

GEOG3600. Geographical Information Systems

Lab 5. Metadata

Objectives

This laboratory aims at exploration and creation of metadata. Metadata is information that describes your data in the same way as that of a library's card catalogue describes a book. After you create new data, you should create metadata to document its contents. When detailed metadata has been created, it can answer your questions and help you make decisions.

Any item in the Catalogue, including folders and file types such as Word documents, can have metadata.

Exercise

1. Start ArcCatalog, select Options from the menu and click on Contents tab, tick the item 'projection' in the lower box, what are the changes of the details view?
2. Select the 'road' feature class that you created during last laboratory, select metadata tab. What are the 3 major group headings? What do they show?
3. Stylesheet is similar to a query, which selects data from a database. Stylesheets select which metadata elements to display and define how their values appear. Each stylesheet in the Catalog presents the same body of metadata using a different set of rules.

Look at Metadata toolbar, how many types of stylesheets are available in ArcCatalog? What is the complete name of FGDC?

4. Press Edit metadata icon on the Metadata toolbar. Try to enter as much information as possible. The tutor will provide the instructions as well as reference materials that you may need.
5. Following the procedures and complete the rest data in your personal geodatabase.

You may learn more about metadata from the following web link:

<http://www.esri.com/metadata/esriprof80.html>