
Subject: ADF format in IDL

Posted by [mdoubkova](#) on Fri, 02 Nov 2007 07:33:02 GMT

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I have another suggestion. I have to admit that I got scared (as usual) by the ESRI format, in this case ESRI GRID binary format. I think I would spend a whole day figuring out how to read this since I am not a programmer, but geographer with some programming skills. So here is another possible solution:

convert ESRI GRID to ascii grid and then simply read it using read_ascii in IDL

1) converting to ascii grid bunch of files

```
&s count := [filelist * outfile -grid]
&if %count% <= 0 &then
  &return Error generating output file.
&s unit := [open outfile ok -read]
&do l := 1 &to %count%
  &s cover := [read %unit% ok]
  &s output = %cover%_ascii
  GRIDASCII %cover% %output%
&end
&s ok := [close %unit%]
&s ok := [delete outfile -file]
&return
```

2) converting to simple binary file

```
data=read_ascii(file, data_start=6,num_records=nrows,delimiter=' ')
data=data.(0)
```

```
openw,lun,outfile,/get_lun
writeu, lun, data
close,lun,/force
free_lun,lun
```

Hope this may be helpful,
Marcela
