Subject: help automating 'read in process' and general automating help
Posted by mbweller on Sat, 23 Aug 2008 01:33:14 GMT
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Hi all,

I need to read in anywhere from 200 to 36000 ascii files and convert
them into .sav files. I was looking for some help in running a script
to do this.

I've been using this method (below), but it is far too time consuming
with this many files.

 -- --

IDL> table = read_ascii('g:\Mars_tectonics\10deg _analysis
\a6.txt',template=ascii_template('g:\Mars_tectonics\10deg _analysis
\a6.txt'))

IDL> help,table,/structure
** Structure <1229360>, 3 tags, length=300, data length=300, refs=1:
   FIELD1   INT   Array[30]
   FIELD2   FLOAT   Array[30]
   FIELD3   FLOAT   Array[30]
IDL> a6=fltarr(3,30)
IDL> a6[0,*]=table.field1
IDL> a6[1,*]=table.field2
IDL> a6[2,*]=table.field3
save,a6,filename='g:\mars_tectonics\10deg _analysis\a6.sav'
 -- --

They'll mostly be of this format and the naming convention is A-R and
1-16 (for this smaller iteration).
 This is important: if no file is found, i need it to create an array
of 0's.
Eventually, perhaps the end of this week, I'll need to work this
reading method into my actual computational program, but that's a
little bit later.

As an aside, does anyone know of a way/program/code that'll automate
the conversion of dbase files to ASCII? I have a program now that does
it, but it only does one at a time and adds odd characters that I then
must go in to manually delete.... Time consuming...

Thanks,
~Matt