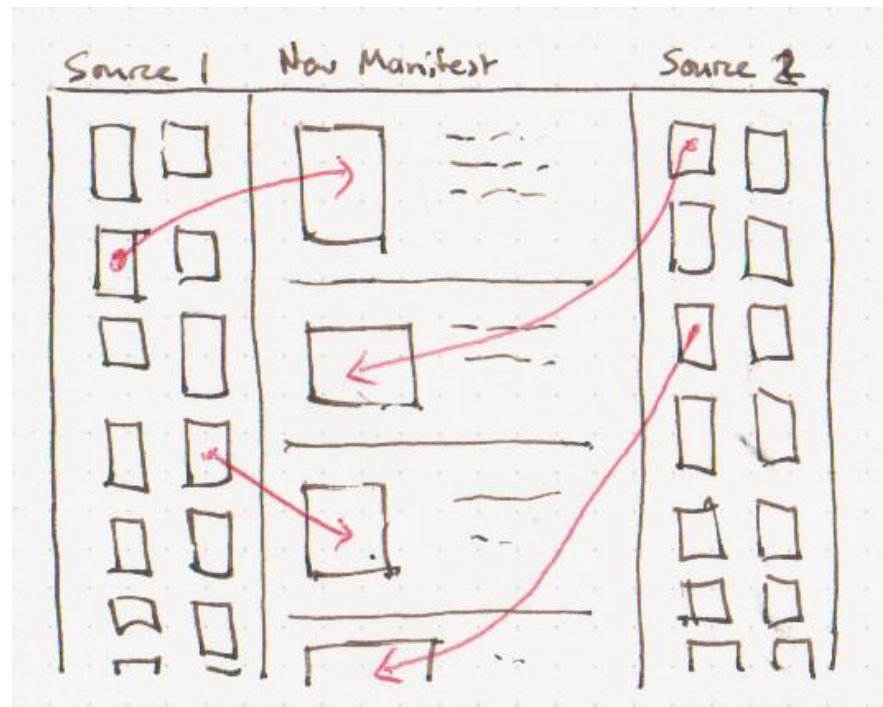
SORTY Native docs 136 reels Image size Help

Records Created by Bureau of Indian Affairs Field Agencies Having Jurisdiction Over the Pueblo Indians 1890-1896 New Mexico M1304

1136 images

MICROCOPY 1304 ROLL 25
NATIONAL ARCHIVES MICROFILM PUBLICATION

SORTY Native docs 136 reels Zoom in Remove from selection Image size

Records Created by Bureau of Indian Affairs F Agencies Having Jurisdiction Over the Pueblo 1890-1896 New Mexico M1304

1 selected Clear

images Make it

5 of 1136

SORTY Native docs 136 reels Image size Help

Records Created by Bureau of Indian Affairs Field Agencies Having Jurisdiction Over the Pueblo Indians 1890-1896 New Mexico M1304

10 selected Clear

1136 images Make item

MICROCOPY 1304 ROLL 25
NATIONAL ARCHIVES MICROFILM PUBLICATION

Finding aid
10 images
Publish to Omeka
Delete this item
View in the Universal Viewer

An item
12 images
Publish to Omeka
Delete this item
View in the Universal Viewer
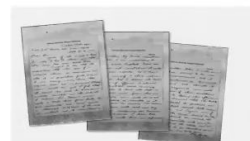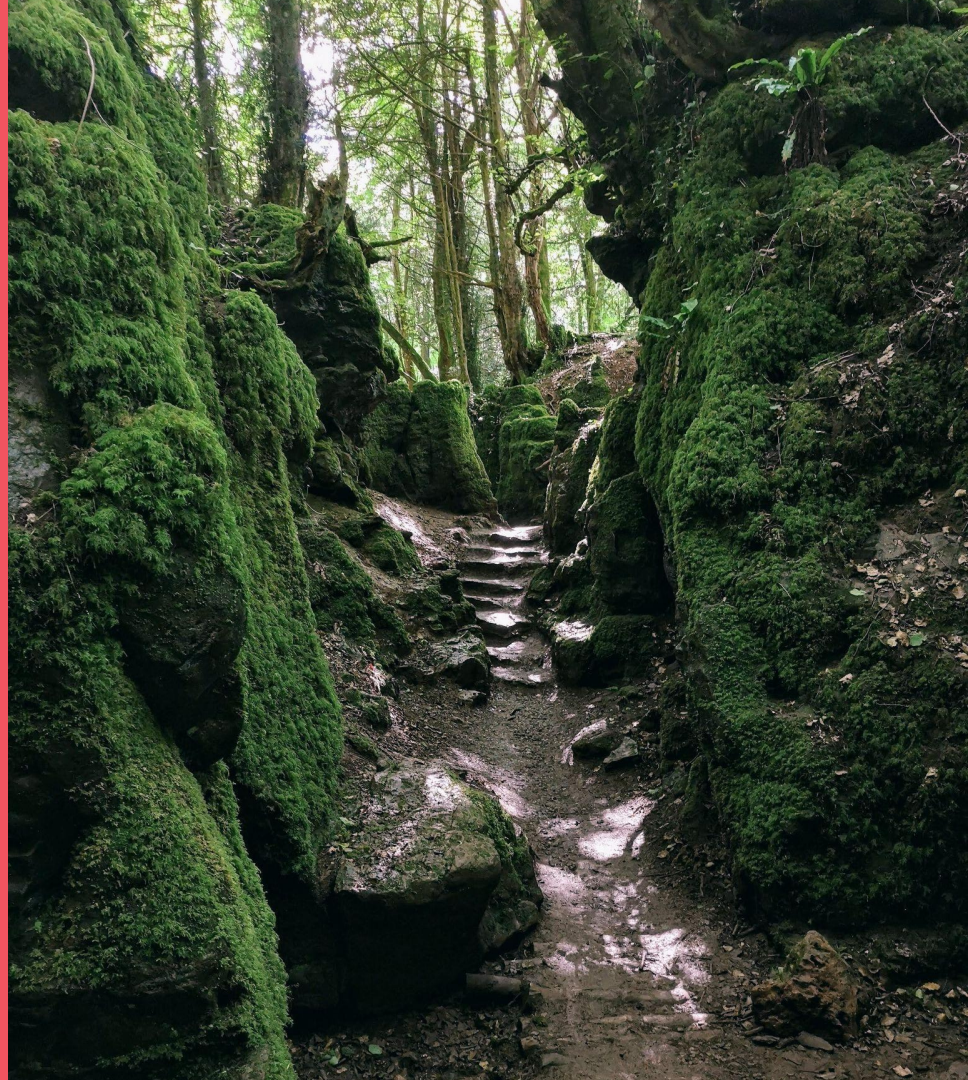
Letter from person A to person B
4 images
Publish to Omeka
Delete this item
View in the Universal Viewer

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- Sorting room

- Bulk labelling / foliation

- Range editing

- Collection Editing

- Manifest merging

- Manifest splitting

- Bulk creation

All of these *Tasks* can benefit from Application Services

Manifest Editor

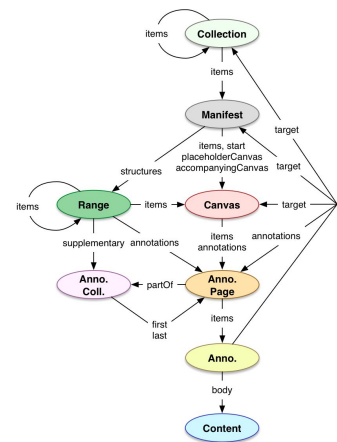# Considerations and challenges

Don't make me think!

… but open any existing Manifest, and Create any Manifest

Provide intuitive user interface

… without losing power of the IIIF Model

Work in terms of media and labels

… but don't lose power of annotations and language maps

The Problem of Persistence!

A IIIF Manifest is more like a web page than a slide deck.

Edit the web page, it's just a text document with tags in it. Editing the web page doesn't take care of all the links and images… persistence:

- of the Manifest itself
- of the resources linked from the Manifest

… images, image services, and more

Both of these need **infrastructure**

To be useful in multiple environments, the Manifest Editor must be easy to integrate into different persistence mechanisms.

Manifest persistence can be very lightweight

Where are you saving the Manifest?

Where are the things in the Manifest?

Integration

File -> Open

Preview

Save

[Add new Canvas(es)](#)

Save to GitHub, Save to IIIF REST, save to whatever…

[See more on the Wiki](#) / [Discuss](#)

Product Vision

Technical Information

Manifest Editor

How does it work?

- Manifest Editor uses **Vault** to manage IIIF

- Provides a *Shell* to load, save, preview IIIF resources, and other application services

- Provides extensibility and configuration to plug in your own persistence... (examples to come)

  - Your repository

  - Your CMS

  - A IIIF REST endpoint

  - GitHub

  - Local Filesystem

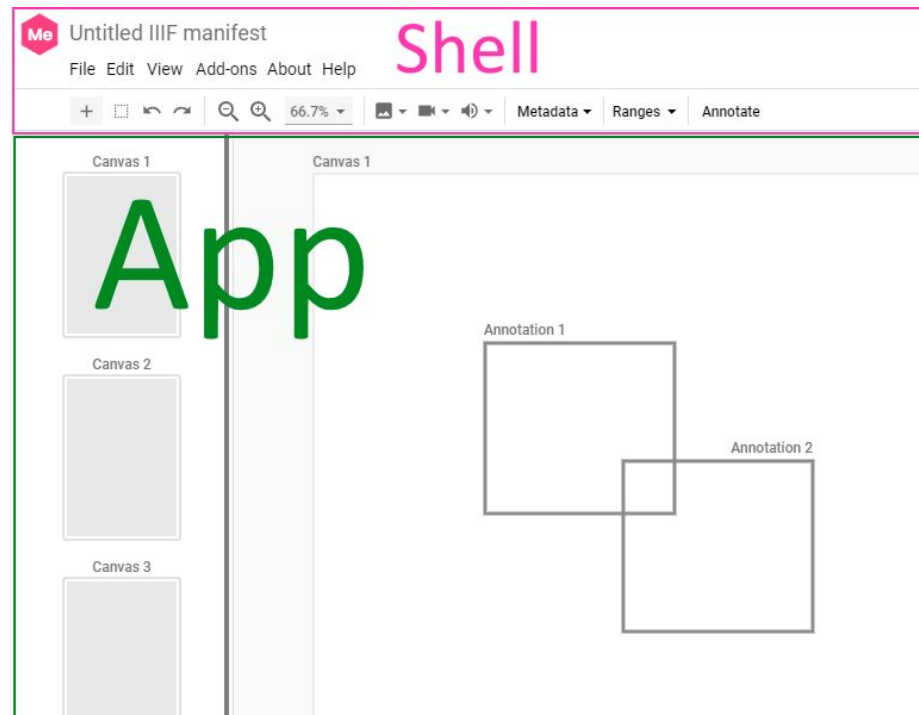Reuse the framework of the Shell to host Apps

Inherit:

State Management (vault)

Undo/redo stack

Preview services
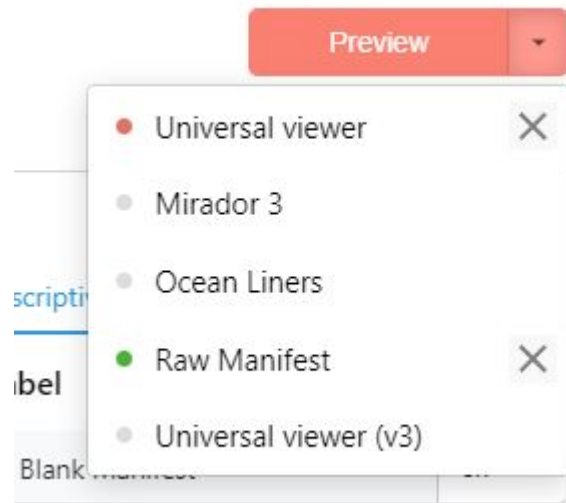
Loading, Saving, Browsing IIIF

But out of the box:

- Continuous Save

- Long lasting Preview (+ shareable)

- Unobtrusive backend - "just works"

- Export (as v2 and v3)

Later - shared state, multiple people editing etc

Manifest Editor is a JS app + a lightweight hosted (free*) service

Preview

- Universal viewer ✕
- Mirador 3
- Ocean Liners
- Raw Manifest ✕
- Universal viewer (v3)

scripti

bel

Blank

Manifest Editor

Demo!!!

(Emergency backup video here)

Manifest Editor

What next?

Still working on

- Multiple media on same canvas
- Positioning media on the Canvas
- Browsing arbitrary IIIF for selection

Would like to add

- A further persistence mechanism
- AV
- Better editors for services
- Range Editing
- Collection Editing
- …well, all the features mentioned so far, really

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Funding so far from Delft and National Gallery / TANC has
allowed us to develop what you've seen here

What Apps / tools would *you* like to see?
We are keen to develop more of these Apps!

What kinds of persistence should we be thinking about?

We will host a version that allows you to persist media directly (creates IIIF Image Services, transcodes video etc).

But we don't make the Editor dependent on that, you should be able to plug anything into it.

Interested in seeing whether a low cost service that included full IIIF persistence and management of both assets and Presentation API would be viable, where there is no DAMS/Preservation => IIIF pipeline already.

Thank you!

The Editor:

manifest-editor-testing.netlify.app

These slides:

bit.ly/ManifestEditor2022

On GitHub:

/digirati-co-uk/iiif-manifest-editor

@digirati_uk

contact@digirati.com

digirati

Seed questions

[IIIF Browsing and Content State](#)

[Embedded and Referenced Annotation Pages](#)

[Other POCs](#)

https://tomcrane.github.io/scratch/contentstate/cs.html