



Bureau of Land Management Winnemucca Field Office



ARC/INFO AML'S

8/31/2000

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ARC/INFO AML's are scripts written in Arc Macro Language. An AML can be run in ARC/INFO using the AML directive &run. For example to run an AML called addacres you would type &run addacres. AML's can be created by anyone. A basic AML is a ASCII file containing a list of ARC/INFO commands to be executed. Some AML's that people have written are filed so that the AML's can be shared. On the Winnemucca GIS the shared AML's are in two places. Some AML's are filed at what's called an AML Path.

On the UNIX The AML Path is /gis1/amls

On the NT The AML Path is W:\gis\amls, and also W:\gis\atool\arc

When you start ARC/INFO this path is loaded for you so you don't need to type the path. But you will need to use the AML directive &run.

AML's are also filed at what's called an Atool.

On the UNIX the atool path is /gis1/atool/<program>.

On the NT the atool path is W:\gis\atool\<program>.

The Atool has a different directory for each of the modules in ARC/INFO. AML's that are filed in the Atool directories can be run as commands in ARC/INFO with out the &run directive. The following is a list of some of the AML's that are in the Atool directory. We hope to move most of the AML's from the AML Path to the Atool in the future.

AML's that were written for ARC INFO on the UNIX do not always run in ARC INFO on the NT. Many of the AML's that are on the UNIX have been edited to run on the NT but not all of them.

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ARC

ADDACRES {cover} **UNIX and NT**

Adds an acres field to polygon cover. Both POLYGONS and REGIONS

ADDMILES {cover} **UNIX and NT**

Adds miles field to line cover. Both ARCS and ROUTES

ADDUTM <cover> **UNIX and NT**

Adds and populates EASTING and NORTHING UTM items to the .pat file of a point cover.

ADDUTMPOLY <cover> **UNIX and NT**

Adds and populates EASTING and NORTHING UTM items to the .pat file of a polygon cover. The EASTING and NORTHING use the label point of the polygon.

DIGITIZE <covername> **UNIX Only, Not an Atool use &run digitize <covername>**

Runs a digitize AML for setting up the digitizer for use in ARCEDIT. Starts ARCEDIT if not already running, Sets up the digitizer, and starts editing the cover.

FINDFIRE **UNIX and NT**

Starts the Find Fire program. Find Fire is a set of AML's for finding and changing coordinates. From a set of coordinates Find Fire will map the location and return the legal location. Created by Rick Crawford

PROJ27 **UNIX and NT**

copies the projection file from cover wmca_bndy to the projection file of any other cover

REPORTACRES <COVER> <ITEM> {ITEM2}{ITEM3} {PRINTER} {FILE} {TITLE}
UNIX and NT

Creates a tabular report of the acres by item for polygons in a polygon cover. Up to three items can be used. Use # as a place holder for items not needed. Created by Rick Crawford

REPORTMILES <COVER> <ITEM> {ITEM2}{ITEM3} {PRINTER} {FILE} {TITLE}

UNIX and NT

Creates a tabular report of the miles by item for arcs in a line cover. Up to three items can be used. Use # as a place holder for items not needed. Created by Rick Crawford

REPORTPOINTS <COVER> <ITEM> {ITEM2}{ITEM3} {PRINTER} {FILE} {TITLE}
UNIX and NT

Creates a tabular report of the point frequency by item for points in a point cover. Up to three items can be used. Use # as a place holder for items not needed. Created by Rick Crawford

TOWNSHIP UNIX Only

Creates regions on a polygon coverage that has TOWNSHIP, RANGE, and TOWN attributes.

TRIM2ARC UNIX and NT to use type "trim2arc init"

Imports GPS files that have been exported from Pathfinder Office as ARC INFO Generate Format. This script came with the Pathfinder Office software.

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ARCEDIT

BACKARC <cover> {color} UNIX and NT

Puts the arcs from a cover in the background with the given color.

BACKPOLY <cover> {color} UNIX and NT

Puts the polygons from a cover in the background with the given color.

DD UNIX and NT

Deletes what is selected.

DIGITIZE <covername> UNIX Only, Not an Atool, Use &run digitize <covername>

Runs a digitize AML for setting up the digitizer for use in ARCEDIT. Starts ARCEDIT if not already running, Sets up the digitizer, and starts editing the cover.

MENU UNIX and NT

Starts a point and click menu for editing arcs. Created by Rick Crawford

REMOVEALL UNIX and NT

Removes all coverage's from editcover, snapcover, and backcover

SAME <attribute> UNIX Only

Selects all the arcs in a polygon cover that have the same attribute value on both sides. The cover needs to have both arc and polygon attribute files.

VD UNIX and NT

Vertex delete

VM UNIX and NT

Vertex Move

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ARC PLOT

BLM_LOGO UNIX Only

Draws the BLM logo using a tiff file.

BLM_LOGO_P UNIX Only

Draws the BLM logo using a polygon cover.

DOI_LOGO UNIX Only

Draws the Department of Interior logo using a tiff file.

FRAME UNIX Only

Draws a frame on a map using the map limits.

FS_LOGO UNIX Only

Draws the Forest Service logo using a tiff file.

MASELRANGE <min> <max> UNIX Only

Adds a range of selected map objects to the selected set of map objects in a map composition.

MSELECTRANGE <min> <max> **UNIX Only**

Selects a range of map objects in a map composition.

NORTH {x} {y} **UNIX Only**

Draws a north arrow at the given location.

SCALE {x} {y} **UNIX Only**

Draws a scale bar at the given location.

SCALE2 <* | xmin ymin xmax ymax | HELP> <ASK | YES | NO> <ptsize> **UNIX Only**

Draws a scale bar.

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