Subject: Re: Problem starting non IDL program with SPAWN
Posted by David Grier on Sat, 08 Sep 2012 11:39:10 GMT

Dear Trifon,

This probably does not get to the heart of the problem, but
the STRCOMPRESS() should not be necessary.

It's possible that your external program would be "happier" if it were
run in the intended directory:

IDL> cd, '~/LBLRTM/lblrtm/Chip1'
IDL> spawn, 'lblrtm_v12.1_linux_gnu_dbl'

Also, the existence of 'TAPE5~' (with the tilde) suggests that your IDL-spawned
program may have tried to process TAPE5 first and may even have generated some
output, which was overwritten when you ran the program from the command line.
Is TAPE5~ empty?

Your program also may rely on environment variables to find the various TAPE devices.
Perhaps these aren't available in the shell that IDL is spawning. You might want to check
that your SHELL environment variable is set to what you want, and that any other
necessary environment variables are properly set for that shell.

Good luck,

David

Subject: Re: Problem starting non IDL program with SPAWN
Posted by Tito on Sat, 08 Sep 2012 12:50:34 GMT

David,
Case closed! Thank you!
IDL> cd, '~/LBLRTM/lblrtm/Chip 1' - solve the problem! I should thought about that first.

All the best!
Trifon