

Viewing Geotagged Image Tables

Tables of digital photos produced by the Create Geotagged Image Table process can be shown as either Single Record or Tabular Views just like any other database table. But each type of view not only shows the text/numerical attribute information for the photos, it also allows you to view the photos. Photo viewing is available for tables with links to external image files as well as for those with embedded images.

In a Single Record View of the table, in which the field names and values for a single record are listed in a vertical column, the image for the current record is automatically shown at the bottom of the table view. The image resizes automatically when you change the size of the window. A right mouse button menu for the image allows you to zoom to extents, zoom in or out, or zoom to 1X. You can also use the mouse scroll wheel to zoom in or out, and pan the image by left-clicking and dragging.

Tabular Views provide several means of viewing the photos. Hovering the mouse cursor over a photo's Image field pops up a DataTip showing a small thumbnail of the image. For tables with embedded images, the thumbnail stored for each image is used to generate the DataTip image. For tables with links to the original image files, the DataTip thumbnail is created dynamically from the external file as needed. You can also view photos in one or more separate image viewer windows using options on the right mouse button menu for the Image field. The *View image* menu option opens the selected image in the currently-open viewer window (or opens one if none is currently open). The View image in new window option allows you to open separate simultaneous views of different photos. The titlebar of each viewer window shows the date, time, and description (from the Description field in the image table) of the image being viewed. The viewer windows can be resized as needed, and icon buttons provide zoom functions. Mouse-wheel zooming and left-mouse button panning are also provided as for the Single Record View window. The image viewer can show linked JPEG, TIFF, or PNG files in addition to images embedded in the table. For more information on creating geotagged photo tables, see the Technical Guide entitled Create Geotagged Image Table.

Table Edit Rec	and Field						
<u>] אי</u> יו _{לי} יי אי אי אי	🐀 🐗 🖼 📟 😵 🛒 🐼						
Image Name	Image Description	Date and	Time	Latitude	Longitude	Inage	Thumbnail
IMG_0101.JPG	Hoods Park H Tennis Courts 2	02/26/05	17:14:36	40.809833	-96.675722	Ľ	Ľ
TH6_0104, JP6	Woods Park pool fenceline	02/26/05	17;17;01	40,809250	-96,675222		
IHG_0109, JPG	Hoods Park sign SE	02/26/05	17;26;16	40,808139	-96,673000		
IMG_0116.JPG	Hoods Park paths & sculpture	07/04/05	09:39:43	40.812806	-96.673194	R	<u> </u>
TH6_0117, JP6	349 S 30th St	07/04/05	09;49;38	40,809917	-96,678389		HARY I
ING_0118, JPG	521 S 29th St	07/04/05	09:55:52	40,808583	-96,679806		1.1.1
IMG_0119.JPG	601 Elnwood Rvc	07/04/05	10:03:07	40.807917	-96.674167	200	
TH6_0122.JP6	Hoods Park sign W	07/07/05	18;29;20	40,809861	-96,677167	11	11

H .	WPN Geotagged Im	nag	es 💷 🖻	×	
Ta	ble Edit Reco	ord	l		
Ľ	🔚 🗠 🔚 🎜 🖓	Т	i 🏹 144 < ⊳ 144 f		
Nane			Yalue	Units	
Inage Nane			IMG_0116.JPG		
Image Description			Woods Park paths {		
Date and Time			07/04/05 09:39:43		
Latitude			40.812806		
Longitude			-96,673194		
Elevation			2147483.750000	n	
Inage		<u> </u>	[Inage]		
Thumbnail			[Binary]		
-					
Μ.		_			
			and the second	1	
	Zoon to Extent	s		in the second	
Zoon In				1	
5	Zoon Out			1.	
-1	Zoon 1X			A STATEMENT	
Resample By					
-	View Metadata.			and T	
Previous Photo Next Photo			Carl Contractor	A STATE OF	
	Next Photo	÷.		-	
1000					

A Single Record View of a geotagged image table automatically shows the image for the current record in the bottom part of the same window. Right-click on the image to pop in a menu with zoom and other options.

1 07/04/05 09:49:38 - 349

In a Tabular View of a geotagged image table, a DataTip showing a thumbnail of the image automatically appears when you hover the mouse cursor over its entry in the Image field. This example shows a table with embedded images.

The right mouse button menu for the image field in a Tabular View allows you to view the image in a separate image viewer window that can be resized if needed. The viewer window provides icon buttons to zoom to full extents, zoom in and out, and zoom to 1X. The mouse



1 07/04/05 09:49:38 - 349

scroll wheel can also be used to zoom in and out. You can pan a zoomed image by left-clicking on the image and dragging. The Image window

)

above left is at full extents; the one above right has been zoomed to 1X and panned.