GIS File Format (*.GIS)

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Introduction

The Carlson GIS File (*.gis) is a vertical bar and comma delimited ASCII file. Each line of the file represents a separate attribute definition for a single code. The GIS file created will be named after the feature code it pertains to and will contain all of the attributes defined for said feature code.

Format Structure

At the beginning of each line there will be two vertical bar characters with two digits that define the dialog options selected by the user during the creation of the attribute. The attribute information will follow and will be comma separated.

Required	Type	Name	User Prompt	Default Value	List Values

- **Required (First Digit - 0 or 1)**
  - **0:** The entry of attribute information IS required.
  - **1:** The entry of attribute information IS NOT required.
- **Type (Second Digit - 0, 1, or 2)**
  - **0:** Char. Note that adding list values for an attribute forces the type of the attribute to be Char.
  - **1:** Integer. Any whole number value (e.g. 1).
  - **2:** Real. Any real number value (e.g. 1.50).
- **Name:** Please be sure to follow the restrictions of a DBF file if planning to export the data to a shape (*.SHP) file. The name of a DBF field must be less than 10 characters and can only contain alpha or numeric characters and no spaces.
- **User Prompt:** Maximum 256 characters.
- **Default Value:** When a default value is used, a list of values must follow.
- **List Values (comma separated):** When a list of values is present, the attribute type will be forced to Char.

Example File (TR.GIS)

Below is an example of the GIS file for the feature code TR. TR in this case is the code for TREE and the GIS prompting gathers the rest of the desired information.

|00|TYPE,Type of Tree?,Oak,Oak,Pepper,Pine,Unknown
|12|TRUNK,Trunk Diameter (feet)?,,
|01|HEIGHT,Height of Tree (feet)?,,
|02|SPAN,Span of Tree (feet)?,,

LVL File (.LVL)*

The LVL file (*.lvl) is a system file. It contains the last GIS values used by the software. Please do not attempt to create or modify this file manually.