"Dan B" wrote ...

> If I was running the c program from the command line I would pass the
> parameters to it there e.g.
>
>> ./program x y z a b c
>>
>
> forgive my ignorance but is this an example of argc-argv calling
> convention?

It appears you have an executable that may or may not call a shared library?
If you do have a shared object file (.so, .dll) , is there a specific reason
you want to directly call it's functions? Or are you possibly confusing
CALL_EXTERNAL which calls functions in external libraries with SPAWN which
executes external programs?

Since you have a command line executable you might think about using SPAWN.
Something like:

```
x=0.
y=0.
z=0.
a=1
b=2
c='outfile.dat'

SPAWN, '/path/to/program ' + STRTRIM(x,2) + ' ' + STRTRIM(y,2) +
  STRTRIM(z,2) + ' ' + STRTRIM(a,2) + ' ' + STRTRIM(b,2) + c
```


-Rick