
Subject: Re: Run Fortran executable in IDL
Posted by [bstecklu](#) on Thu, 06 Mar 2014 08:44:42 GMT
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justinclouds wrote:

- > I need to run a Fortran executable eros.exe. This Fortran executable uses an
- > input file EROS.INP and produces an output files EROS.OUT and EROS.PLT. The
- > executable works just fine (outside of IDL) and you can see that the output
- > files are updated. The objective to run this within IDL is to change the
- > input parameters in a loop. I tried the 'spawn' command like this:
- >
- > spawn, 'C:\EROS.exe < EROS.inp', /log_output
- >
- > It seems to want to run as I can see a shell process starting but get this
- > error:
- >
- > run-time error F6501: READ(EROS.INP) - end of file encountered
- >
- > Any ideas on how to get this to work?
- >
- > EROS.INP is like an ini file and contains text and numerical values.

So your IDL program is a wrapper which updates EROS.inp within a loop. Did you check whether the IDL-generated EROS.inp works from the command line? It seems the FORTRAN code expects some input which is not written from within IDL.

Regards, B.
