

Showcasing the practical use of IIF: Webinar #1 of *'Practical applications of IIF as a building block towards a digital National Collection'*

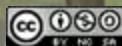
19th March 2021

Joseph Padfield (NG)

Welcome

<https://tanc-ahrc.github.io/IIF-TNC/>

<https://www.nationalcollection.org.uk/>



# Showcasing the practical use of IIF: Welcome

## Practical applications of IIF: Webinar #1

- Introduce IIF and our AHRC funded project.
- +330 people registered from 25 different countries.
- Presenting examples of how IIF is used for public engagement, education and research.
- Presenting further details of the work and planned work of our project



# International Image Interoperability Framework - IIIF

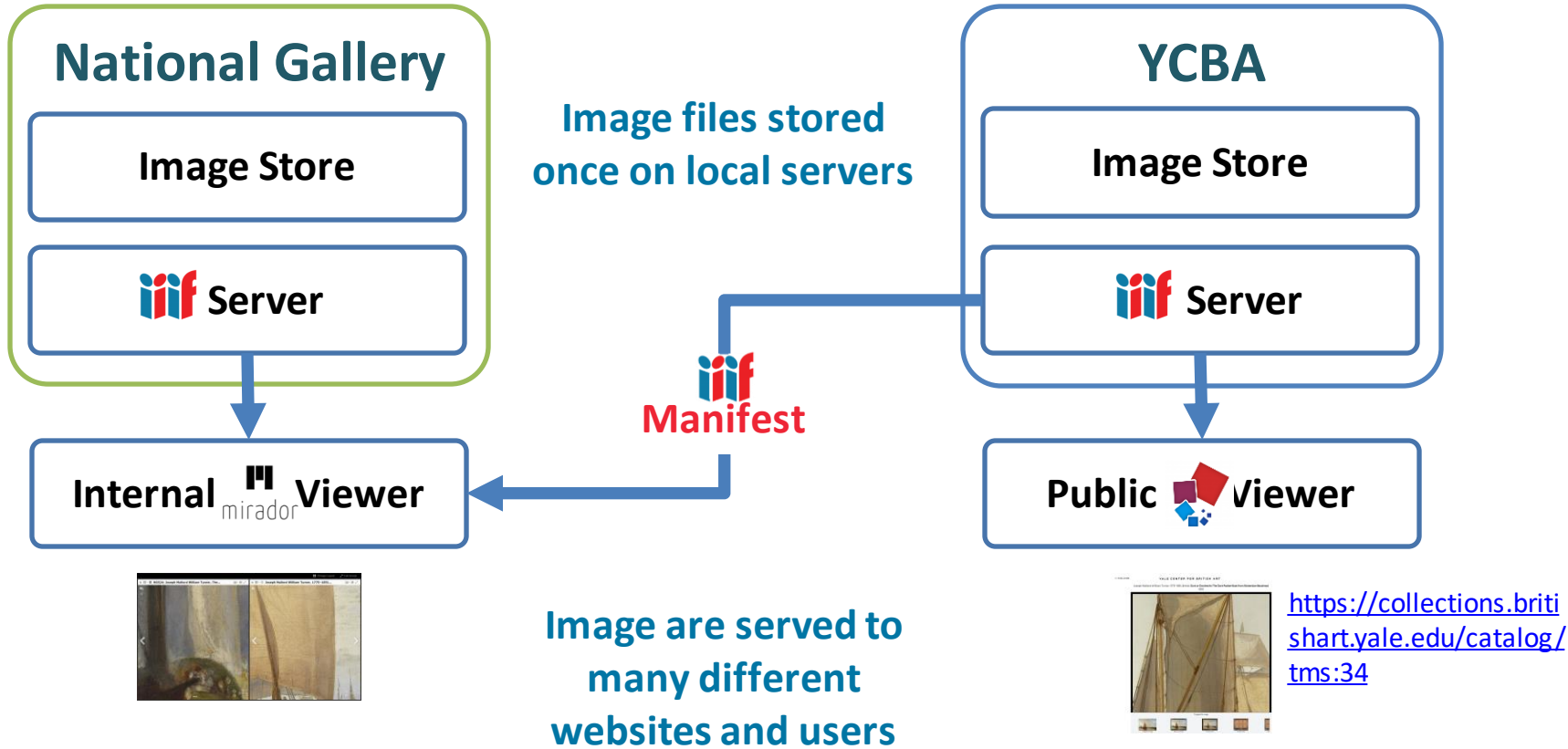
The screenshot shows the IIIF website homepage. At the top, there is a navigation menu with links for ABOUT, TECHNICAL DETAILS, APPS & DEMOS, COMMUNITY, EVENTS, NEWS, and FAQ. The main heading is "International Image Interoperability Framework™" with the tagline "Enabling Richer Access to the World's Images". A prominent green button says "Learn how to get started". Below this, a banner reads "Call for Proposals now open for the IIIF Annual Conference (June 22-24)". The main content area is divided into three columns, each with an icon and a title: "Community Focused" (with a group of people icon), "Defined APIs" (with a gear icon), and "Plug in' Play Software" (with a puzzle pieces icon). Each column contains a short paragraph describing the IIIF community's goals and processes. At the bottom, a "Highlights" section features three image viewer thumbnails: "OpenSeadragon" showing a classical building interior, "Mirador Viewer" showing a medieval manuscript page, and "Universal Viewer" showing a book cover titled "WUNDER DER VERERBUNG".

- International standard for sharing high resolution images on the web.
- Great selection of free software to build solutions.

<https://iiif.io>



# IIF - National Gallery + Yale Center For British Art





# IIIF - National Gallery + Yale Center For British Art

## THE NATIONAL GALLERY National Gallery Image Server

New Search Add to Search

This system has been designed to display images currently held on the National Gallery image server. The system is updated automatically every morning to include new images. For further information about the images displayed, or not displayed here please contact the Photographic Department.

Change Layout Full Screen

Close

Filter objects:  Add new object from URL:  Load

YALE CENTER FOR BRITISH ART	Joseph Mallord William Turner, 1775-1851, British, Dort or Dordrecht: The Dort packet-boat from Rotterdam becalmed, 1818, Oil on canvas, Yale Center for British Art, B1977.14.77, Paintings and Sculpture (Added from URL) 8 items	
THE NATIONAL GALLERY	NG1991: Joseph Mallord William Turner, The Evening Star, about 1830, Oil on canvas, (91.1 x 122.6 cm) National Gallery 6 items	
THE NATIONAL GALLERY	NG538: Joseph Mallord William Turner, Rain, Steam, and Speed - The Great Western Railway, 1844, Oil on canvas, (91 x 121.8 cm) National Gallery 32 items	
THE NATIONAL GALLERY	NG1984: Joseph Mallord William Turner, Margate (?), from the Sea, about 1835-40, Oil on canvas, (91.2 x 122.2 cm) National Gallery 2 items	
THE NATIONAL GALLERY	NG524: Joseph Mallord William Turner, The Fighting Temeraire, 1839, Oil on canvas, (90.7 x 121.6 cm) National Gallery 56 items	
THE NATIONAL GALLERY	NG521: Joseph Mallord William Turner, The Parting of Hero and Leander, before 1837, Oil on canvas, (146 x 236 cm)	

National Gallery: Internal Image Server by Joseph Padfield is not currently licensed for external use

## THE NATIONAL GALLERY National Gallery Image Server

New Search Add to Search

This system has been designed to display images currently held on the National Gallery image server. The system is updated automatically every morning to include new images. For further information about the images displayed, or not displayed here please contact the Photographic Department.

Change Layout Full Screen

NG524: Joseph Mal... Joseph Mallord Will...

National Gallery: Internal Image Server by Joseph Padfield is not currently licensed for external use

# IIF - National Gallery + Yale Center For British Art

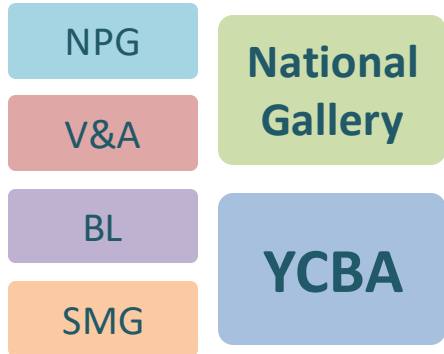
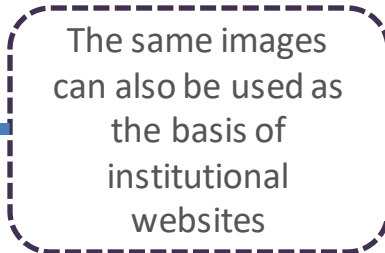
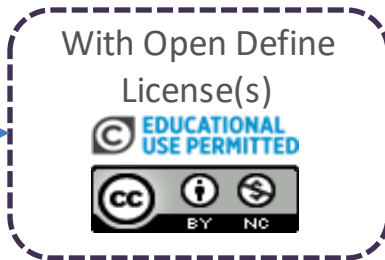


Image files stored once on local servers and presented for re-use



Use Many Times



# Practical applications of IIF – Project Aims

Highlight and demonstrate opportunities and benefits the IIF standard offers to a wide audience of institutions and researchers.

Examine its potential to virtually connect collections from different organisations, allowing users to experience and interact with image resources, both for research and public presentations.

Document/list existing IIF systems and tools, or contribute to existing lists, and demonstrate how they can be used.

Identify what additional tools, services or training opportunities are available and explore what new ideas might need to be developed to help maximise the potential of IIF resources.

# Practical applications of IIF

**Project Investigators:** Joseph Padfield - NG (PI),  
Torsten Reimer - BL (Co-I), Charlotte Bolland -  
NPG (Co-I), Melissa Terras – EDU (Co-I).

THE  
NATIONAL  
GALLERY

National  
Portrait  
Gallery



**Project Partners:** Lorna Mitchell (RBGE), Tom  
Crane (Digirati), Tom Cramer (Stanford  
University Libraries), Jamie Unwin (SMG),  
Richard Palmer (V&A), Glen Robson (IIF)



Royal  
Botanic Garden  
Edinburgh

digirati



Stanford  
LIBRARIES

SCIENCE  
MUSEUM  
GROUP



THE  
NATIONAL  
GALLERY

National  
Portrait  
Gallery





# Practical applications of IIF – Workshops

## 1: Showcasing the practical use of IIF (19<sup>th</sup> March 2021)

Provide examples of how IIF resources are currently used for research, education and public engagement (and by whom), identify some available resources/tools, and how people could use these in the future.

## 2: Discuss the potential of shared IIF services (TBC)

Explore what IIF services are available and what new developments could be useful for institutions/researchers to present public/private images via IIF, considering image repositories, improved image servers, training & knowledge, etc.

## 3: Developing practical IIF solutions (TBC)

A practical workshop and discussion designed to create working examples of aggregating, using and presenting IIF resources, and develop use cases showing how end users can exploit these tools.

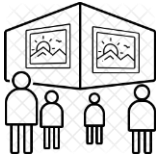
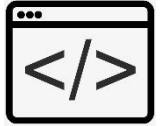
# Practical applications of IIF – Demonstrators

Creating a research dataset of sixteenth and early seventeenth-century British portraits

Support and enrich online publications or exhibitions (e.g. planned collaborative digital research resources)

Developing a user-friendly prototype IIF manifest aggregator, controlled via a new drag and drop based graphical user interface.

Developing new use cases and exploring user needs and feedback.



## Session 01 - Using IIF resources for Research and Education

- Welcome – Joe Padfield.
- Explore the Raphael Cartoons at the V&A - Luca Carini.
- Embedding IIF resources into teaching and course work at The University of St. Andrews - Andrew Wilson.
- Re-using IIF resources in documentation solutions - Joe Padfield.
- Questions



## Session 2 - Practical applications of IIF (The Project)

- Tudor Portrait Demonstrator – Charlotte.
- IIF Manifest builders - Tom Crane.
- User evaluation: Making use of IIF resources - Melissa Terras.
- Using existing IIF resources to create your own IIF presentations - Joe Padfield.
- Questions