

Towards a National Collection

Practical Applications of IIF

Manifest Editor

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Manifest Editor

Precedent

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).

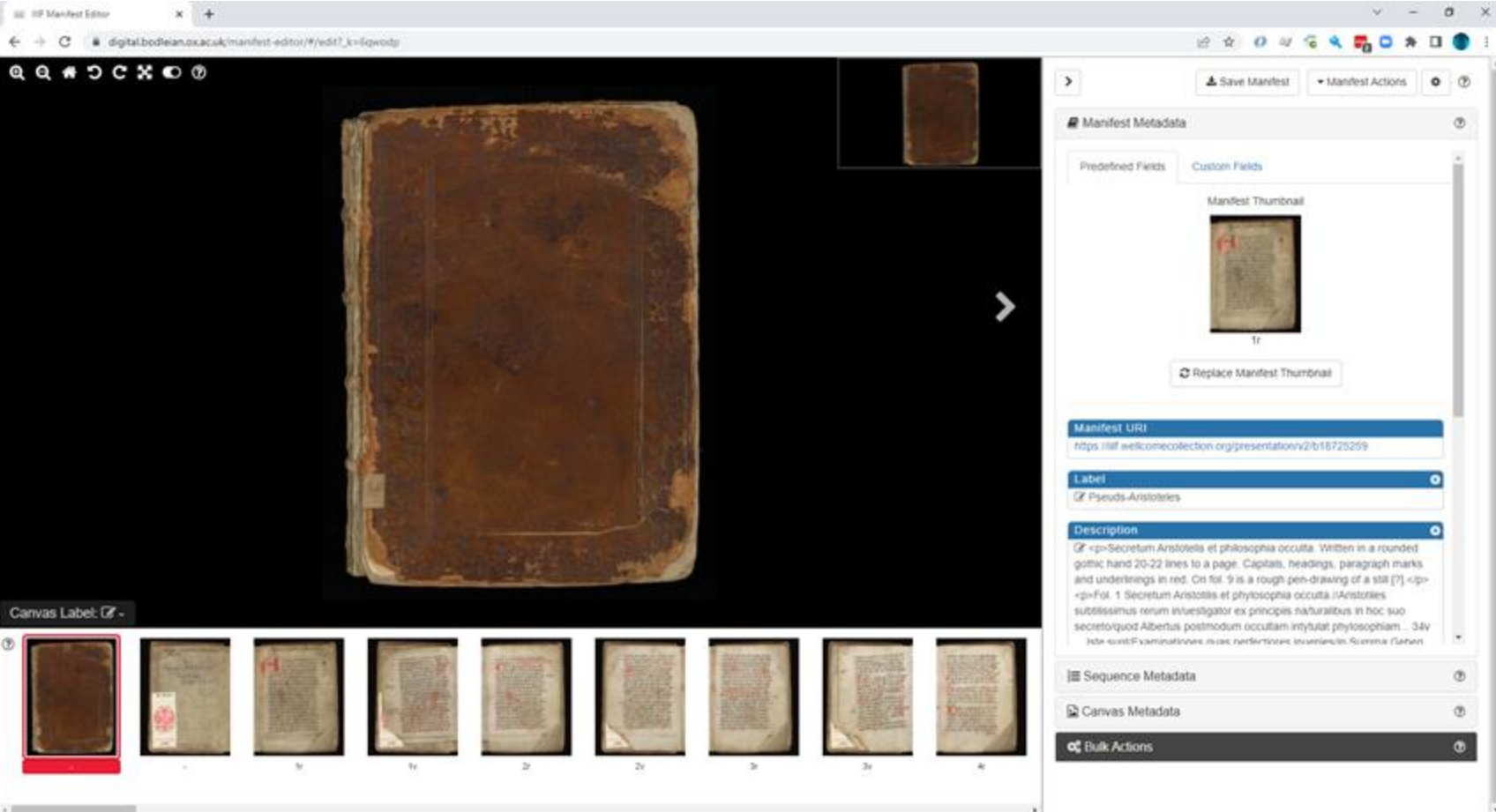
Photograph from The New Art of Going Abroad, 1929. US. National Art Library: 38041986015030. © Victoria and Albert Museum, London

◀ Prev

Next ▶

Manifest Editor

digital.bodleian.ox.ac.uk/manifest-editor/#/edit?_k=ilqwdp



Save Manifest Manifest Actions

Manifest Metadata

Predefined Fields Custom Fields

Manifest Thumbnail

1r

Replace Manifest Thumbnail

Manifest URI

<https://lib.wellcomecollection.org/presentation/v2/b/18725259>

Label

Pseuds-Aristoteles

Description

Secretum Aristotele et philosophia occulta. Written in a rounded gothic hand 20-22 lines to a page. Capitals, headings, paragraph marks and underlinings in red. On fol. 9 is a rough pen-drawing of a still [?].

Fol. 1 Secretum Aristotele et philosophia occulta // Aristoteles subtilissimus rerum investigator ex principis naturalibus in hoc suo secreto/ quod Albertus postmodum occultam intulit philosophiam... 34v

Nota sunt Examinatio in rebus, refectiones in universis, Schema (Anon.)

Sequence Metadata

Canvas Metadata

Bulk Actions

Canvas Label: -

1r

1r

2r

2r

3r

3r

4r



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, 1800–25)
set in a snuffbox
Antonio Aguatti (died 1846)
The Rosalinde and Arthur Gilbert Collection on loan to the
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



EXHIBITION PREVIEW

ANNOTATIONS

Rise of a Campus

A campus is a living thing. It expands and shrinks. It reflects the changing needs of the university. It can be measured in acres and in books, in its vital statistics, knowledge generated from the most recent invention of research, skills through the life of the brain as the campus as the epitome of the progress of a nation. It is not just a place to be measured, but the way it is measured, it has a direct role in its expansion.



FROM THE KANSAS ARCHITECTURE ARCHIVE

Charles Beemer has been working a quiet and complete in preparation for an open day of the Faculty of Science, 1900.



Looked, all main line about it, some relations about some space.



Looked, all main line about it, some relations about some space.



Looked, all main line about it, some relations about some space.

Looked, all main line about it, some relations about some space.



DCLS

MF EXPLORER

PROPERTIES



Current Language English

Canvas

Label

Mixed media canvas

Summary

Sed pharetra ante purus, non fringilla purus gravida non. Aenean eu ligula sodales, portitor nunc ut, scelerisque erat. Ut at nunc eget est facilis egestas. Nulla ultricies vestibulum consequat. Donec dignissim tristique nibh at posuere. Maecenas augue velit, mollis sed nisi 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 nisi 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



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.

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



Canvas 1

Annotation 1

Canvas 2

Annotation 2

I want to assemble a new exhibition in a custom, institutional e

#42 opened on 3 Feb by tomcrane

Manually enhancing automated manifests narrative user-story

#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 manuscr

#37 opened on 2 Feb by tomcrane

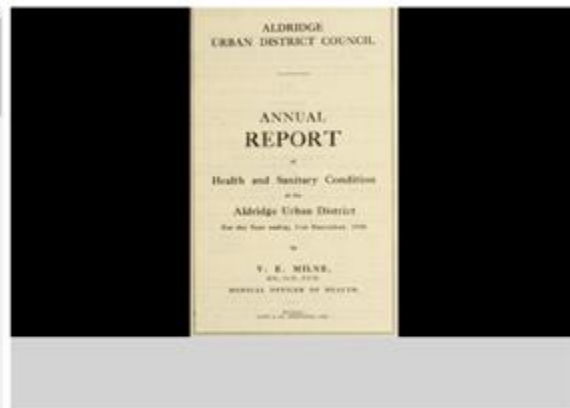
I want to create a guided viewing experience narrative u

#36 opened on 2 Feb by tomcrane

Manifest | Items | Canvas | annotations | AnnotationPage | label

Manifest | Report 1948 / Medical Officer ...

- annotations 1
- behavior 1
- homepage 1
- items 10
 - Canvas 1
 - Canvas 2
 - Canvas 3
- label
- thumbnail 1
- items 1
- annotations 1
 - AnnotationPage | Text of page
 - label
- labelList 1



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.

Label for annotation 3

Canvas Annotations

Description Metadata Media Annotations Linking Technical

Internal demo of different borders

(Internal Annotation Page)

Label

Internal demo of different borders

Items

Example annotation label
V&A custom capture model

This is a standard textual body. It can be edited.
Aldridge Urban District Council
Text body

http://example.org/annotation.html
Aldridge Urban District Council
External resource

Example annotation
Another custom widget

Behavior

Language

DUI

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 IIF 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](#)

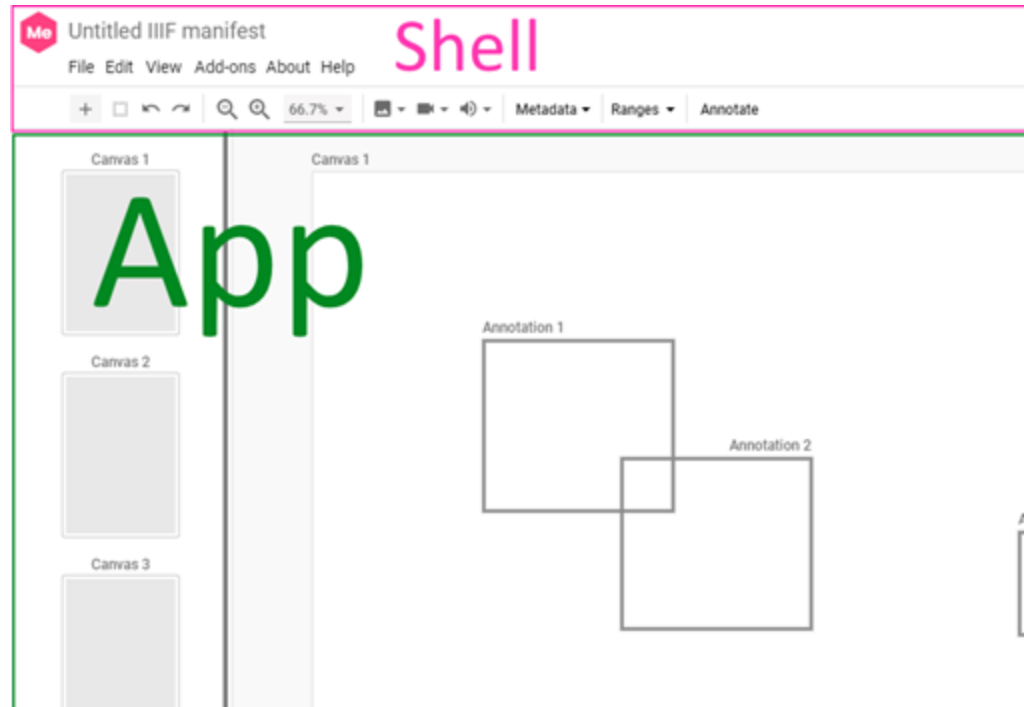
Inherit:

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](#)

Technical Information

1. Introduction
2. Shell
3. Apps
 - i. Manifest Editor
 - ii. Range Editor
 - iii. Sorting Room
4. Loading IIIF for Editing
5. Creating New IIIF
6. Saving IIIF
7. Preview
8. Import of IIIF Resources
9. Import of Content Resources
10. IIIF Browser
11. Undo and Redo
12. **GitHub Integration**
13. Configuration
14. List of Components
15. Extending Manifest Editor
16. **Multiple instances and Collaboration**
17. REST Protocol
18. Content locators

Manifest Editor

Prototypes and wireframes

4. A single embedded Annotation Page

Canvas properties

Descriptive Metadata Media Annotations Linking Technical

Add new Annotation ▾

Annotation Page Descriptive Properties ^

Annotation Page Label

Label for your page of annotations en + 3

Behavior

Language

(n/a) ▾

Items (0) ▾

[Add another 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 IIF in a purely visual tool?

Media ✕

Paste URL of Media C

Any image, IIF Image Service, audio, or video resource; or browse IIF to find linked media.

[Browse / upload](#)

Some of the following will be set automatically on analysis

Media dimensions

Width	Height	Duration
<input type="text" value="n/a"/>	<input type="text" value="n/a"/>	<input type="text" value="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

Language

 ▼

Profile

Close Save

Needs to handle whatever gets loaded into it

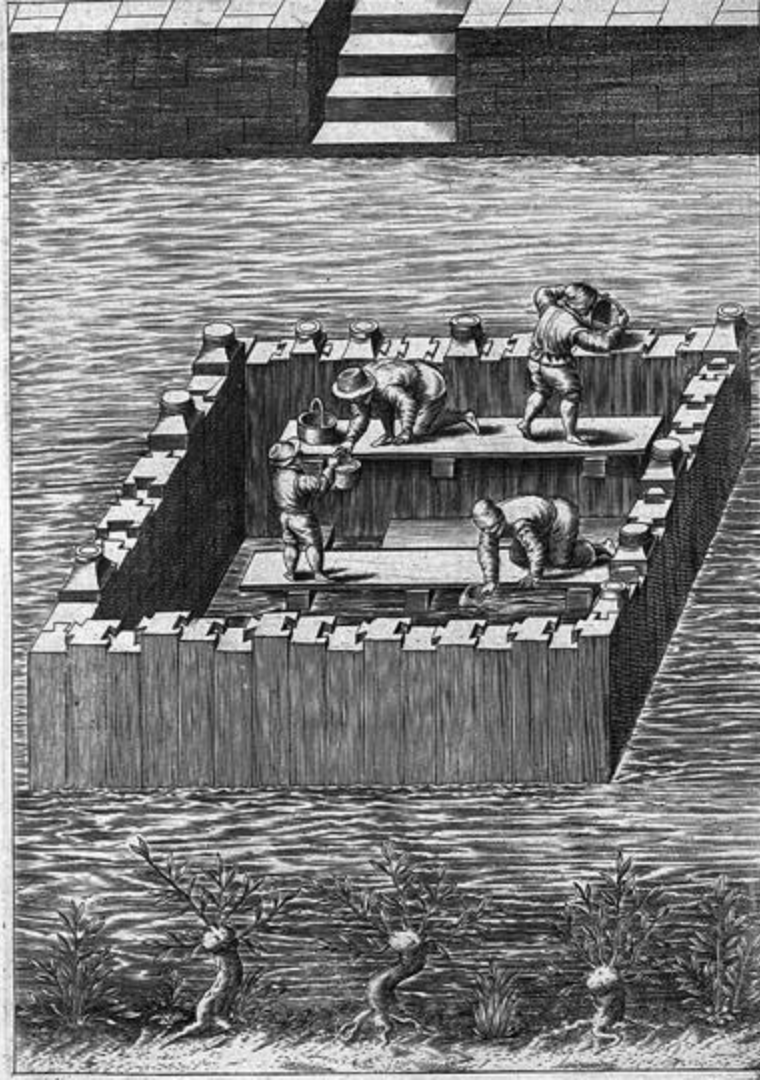
Manifests have complex structures, and ME is a visual tool, so needs to reflect complex structures in its UI without being overwhelming.

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 IIF 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](#)

Manifest Editor

Support us!

These slides:

bit.ly/tanc-tc3

On GitHub:

[/digirati-co-uk/iiif-manifest-editor](https://github.com/digirati-co-uk/iiif-manifest-editor)

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Thank you!