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dataout Documentation
version 2.0
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README

dataout Documentation

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Installation Instructions:

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Windows NT: dataout is delivered as an email attached file or on a DOS formatted floppy as a self extracting compressed set of files. Set your working directory to the destination directory (e.g. c:\grs) in which you want to place dataout and its associated processes.

Copy the file 'setup_do.exe' using the File Manager to the destination directory. Then execute this file by selecting it in File Manager.

This initiates a process that will unzip all the necessary files from the container file to the destination directory.

Window NT: As long as the destination directory is in your PATH, you can run dataout from any directory. If your destination directory is not in your PATH, modify your PATH and add the destination directory to your PATH statement. Your destination directory should not be a system directory that may be deleted during either a product or system software removal or delivery.

dataout support:

dataout is developed, maintained, and supported by Geographic Resource Solutions of Arcata, CA. Should you need support or information, or if you have suggestions or feedback, please contact:

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Program Purpose:

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dataout is a dgn to ascii file translation utility. dataout preserves database attributes and annotation as data are exported. For ArcInfo translation, dataout exports graphics and attributes

by theme into ascii files and generates an ArcInfo AML that rebuilds the data as a coverage in the ArcInfo environment.

Execution: dataout is initiated in the WinNT environment through a Visual Basic interface, or at the

command line, as follows:

Visual Basic Interface:

If MGE is installed, run dataout from an MGE Utility window, by keying in dataoutf. All MGE environmental variables will be set and used in this environment. If MGE is not installed, then execute the file dataoutf.exe by selecting it using File Manager or Explorer, or key in dataoutf at the DOS prompt in a DOS window. Some MicroStation variables may need to be set if operating the process in this manner.

OR

Command line in WinNT in MGE Utility window or DOS window:

```
prompt> perl -S dataout.pl [args]
```

There are a number of options [args] that may be specified when you run dataout. You only need to input (on the command line) the options you desire, otherwise process defaults will be used. dataout is run by keying in the command line:

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Arguments:

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RUNNING GRS_dataout (version 2.0)

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dataout options include:

-D [input dgn filename]
-F [output filename]
-U [ulf filename]
-O [xy] where x = destination system (A=ARC/INFO, V=VORTEX, Z=Zycor, E=MapBase)
and y = thematic type (A=AREA, L=LINEAR, P=POINT, and T=TEXT)
-f INDICATES to output feature linkage identifier as id number
-G INDICATES to use extended format for geographic coordinates(.xxxxxx)
-I [table name of table with mslinks to use as element_ids]
INDICATES to output database linkage as id number

```

-Id      <tablename,columnname> for VORTEX Header Label
-L l     INDICATES to use level for annotation level number
-L o     INDICATES to use color for annotation level number
-Label [tablename,columnname] to load text/node labels into database
-ns      [node_string_number] to load with -Label option - default is 0
-NP      INDICATES do not output text as point data
-sa      <tolerance in uors> - to stroke arcs
-sb      <tolerance in uors> - to stroke bsplines
-sc      <tolerance in uors> - to stroke curves
-t       <tablename> to unload for Arc/Info export
-T       <text_size,text_anno level,text_anno symb,text_angle>
        (output annotation and use the specified overrides)
-X       [x_offset]
-Y       [y_offset]
-z       INDICATES to output zero_length lines as points
-Z       INDICATES to output z_value as id number
where [...] indicates a required flag argument
        and <...> indicates an optional flag argument

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Examples:

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```
perl -S dataout.pl -U 147tmp.ulf -F 147.out -O ZA -sa -sc
```

```
perl -S dataout.pl -U 147tmp.ulf -F 147.out -O A -sa -sc
```

```
perl -S dataout.pl -l 63 -O ZA -D ky029sa01.dgn -F SalmonSpots.data -e 3,4,14
```

```
/* end of file - full documentation being developed */
```