Work with the IIIF Image API

Find information about the International Image Interoperability Framework (IIIF) Image API.

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CONTENTdm utilizes the IIIF Image API to build its default image display. Below is an example record of a CONTENTdm image. Click the double diagonal arrow button on the upper-right corner of the image to see the viewer:


To verify that a CONTENTdm image is supported by the IIIF Image API, a request can be made to return a JSON document providing image information, including width, height, and scaling information. This CONTENTdm image information URL pattern follows the IIIF Image API specification:

- yourCONTENTdmURL/digital/iiif/{collection alias}/{record ID}/info.json

For the example record noted above, the "info.json" URL is:

- [https://sandbox.contentdm.oclc.org/digital/iiif/coll16/357/info.json](https://sandbox.contentdm.oclc.org/digital/iiif/coll16/357/info.json)

The IIIF Image API is a powerful and flexible service for interaction with digital images. For example, here’s a request to generate a JPEG of the entire image at 15% zoom:


And here’s another request, showing a selected detail from the full image:

- [https://sandbox.contentdm.oclc.org/digital/iiif/coll16/357/1500,1000,1200,1400/pct:15/0/default.jpg](https://sandbox.contentdm.oclc.org/digital/iiif/coll16/357/1500,1000,1200,1400/pct:15/0/default.jpg)

And one more example, showing the image resized for use as a thumbnail image:

- [https://sandbox.contentdm.oclc.org/digital/iiif/coll16/357/full/150,/0/default.jpg](https://sandbox.contentdm.oclc.org/digital/iiif/coll16/357/full/150,/0/default.jpg)

For more information on these and other methods for calling the CONTENTdm IIIF Image API service, consult the IIIF Image API specification.