



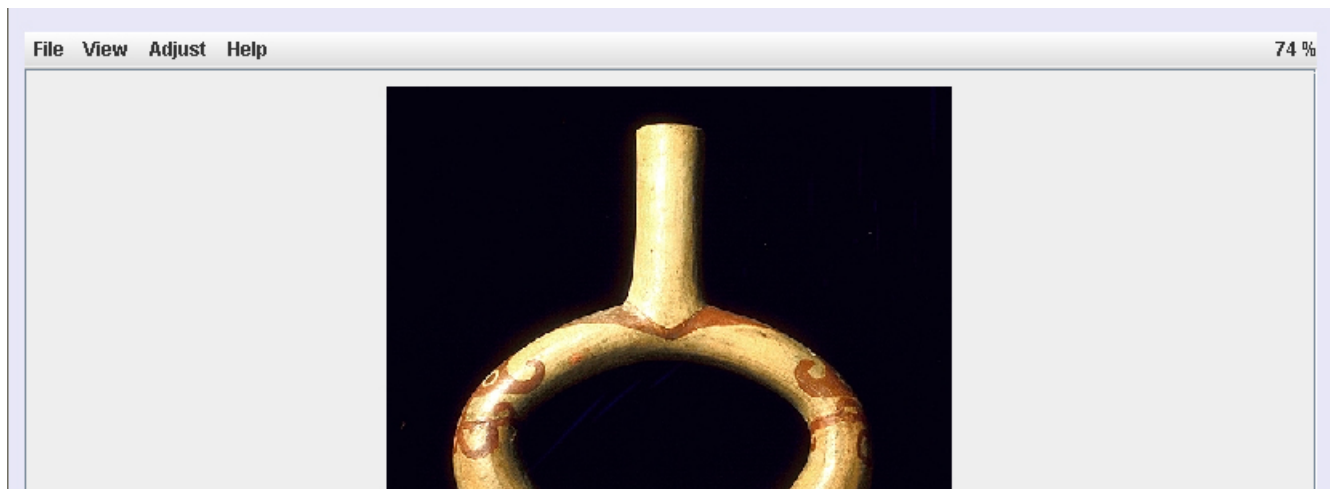
# Working With The Digital Collections: ImageViewer

## ImageViewer

ImageViewer allows you to view image files that are part of the digital collections and, if desired, to collect references to those images into collections that are stored as XML files on your local drive or to a mapped network location. All images and page images retrieved by searching or browsing the digital collections are accompanied by menus that allow you to view and manipulate the image in detail, or add the image into personal collections. The ImageViewer provides zooming, panning, brightness and contrast, and rotating functions for images in collections built with Collectus or in a browser window when searching or browsing the digital collections online.

## Menus

Click on the image once to show the menus. Click again to turn the menu off.



The menus on the ImageViewer contain the same commands available on the Control Buttons, plus additional commands allowing you to view information about the image, collect the image to the Object Collector Window in Collectus and download the image to disk.

### File

1. **Collect Image:** opens Collectus and places the current image in the window.
2. **View Image Info:** opens a popup window that shows the metadata associated with the current image.
3. **Download Image:** opens a standard download dialog box to save a screen sized image to your hard drive, floppy disk, or to a mapped network location.

## View

Commands on the View menu change the size and rotation of the image in the ImageViewer frame.

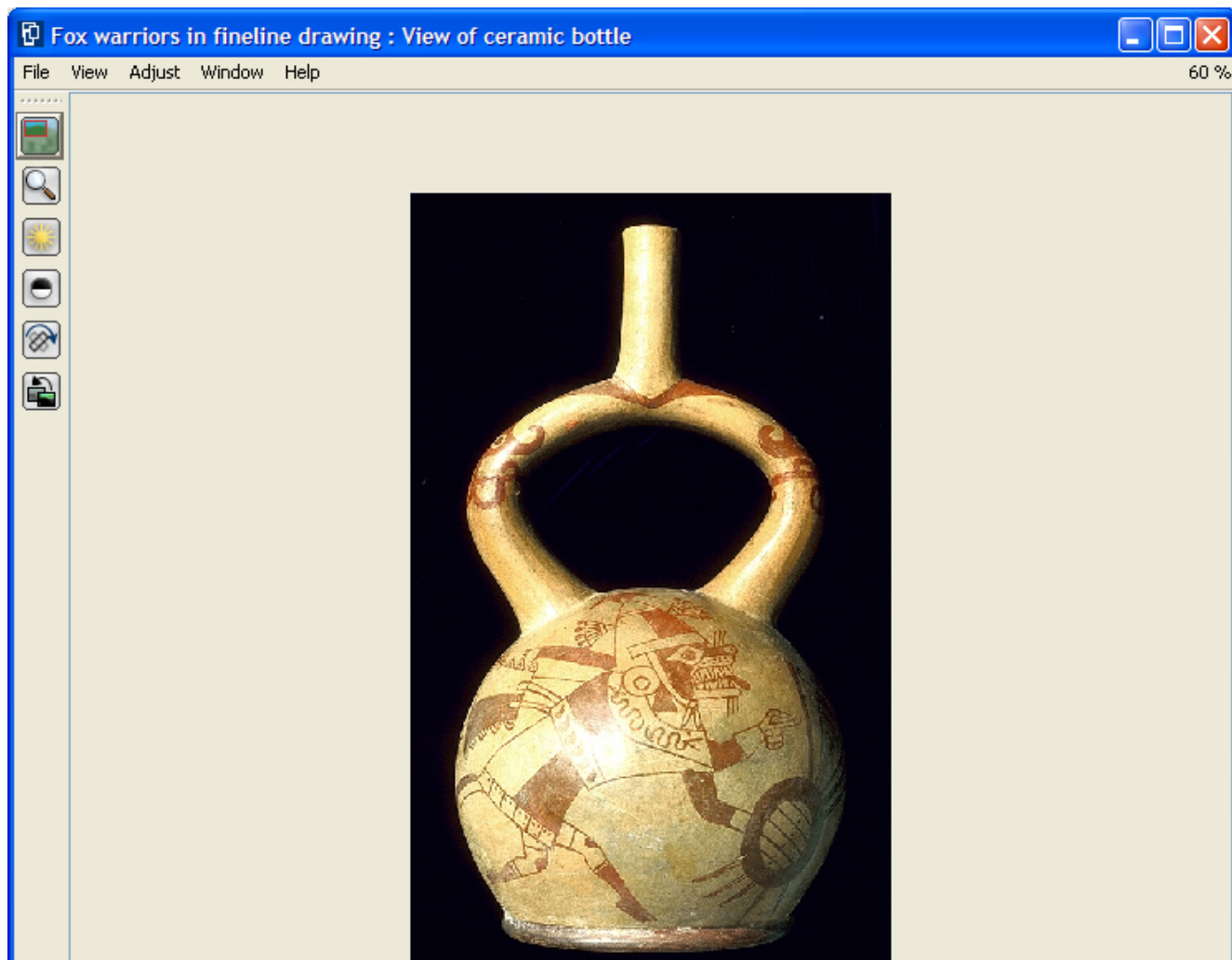
1. **Double Size:** increases the size of the image to 200% of its default screen size.
2. **Half Size:** reduces the size of the image to 50% of its default screen size.
3. **Fit to Frame:** adjusts the height and width of the image to fit the ImageViewer frame.
4. **Actual Image Size:** adjusts the image to its default screen size.
5. **Increase 10%:** increases image size by 10% from its current size.
6. **Decrease 10%:** decreases image size by 10% from its current size.
7. **Rotate Right:** rotates the image clockwise by 90 degrees.
8. **Rotate Left:** rotates the image counterclockwise by 90 degrees.

## Adjust

Commands on the Adjust menu change the brightness and contrast of the image in the ImageViewer frame.

1. **Brightness +:** increases the brightness levels of the image in 6% increments.
2. **Brightness -:** decreases the brightness levels of them image in 6% increments.
3. **Contrast +:** increases the contrast levels of the image in 6% increments.
4. **Contrast -:** decreases the contrast levels of the image in 6% increments.
5. **Revert:** reverts the image back to its default brightness and contrast levels, and to its original orientation.

## Control Buttons



Click once on any button to activate its function. Click a second time to deactivate the button.

From top to bottom, the buttons are

### 1. Detail Viewer

The Detail Viewer provides a frame to click and drag over the image, allowing easy viewing of all parts of a large image, or of an image that has been increased in size so that it is larger than the ImageViewer frame.

### 2. Size Adjustment

Click once on this button to activate the slider bar. Click and drag the indicator on the bar to adjust the size of the image in the ImageViewer frame. The available range of sizes for any given picture will depend on the scanned sizes of the image being viewed, but in general, images can be reduced to about 10% of their screen size, and increased to about 650% of their screen size. The current size of the image in the frame is always shown in the upper right corner of the viewer frame.

### **3. Brightness Adjustment**

Click once on this button to activate the slider bar. Click and drag the indicator up to increase the brightness in the image, or down to decrease the brightness. When brightness levels are at their original settings, the slider indicator is positioned at 0%.

### **4. Contrast Adjustment**

Click once on this button to activate the slider bar. Click and drag the indicator up to increase the contrast in the image, or down to decrease the contrast. When the contrast levels are at their original settings, the slider indicator is positioned at 0%.

### **5. Orientation Adjustment**

Click once on this button to activate the slider bar. Click and drag the indicator up to rotate the image clockwise in 90-degree increments. When the image is in its original orientation, the slider indicator is positioned at 0 degrees.

### **6. Reset**

Click this button once to reset the image to its original brightness, contrast, and orientation.