Subject: Size limit on ASCII output files?
Posted by Barry Lesht on Wed, 29 Aug 2001 19:43:25 GMT

I was just trying to generate an ASCII file using PrintF and found that my system seems to limit the size of the output file to 64K (65536 characters). The file I produced was incomplete; changing the output format results in a different incomplete file, but one still 65536 characters long. I was doing this interactively using:

IDL> OpenW, lun, 'output.dat', /Get_LUN
IDL> ulim = N_Elements(t)-1
IDL> FOR i=0, ulim, DO PrintF, t(i), v1(i), v2(i), v3(i), v4(i),
Format='(5f10.5)'
IDL> Close, lun
IDL> Free_LUN, lun
IDL> Spawn, 'ls -l output.dat'
-rw-r--r--   1 blesht   user   65536 Aug 29 14:11 sedmodin.dat

The vectors are several thousand elements long. I'm using IDL5.4 under IRIX6.5.12. Does anyone know if this is an IDL problem that can be addressed with some option or keyword I haven't found or a unix (IRIX) related problem? Thanks.

--
Barry M. Lesht
Associate Director,
Environmental Research Division
Argonne National Laboratory   Phone: 630.252.4208
9700 S. Cass Ave.   FAX: 630.252.2959
Argonne, IL 60439   e-mail: bmlesht@anl.gov