



WORKING WITH JPEG 2000S

VITA 6.2

UPDATED NOVEMBER 2020

When To Use JP2 Files.....	2
The JP2 Viewer	3
Creating JP2 Files	3
Uploading JP2 Files	4
Full Image Views	4
Reverse & Details Views.....	4
Multipage Objects	5
Batch Uploads	7
Adding JP2 (JPG 2000) Credit	7
Text Credit.....	7
Image And/Or Linked Credit	7

WHEN TO USE JP2 FILES

- Pages (uploaded singly or in batches, i.e. for issues or multipage objects)
- Full view images
- Reverse images
- Details images
- Batch image uploads

THE JP2 VIEWER

The JP2 viewer offers pan/zoom and rotation options

Le Courrier d'Ottawa, 3 Apr 1861, p. 1



CREATING JP2 FILES

Most image file editing applications will allow you to save images as JPG2000. Keep in mind that larger image files will render better JPG2000 because they will allow for more detail when zooming.

UPLOADING JP2 FILES

FULL IMAGE VIEWS

Simply upload a JP2 file as you would a TIFF or a JPG.

With a new record:

Add a record with a file > category Thumb+Regular+Full > choose your JP2 file

The 'Add Record' form contains the following fields and options:

- Title:** Postcard from Scotland
- Templates:** [Select one of the options below]
- Media type:** ☒ Image, ☐ Text, ☐ Collection, ☐ Video, ☐ Object, ☐ Audio, ☐ Publication, ☐ Newspaper, ☐ Place
- Category:** Thumb+Regular+Full
- Label:** [Empty text field]
- Image resize:** ☒ Yes, ☐ No
- Split PDF:** ☐ Yes, ☒ No
- Select File:**
 - Buttons: + Add file..., Start upload, Cancel upload
 - File name: JC017b.jp2
 - Size: 964.84 KB
 - Buttons: Start, Cancel

REVERSE & DETAILS VIEWS


On the File/Tech data screen, choose Associate another file with this record > Category Reverse or Detail > choose your JP2



Category	[Select one of the options below]
Label	[Select one of the options below]
Image resize	Thumb+Regular+Full Thumb+Regular Thumbnail (Only one allowed) Regular (Only one allowed) Full Image (Only one allowed) Reverse (Only one allowed) Stereoview (Only one allowed)
Split PDF	Detail (Multiple allowed) Not for Public Display (Multiple allowed) Audio (Multiple allowed) Video (Multiple allowed) Page (Multiple allowed) Text file (Multiple allowed)
Select File	

MULTIPAGE OBJECTS

For items like books, scrapbooks, brochures, pamphlets, and newspaper issues, simply follow the same steps you would to add single or multiple pages.



Associate another file with this record

Associate a single Zoomify zip file with this record


Associate multiple pages with this record

When finished editing pages/text:


Update Index

Associate another file with this record> Category Page>choose your JP2


Category	[Select one of the options below]
Label	[Select one of the options below]
Page resize	Thumb+Regular+Full
Split PDF	Thumb+Regular
	Thumbnail (Only one allowed)
	Regular (Only one allowed)
	Full Image (Only one allowed)
	Reverse (Only one allowed)
	Stereoview (Only one allowed)
Select File	Detail (Multiple allowed)
	Not for Public Display (Multiple allowed)
	Audio (Multiple allowed)
	Video (Multiple allowed)
	Page (Multiple allowed)
	Text file (Multiple allowed)



Or, Associate multiple pages with this record>choose multiple JP2 files and follow the on-screen instructions.



Associate another file with this record
Associate a single Zoomify zip file with this record
Associate multiple pages with this record
When finished editing pages/text:
Update Index



Then Associate TXT OCR files with each page to make them full-text searchable.

BATCH UPLOADS

During batch image uploads, simply select your JP2 image files and allow the tool to process them for thumb+reg or thumb+reg+full image displays. Only the Full will render with the pan-zoom viewer.

ADDING JP2 (JPG 2000) CREDIT

The credit will only appear in the full image JP2s, not with full image JPEGs and not at all for pages where it might obscure text.

Go to Agency Management > Image options

Main Menu >> Update/Add Agencies >> OurDigitalWorld: Image Sizes and Options

Agency Setup

Labels and addresses

Personnel

Image options

Copyright statements / Creative Commons

"About" page

Export options

Usage statistics

Checklists

Geography

Media types

Item types

Creator / Contributor roles

Newspapers

Image Sizes and Options

Permit downloads of zoomable images

☒ Yes
☐ No

Note: For legacy Zoomify™ images, a "Yes" will present an alternate display link, which is a fundamental requirement for online accessibility. Choosing "No" means we cannot make your site compliant with various disability acts.

Constrain zoomable sizes

☒ Allow the full range of alternate zoomable window sizes
☐ Limit to only the two smaller sizes

Image sizes

Full sized image options

☐ Do not process full size (just thumbnail and regular size)
There will be no full size
☒ Process full size and reduce to preferred full-size
Unless a JPG 2000 (JP2) file, the full sized view will be converted, if necessary, to a JPEG and reduced, if necessary, to some number of pixels on its long side.
☐ Convert to Jpeg (if required) but don't reduce in size
The full sized view will be converted, if necessary, to a JPEG but kept at its original size.

Image File Sizes

Edit Settings

Thumbnail	150
Regular	400
Full	1600
Reverse	800
Stereoview	1600
Detail	1600
Page	1000

JPEG 2000 Image caption/"credit"

You can use plain text or include html with or without a fully qualified links to an external url (<a>) or to an . The link will appear within the iframe unless followed by a special target "_parent" value as in the following example: "Back to Search "

Update OurDigitalWorld

TEXT CREDIT

Use straight text to add a credit statement on the JP2 viewer panel.

JPEG 2000 Image caption/"credit"

Created by OurDigitalWorld

You can use plain text or include html with or without a fully qualified links to an external url appear within the iframe unless followed by a special target "_parent" value as in the following example: "Back to Search "

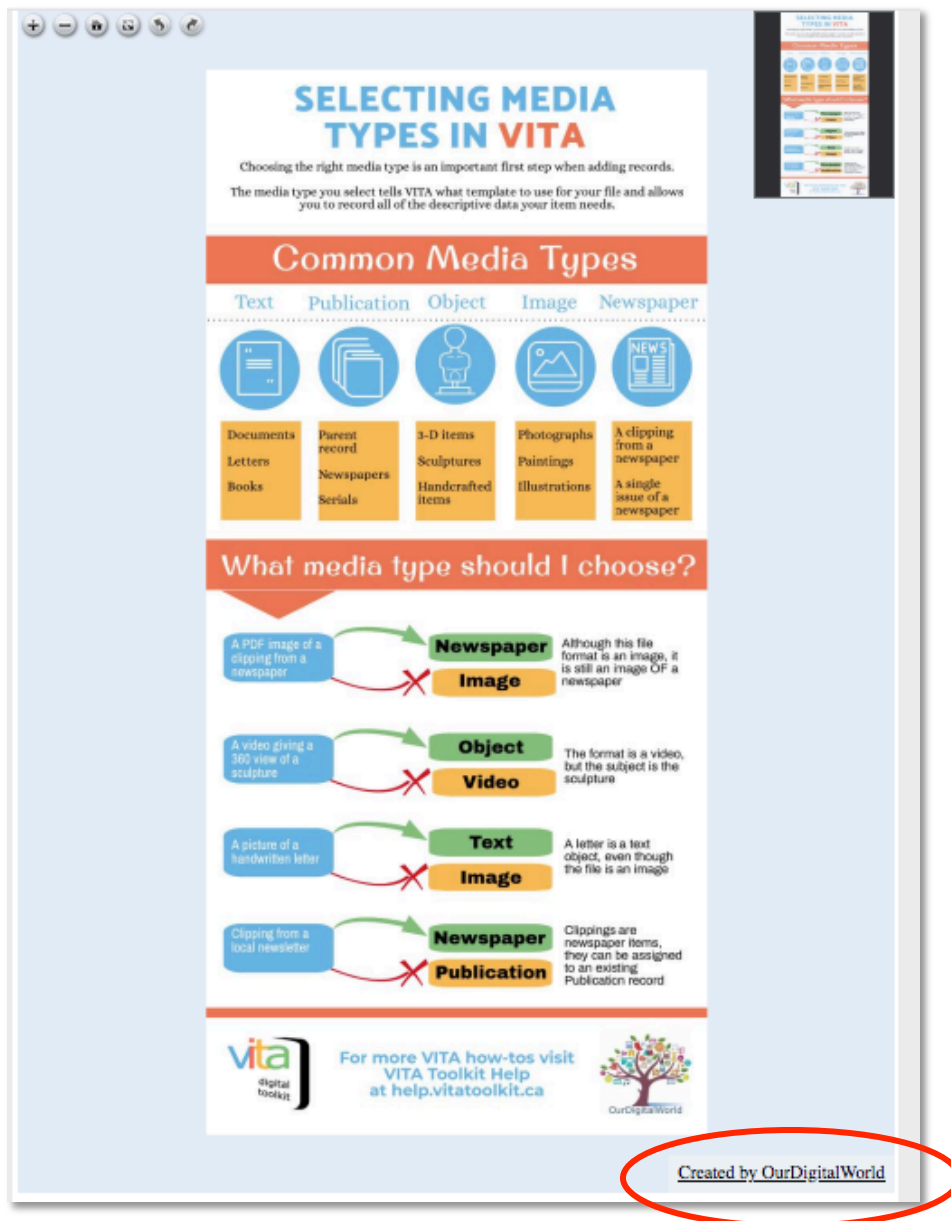


IMAGE AND/OR LINKED CREDIT

Use HTML to create a linked credit statement or image – you can add an image (make sure image is sized appropriately using proportionate size restrictions e.g. width="100px") and even make that image or text link to a web page. This example has the site logo linked back to the organization site. Note the addition of styling, otherwise the text will be difficult to see on the black background.

JPEG 2000 Image
caption/"credit"

```
<a href="http://ourdigitalworld.org target="_blank"></a>
```


You can use plain text or include html with or without a fully qualified links to an external url (<a>) or to an . The link will appear within the iframe unless followed by a special target "_parent" value as in the following example: "Back to Search "

The slide is titled "Would I Choose" in a large, stylized font at the top. It features three examples of digital objects, each with a green label and an orange label, followed by a description. The first example is a newspaper, described as an image of a newspaper. The second example is a video, described as a video of a sculpture. The third example is a text image, described as a letter that is a text object even though the file is an image. At the bottom right, there is a logo for "OurDigitalWorld" and the text "Created by OurDigitalWorld", which is circled in red.

newspaper
Image
Although this file format is an image, it is still an image OF a newspaper

Object
Video
The format is a video, but the subject is the sculpture

Text
Image
A letter is a text object, even though the file is an image

 Created by OurDigitalWorld