
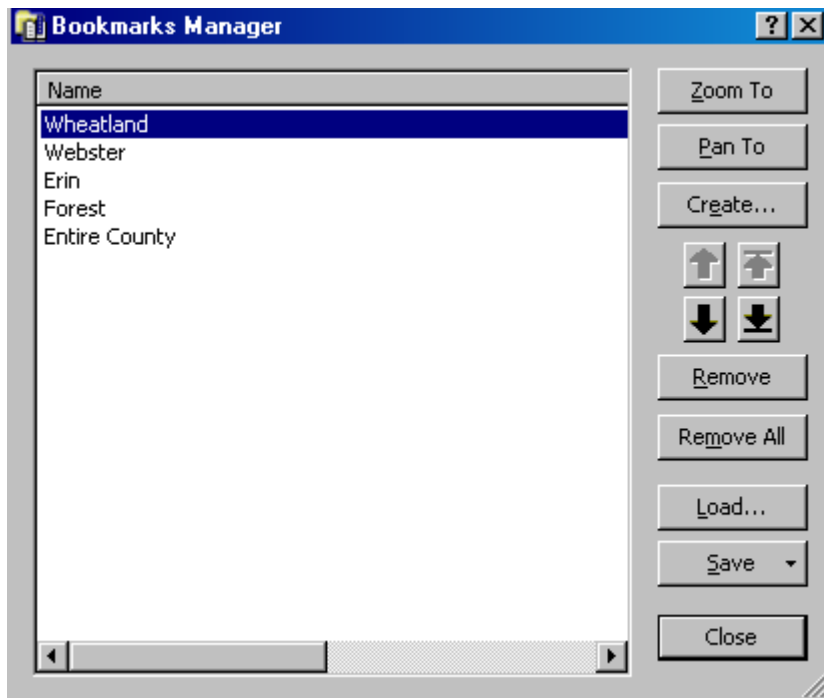


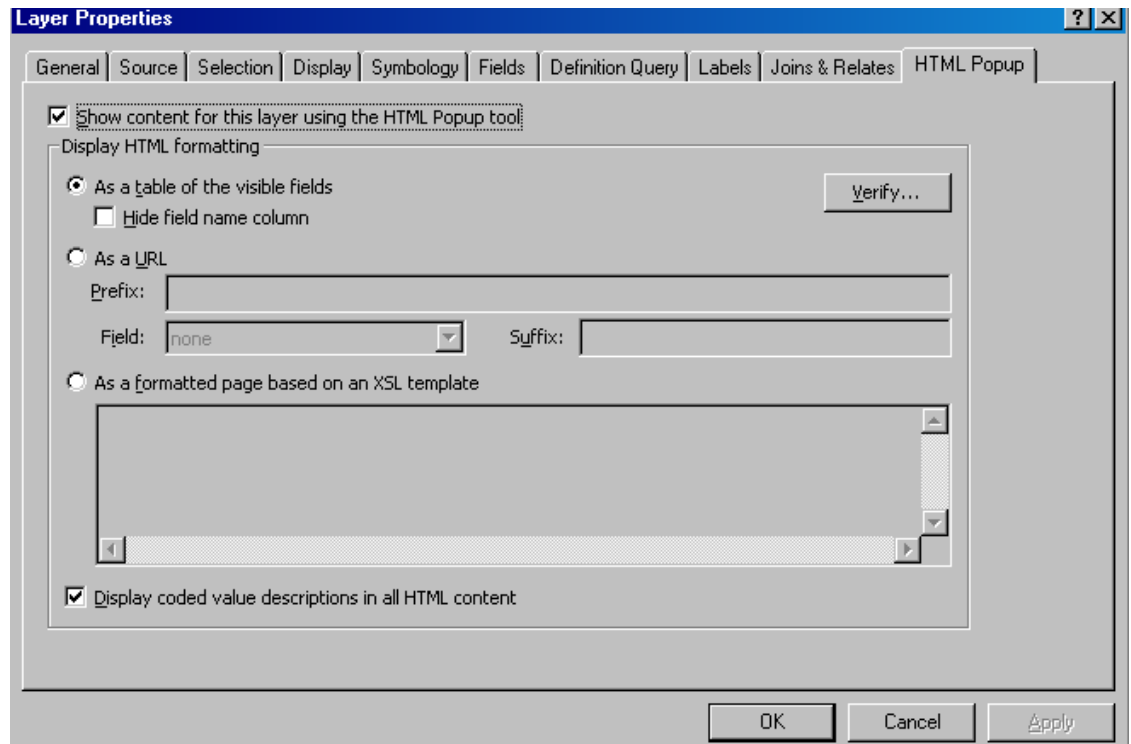
ArcGIS 9.3 Tips and Tricks


From: http://webhelp.esri.com/arcgisdesktop/9.3/pdf/Whats_New_In_ArcGIS_93.pdf

- ESRI Support
 - <http://support.esri.com>
 - Submit bug fix requests
 - Suggest enhancements
 - ESRI staff looks at the number of requests for each item to determine priority
- Multiple Viewer windows for multiple data frames
 - Makes it easy to open a viewer window showing a specific area of a map.
 - Click the *Create Viewer Window* tool  on the Tools Toolbar.
 - Drag the mouse to select the area you would like to view in more detail.
 - Use the tools in the new window to navigate.
- Bookmark Manager
 - Better bookmark management
 - Select Bookmarks >Manage
 - You can change the order of the bookmarks, rename them, zoom or pan to them, and save them. You can also import bookmarks.

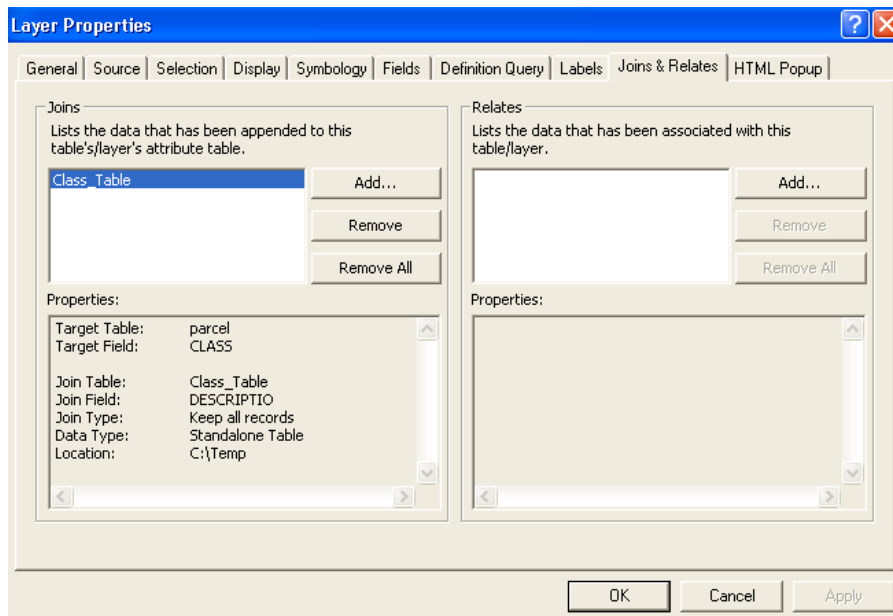


- HTML Popups
 - Define HTML popups for any feature layer and access them using the tool.
 - Double-click the layer to open the Properties Dialog.
 - Go to the HTML Popup tab.

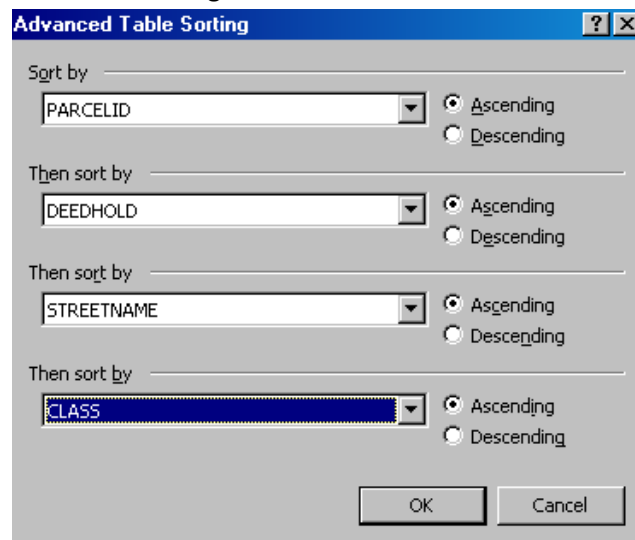


- To view the tabular information for that layer, select like above. (You can also link to a URL or an XML template.
- Click OK.
- Select the HTML Pop-up tool  from the Tools toolbar.
- Click on a feature for that layer view the information.

- Join and Relate properties
 - In the Joins and Relates tab in the Layer Properties dialog and the Table Properties dialogs, you can now review the properties of joins and relates, so it is easy to see the name, location and type of any tables that are joined or related to your table.



- Sort table by multiple fields
 - A new Advanced Table Sorting dialog lets you designate sorting on up to four fields at once. To access this dialog, right-click any field in the table window and choose the new Advanced Sorting command.



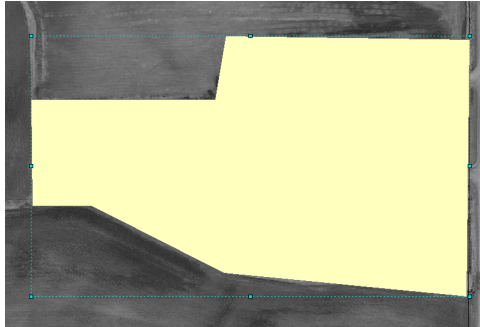
- Layer (lyr) Files

- Double-clicking a layer file in Windows Explorer, Outlook, Windows Desktop, etc will automatically launch ArcMap and show you the layer if ArcMap is not already open.
- The ESRI Resource Center has layer files to use in projects including weather radar and warnings.
- <http://resources.esri.com/arcgisdesktop/layers>

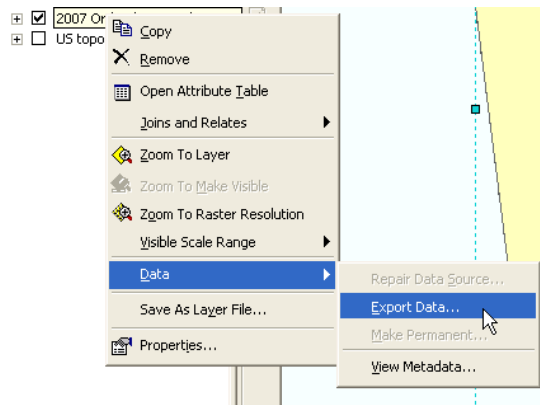
The screenshot shows the ESRI Resource Center for ArcGIS Desktop website. The navigation bar includes links for Home, Content, Web Help, For Developers, Support, and Other Resource Centers. Below this, there are tabs for World Maps, US Maps, Layers (selected), Globes, and Globe Layers. The main content area is titled "Layers containing online data" and provides instructions on how to use layer files (.LYR) in ArcMap. It lists several categories of maps:

- World:** Free ArcGIS Online standard services including World Imagery, World Street Map, World Shaded Relief, and World Physical Map. Each has a description link.
- ArcGIS Online premium services:** Subscription & 9.3 required. Link to "Find out more and get free 14 day evaluation."
- Microsoft Virtual Earth:** A map of San Francisco with a description link.
- United States:** Free ArcGIS Online standard services including US Topo Maps, with a description link.
- Other free services from US government agencies and other sources:**
 - US Federal Lands:** Map showing federal land ownership with a description link.
 - US Weather Radar:** Map showing weather radar data with a description link.
 - US Weather Warnings:** Map showing weather warnings with a description link.
 - US Weather Satellite:** Map showing weather satellite data with a description link.
 - US Wildfires:** Map showing wildfire activity with a description link.
 - US Public Land Survey:** Map showing public land survey data with a description link.

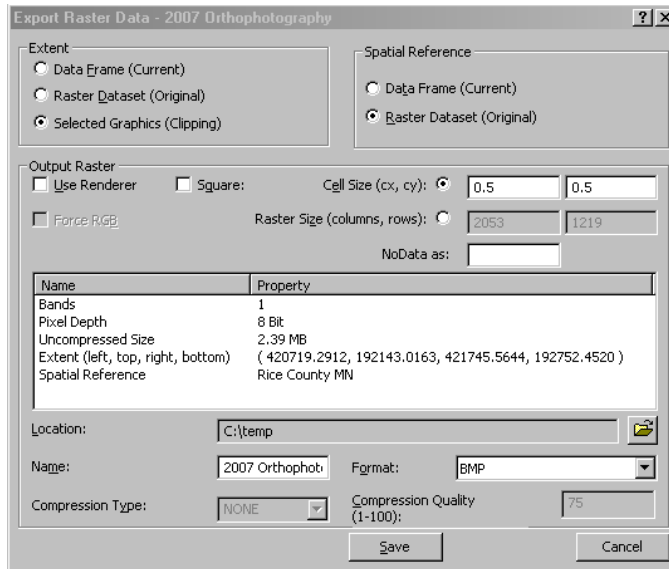
- Export raster data dialog box
 - A new option on the Export Raster Data dialog box allows you to define the extent of your exported data by using the currently selected graphic(s) drawn on your map to clip the raster.



- Draw a polygon with the New Polygon tool.
- Right click on the raster layer. Select Data>Export Data.



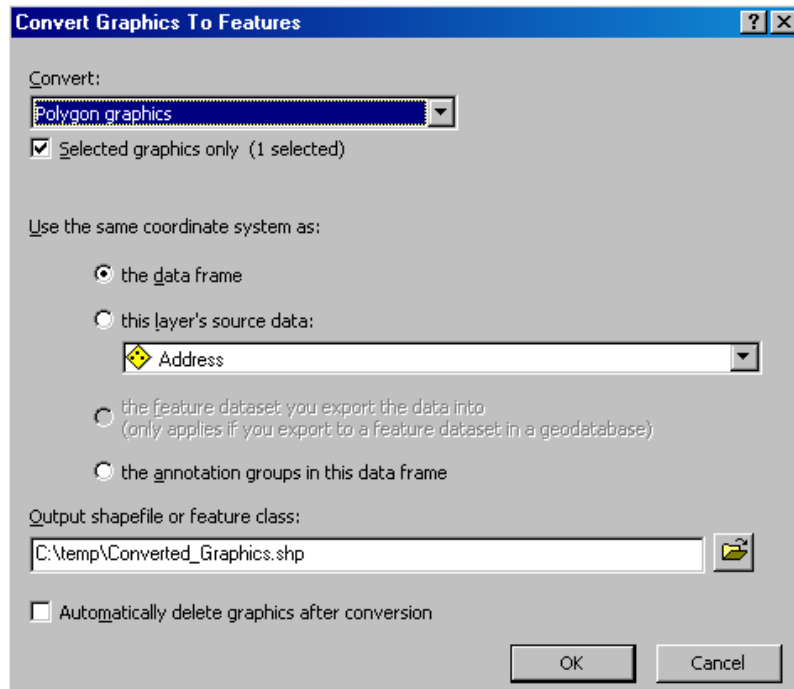
- Choose Select the Graphics (Clipping) for the Extent.
- Change the name if desired and choose the format.



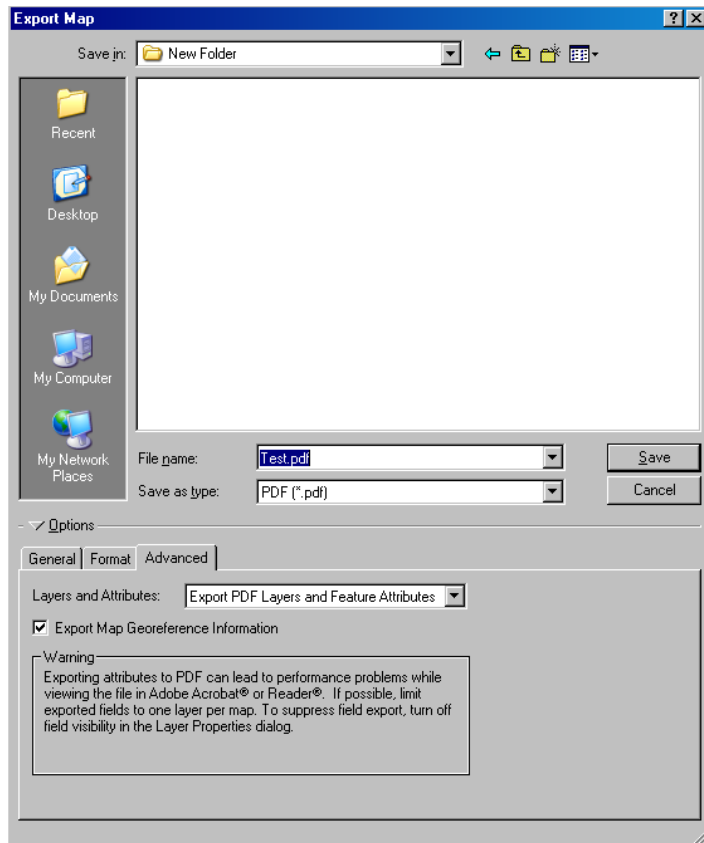
- Click Save.
- The raster will be clipped to the shape of the polygon you drew.



- Convert graphics to feature
 - A new command lets you convert graphics drawn on your map into features, making it easy to quickly create simple datasets, study areas, clipping extents, etc, without having to go to ArcCatalog to create a new a shapefile or feature class and start an edit session to add new features to it.
 - You can access this command by right-clicking a data frame in the Table Of Contents or in the Drawing pulldown menu on the Draw toolbar. The dialog lets you convert point, line, polygon graphics drawn on your map into a new shapefile or feature class. It also lets you convert text graphics into an annotation feature class in a geodatabase.



- PDF
 - Exporting Maps
 - Need to install the ArcGIS 9.3 Patch for this to work
 (<http://support.esri.com/index.cfm?fa=downloads.patchesServicePacks.viewPatch&PID=43&MetaID=1407>)
 - In ArcMap 9.2 the PDF export function was enhanced to include the list of layers from the ArcMap Table Of Contents in the output PDF. This allows users of the PDF to turn layers on and off via the Layers panel in Adobe Acrobat Reader. So for example, instead of having to create 10 PDFs showing different maps, you can just create one PDF that lets the end user choose which layers to show.
 - At 9.3 this functionality has been enhanced so that the layer list exported into the PDF now represents group layers and data frames as a hierarchy. In the Adobe Reader interface users can turn group layers on or off, or turn the individual members of group layers on and off. The layers in the list are now automatically grouped based on which data frame they belong to. This makes it much easier for people using PDFs containing group layers or multiple data frames to customize their appearance.



- Open in Adobe Reader 9.0
 - ArcGIS 9.3 adds support for the new geospatial capabilities in Adobe Acrobat 9. The Adobe Acrobat 9 release includes an update to the PDF specification which allows map coordinate system information to be stored in a PDF. This allows users of Adobe Acrobat 9 products to perform geographic operations including seeing a coordinate readout as they move the cursor over the map, finding specific XY locations, measuring distances in map units, and adding markups. ESRI has collaborated with Adobe Systems over the past year to ensure a seamless workflow for taking advantage of this new functionality when distributing maps in PDF format.
 - The geospatial functionality available to Adobe Acrobat users when they use a PDF depends on which Acrobat 9 product they are using and how the PDF was generated:
 - **Adobe 9 Reader:** Coordinate readout and find XY can be performed on PDFs exported from ArcMap. Measurement and markup can also be performed in Adobe 9 Reader if the PDF exported from ArcMap has first been resaved using Adobe Acrobat 9 Pro or Pro Extended to enable that functionality.