Towards a National Collection

Practical Applications of IIIF

Manifest Editor

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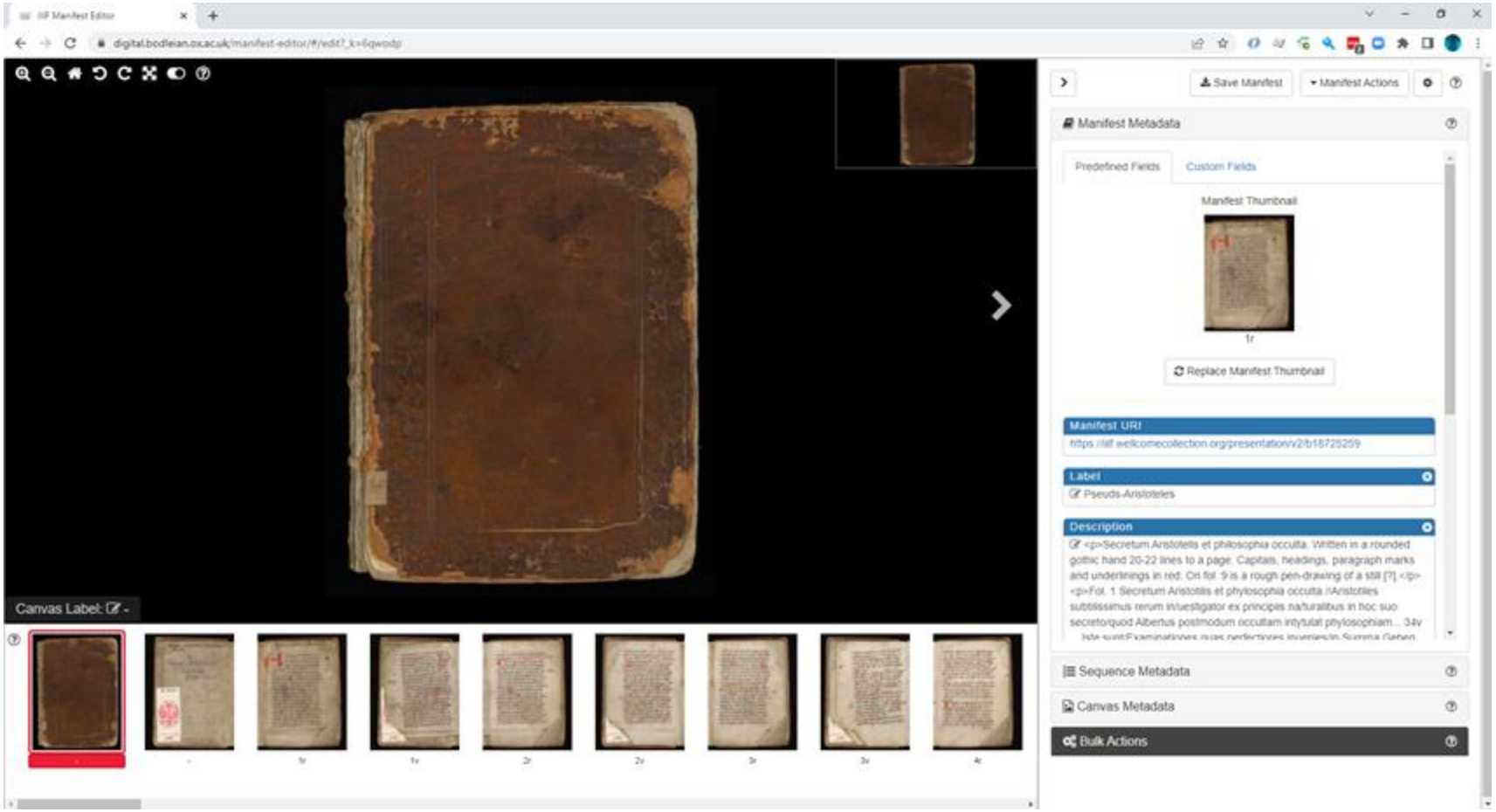
digirati

Manifest Editor

Precedent

Precedent: Bodleian Manifest Editor



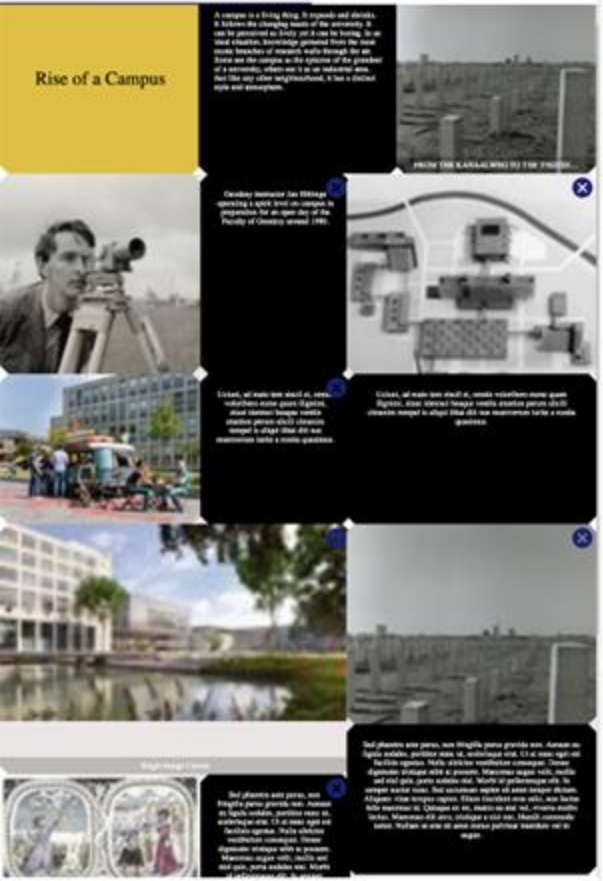
In this signed piece Antonio Aguatti turned to a more domestic subject. Interestingly, while the grass is set using two-coloured glass pieces, Aguatti limited himself to single-coloured tesserae for the dog's coat, possibly to create contrast between plant and animal.

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

vodafone UK 4G 15:19 44%
vam.ac.uk
‹ 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

Manifest Editor

EXHIBITION PREVIEW | ANNOTATIONS



DLCS | IIIF EXPLORER | PROPERTIES

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 at 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

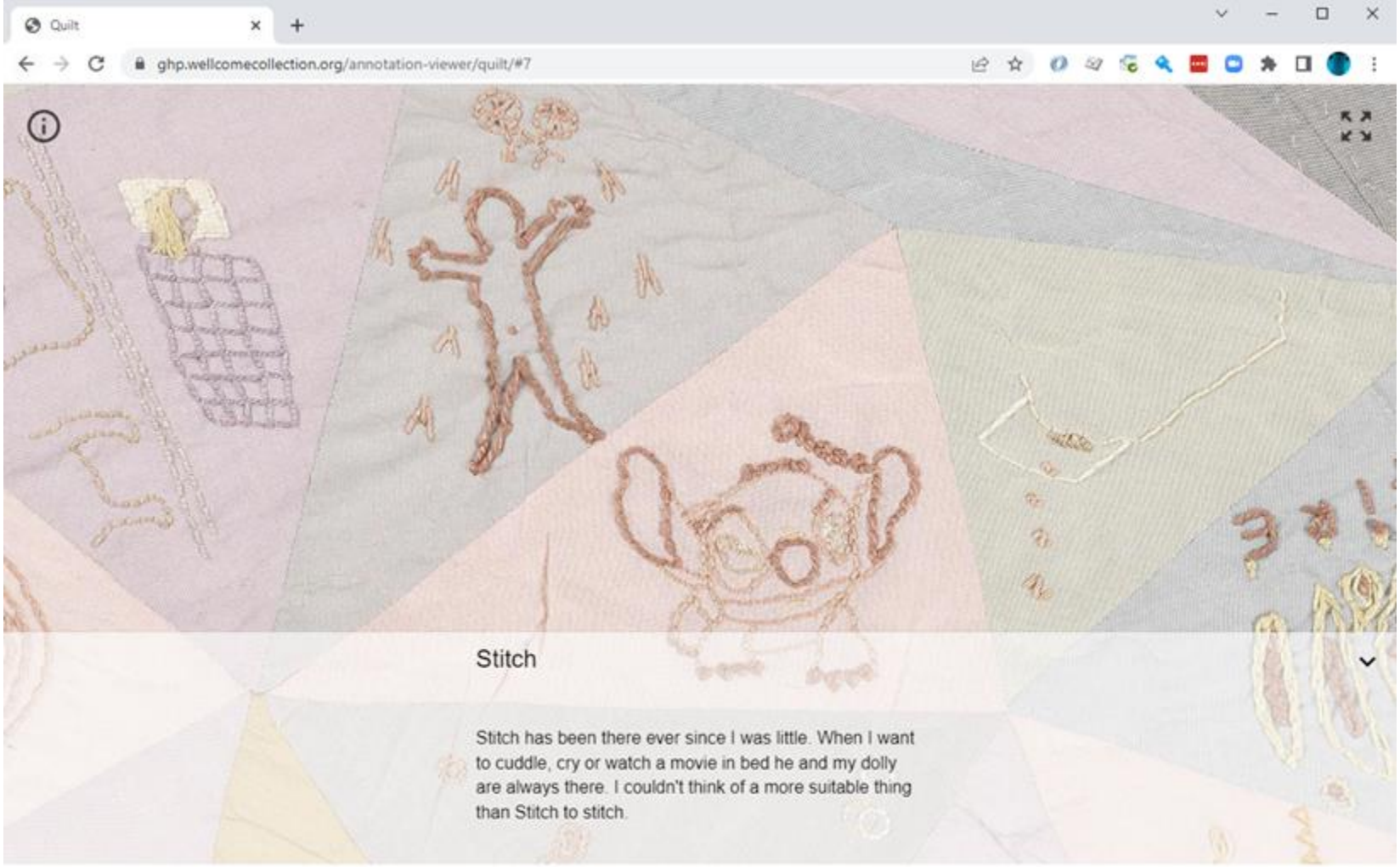
Value

Rights

Behaviors

row column

Canvas Width/Height in Exhibition View


Quilt
ghp.wellcomecollection.org/annotation-viewer/quilt/#7
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.
8 of 65
Rotate

Manifest Editor

User Research

Steps in process

Creating GitHub issue list

Create a product strategy

January

- Naming the vision
- Project objectives
- Identify user types
- Success criteria (outcomes)
- Solutions to problems
- Recruit user pool for survey and subsequent testing

Product backlog

January

- Identify gaps
- Prioritise Backlog
- Create actionable development tickets

Design

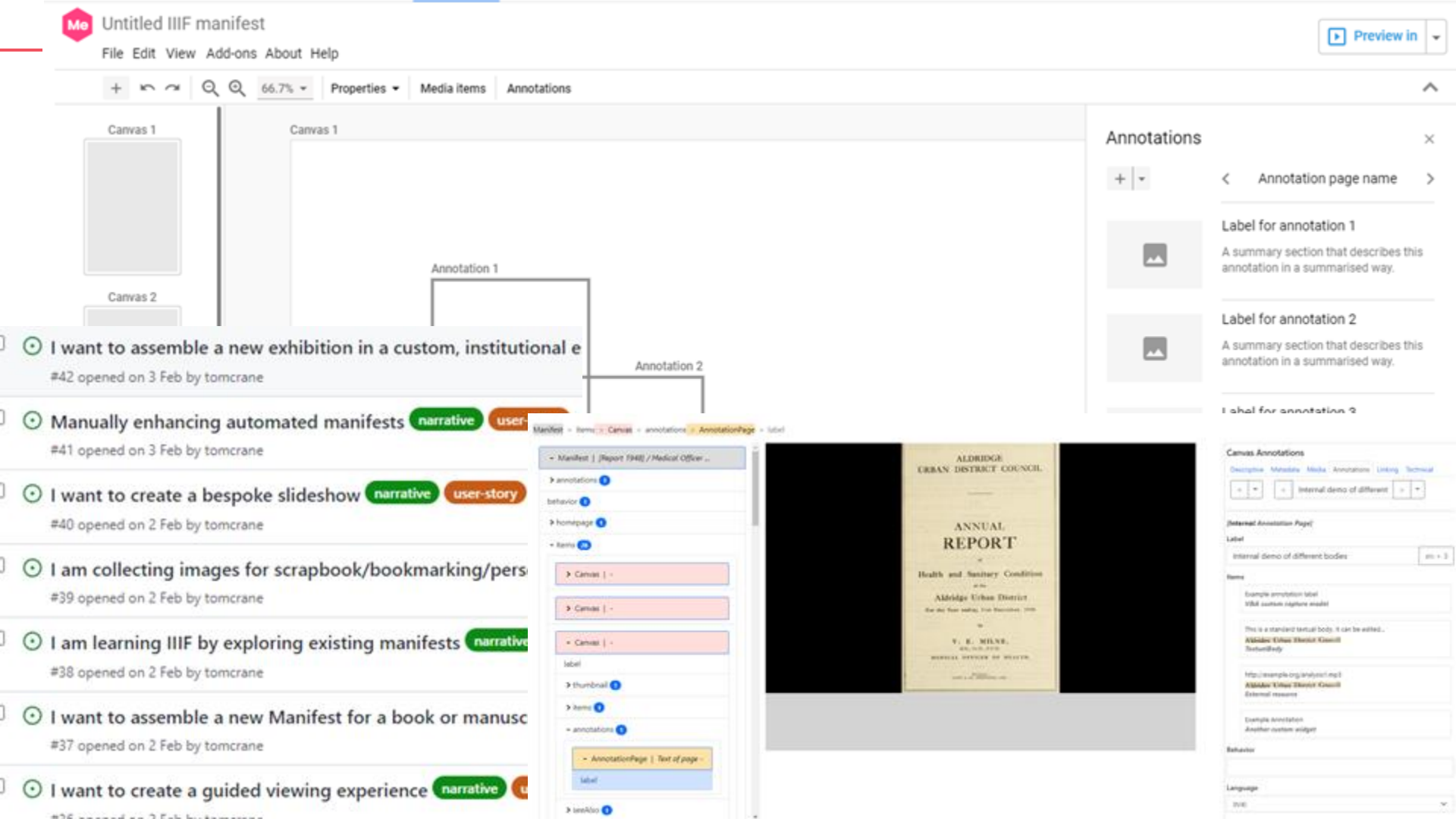
January

- Survey?
- Wireframes/UI design
- User testing

Iterative Development Cycle

February - March

- 4 x 2 week sprints
- continuous user testing
- Regular stakeholder updates


Untitled IIIF manifest
File Edit View Add-ons About Help
Preview in
66.7%
Properties
Media items
Annotations
Canvas 1
Canvas 1
Canvas 2
Annotation 1
Annotation 2
Annotations
Annotation page name
Label for annotation 1
A summary section that describes this annotation in a summarised way.
Label for annotation 2
A summary section that describes this annotation in a summarised way.
I want to assemble a new exhibition in a custom, institutional e
#42 opened on 3 Feb by tomcrane
Manually enhancing automated manifests
narrative
#41 opened on 3 Feb by tomcrane
I want to create a bespoke slideshow
narrative
user-story
#40 opened on 2 Feb by tomcrane
I am collecting images for scrapbook/bookmarking/pers
#39 opened on 2 Feb by tomcrane
I am learning IIIF by exploring existing manifests
narrative
#38 opened on 2 Feb by tomcrane
I want to assemble a new Manifest for a book or manusc
#37 opened on 2 Feb by tomcrane
I want to create a guided viewing experience
narrative
ALDRIDGE
URBAN DISTRICT COUNCIL
ANNUAL
REPORT
Health and Sanitary Condition
Aldridge Urban District
Canvas Annotations

Manifest Editor

Product Vision

Full Product Vision

While most Manifests today are published by automated workflows, the ability to hand-craft Manifests opens up many potential applications for research and scholarship as well as creation of bespoke content for digital user experiences: stories, slide shows, exhibitions.

A Manifest Editor should:

- … be a useful tool no matter what level of IIIF expertise you have, e.g.,
    - IIIF experts as an alternative to hand-editing
    - People learning IIIF
    - People who don’t need or want to learn IIIF, but want to create new content - don’t need to understand the “file format”

https://manifest-editor-testing.netlify.app/

Materials:

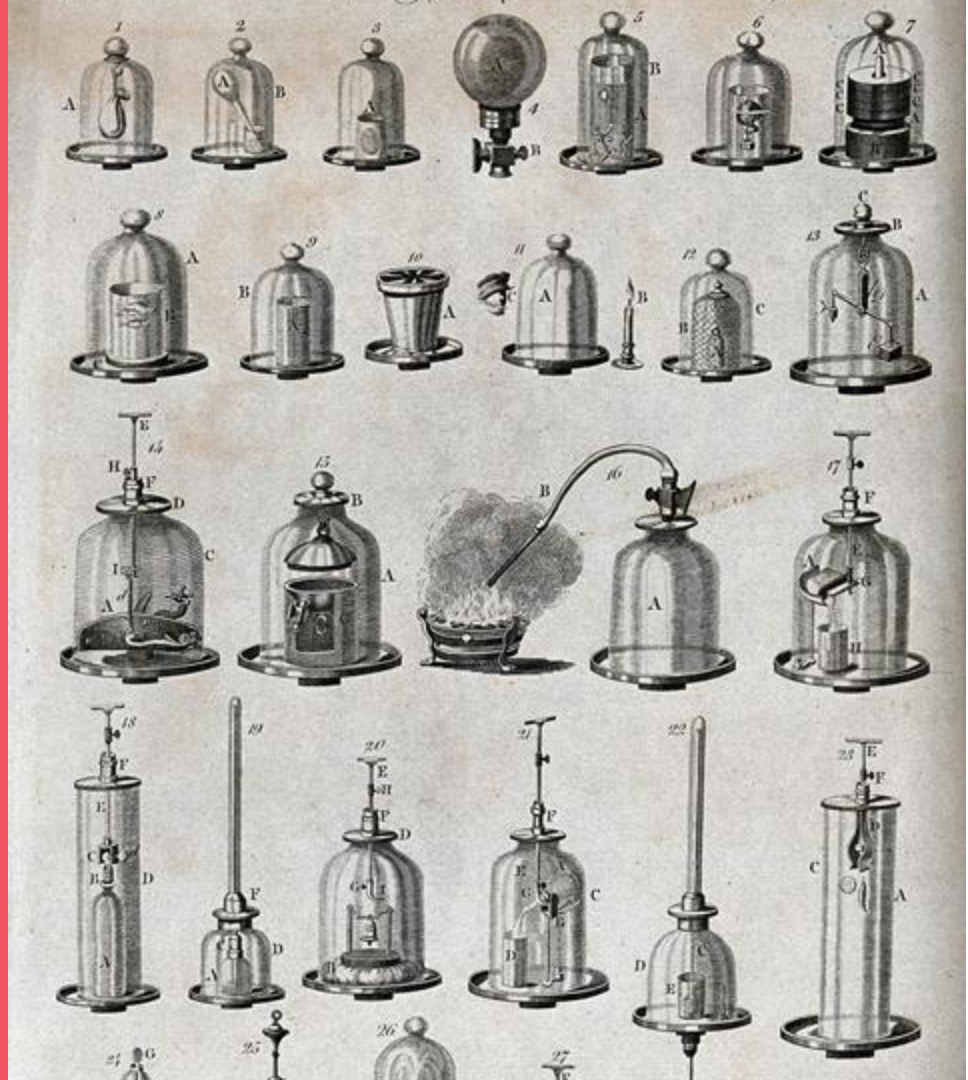
Static images

Image services

Test Script 001 (and a test manifest)

Manifest Editor

Use cases



Assemble Manifests from multiple media sources

Integrate into production workflows - load, browse, save

Create Manifests intended for the widest interoperability

Created Manifests that drive custom viewing experiences (but are still valid IIIF Manifests)

View and create annotations on Canvases

Support advanced composition features - collages

Who makes their own Manifests and why do they do it?

What adjacent tasks might they want to do?

Narratives

Most Manifests are simple… but some are not

User journeys with commentary and links to GitHub issues

Related tasks - what other things do Manifest people do?

Sorting Room

Cutting up Big Manifests

Assembling derived Manifests from multiple source Manifests

Bulk labelling of Canvases - pagination, foliation

Building IIIF Collections

Manifest Editor

Considerations and challenges

What do you expect to be able to do if you walk up to a manifest editor and start work?

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.

The Problem of 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?

What exactly is the Manifest Editor?

The Manifest Editor is an open source, client side JavaScript application released under the MIT licence, which effectively means anyone can take it and do what they want with it. It does not require any server-side components. People can take the source code and host it at low cost, or no cost (e.g., in GitHub Pages). We hope institutions will find it easy to integrate it into their existing workflows and tools and we'll provide examples of how to do this.

That doesn't help the casual or independent user. They aren't going to set up or configure anything.

So there will also be a hosted version of the Manifest Editor, that anyone can just walk up to and start using. This is just like the hosted instance of the Bodleian Manifest Editor. It's a JavaScript web application, there's no login, no account required, no collection of user data. Users will be able to visit it on the web and assemble a Manifest.

You will be able to preview, make permalinks, and export as v3 and v2.

Later we'll plug in persistence for **assets**, too.

Related tasks - what other things do Manifest people do?

Reuse the framework of the Shell to host Apps

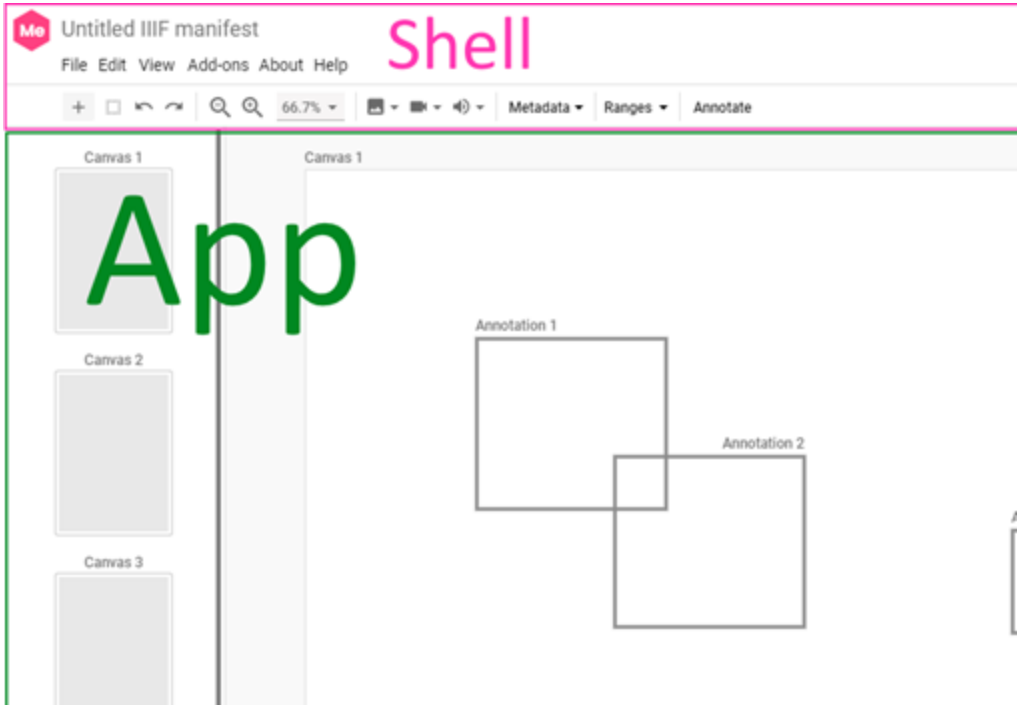
Inherit:

State Management (vault)

Undo/redo

Preview services

Loading, Saving, Browsing



Integration

File -> Open

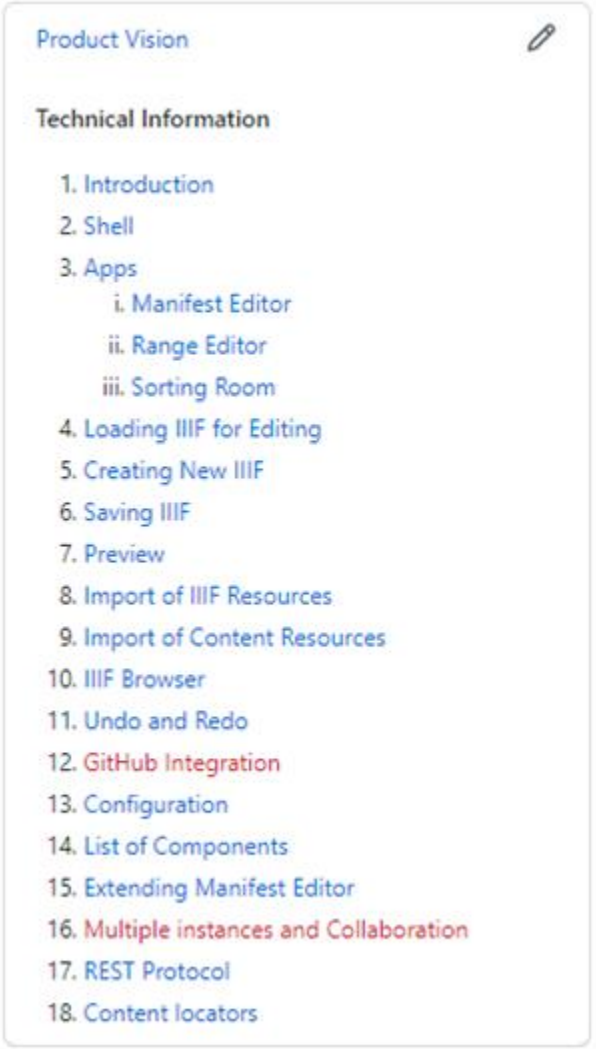
Preview

Save

Add new Canvas(es)

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

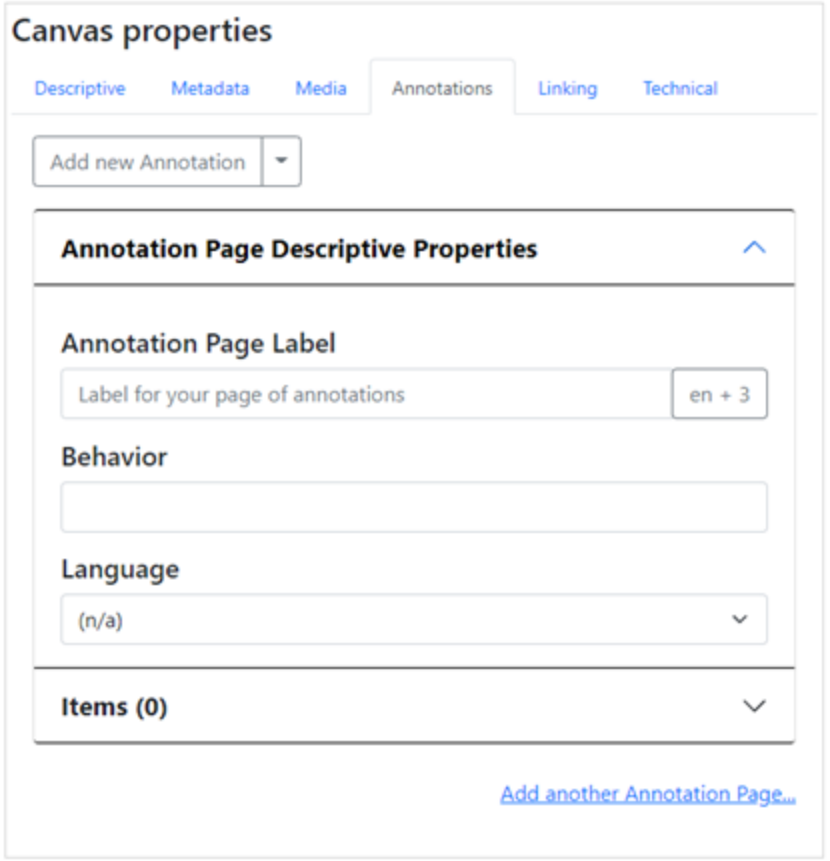
See more on the Wiki / Discuss



Manifest Editor

Prototypes and wireframes

4. A single embedded Annotation Page



Have the tool do as much work for you as possible

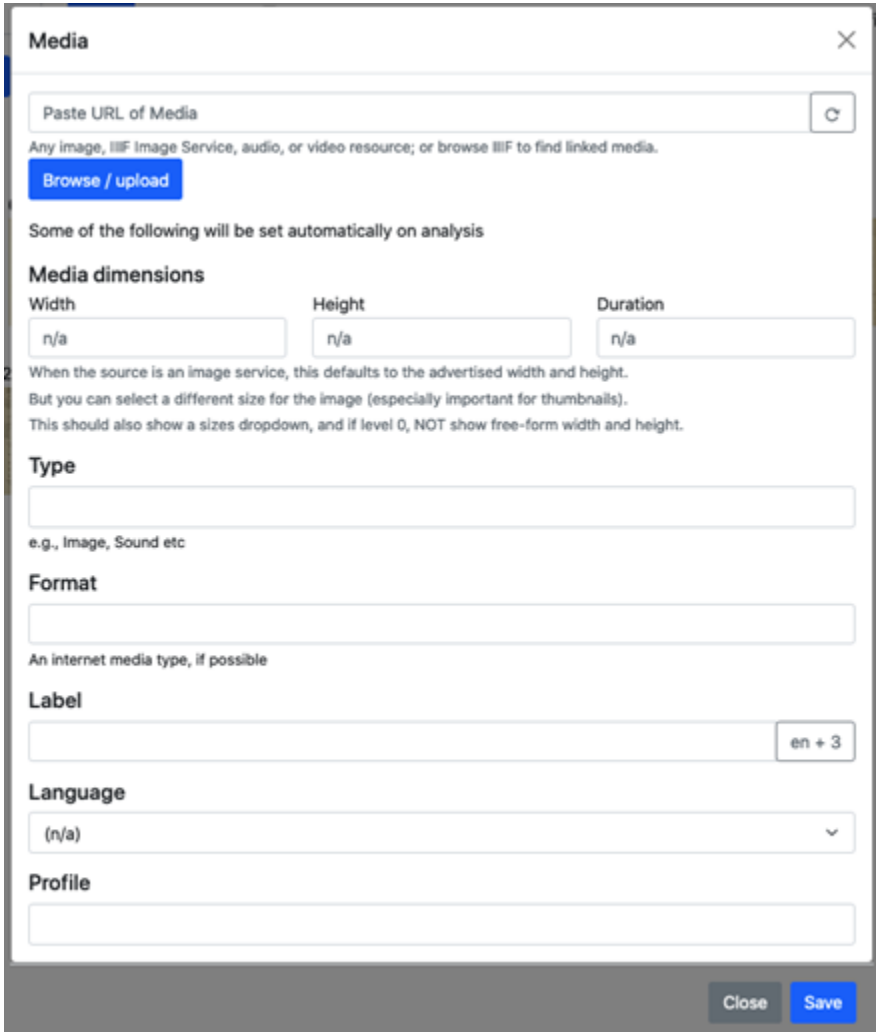
Be clever about sniffing out what's at the other end of a link

Don't make the user fill out a form field that we could have deduced ourselves. Not only does this save work for the user, but it helps with learning.

Be familiar - but not so much that it misleads.

We can borrow a lot from slides, but we must be mindful of the differences

How much do we surface the mechanics of IIIF in a purely visual tool?


Media
Paste URL of Media
Any image, IIIF Image Service, audio, or video resource; or browse IIIF to find linked media.
Browse / upload
Some of the following will be set automatically on analysis
Media dimensions
Width
Height
Duration
n/a
n/a
n/a
When the source is an image service, this defaults to the advertised width and height.
But you can select a different size for the image (especially important for thumbnails).
This should also show a sizes dropdown, and if level 0, NOT show free-form width and height.
Type
e.g., Image, Sound etc
Format
An internet media type, if possible
Label
en + 3
Language
(n/a)
Profile
Close
Save

Needs to handle whatever gets loaded into it

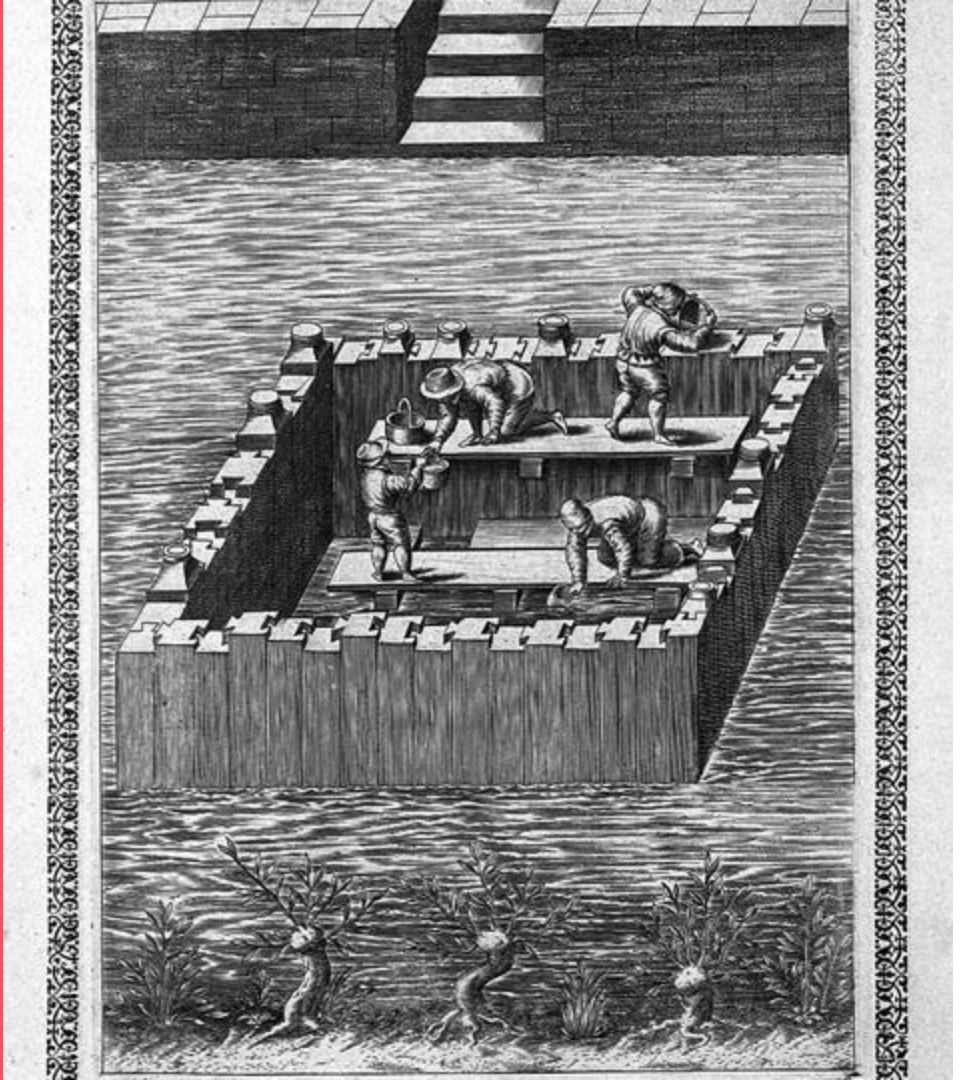
Manifests have complex structures, and ME is a visual tool, so needs to reflect complex structures in its UI without being overwhelming.

Can we simplify the presented UI as much as possible, but still be able to manage any valid manifest?

(sticking with images for now)

Manifest Editor

Foundations



We have (we think) a coherent picture of the Manifest Editor framework and its hosted Apps

(just one atm)

It's built on top of other components:

Vault - now in IIIF commons - for loading, normalisation and state management

Canvas Panel - UI component for rendering any Canvas - and for drawing annotations on

Manifest Editor

Questions

Seed questions

IIIF Browsing and Content State

Embedded and Referenced Annotation Pages

Other POCs

Support us!

These slides:

bit.ly/tanc-tc3

On GitHub:

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

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Thank you!

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