

Raster Attributes

DID YOU KNOW . . . you can create attributes for raster objects?

What Raster Attributes Gives You

- Create database tables associated with the raster's cell values
- Use database field values as DataTips and/or in LegendView
- Edit database tables just as for any other object type

The image contains four screenshots illustrating the process of creating a new database table for a raster object:

- Top Left:** A screenshot of the 'Display Manager' window. The 'Edit Relations...' menu option is highlighted, and an arrow points to it with the text: 'Select Edit Relations to open the Database Editor window.'
- Top Middle:** A screenshot of the 'Database Editor' window. The 'Internal' table is selected, and the 'Copy Table...' menu option is highlighted.
- Top Right:** A screenshot of the 'Database Editor' window showing the 'Internal' table and a newly created 'RastData' table.
- Bottom Left:** A screenshot of the 'Display Group 1 - View 1' window. The 'DEM_16bit' raster object is selected in the legend, and a DataTip is displayed over a portion of the raster showing 'National Forest Elevation: 1214 m'.
- Bottom Right:** A screenshot of the 'Natural Boundaries / RastData' table window. The table has two columns: 'Value' and 'Names'. The data is as follows:

Value	Names
0	
1	Wild Life Area
2	National Forest
3	
4	

For unsigned raster objects up to 16 bit, you can simply copy the internal table to have a new database table with the raster cell values, where you can add new fields for the desired attributes.

How to Create Raster Attributes

- Select *Edit Relations* from the right mouse button menu.
 - In the Database Editor window, right-click on the *Internal* table.
 - Select *Copy* from the menu that opens.
 - Accept the default name or enter a new one when prompted.
 - Open the new table copied and use standard field creation procedures.
- Or,
- Select *New Table* from the right mouse button menu.
 - Use table wizard to create a new table.
 - Relate the new table to the internal table through the cell values when prompted.
 - Use standard field creation procedures.
 - Manually enter cell values for the *Value* (key) field created by the wizard and the attribute values for other field(s) you created.



See the tutorial booklet entitled:
Managing Geoattributes

