Subject: Re: PRINTF printing to wrong LUN
Posted by ben.bighair on Wed, 14 Jul 2010 15:34:14 GMT
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On 7/14/10 10:48 AM, polystethylene wrote:
> Has anyone had any experience of IDL seemingly printing to the wrong
> logical unit number?
>
> I have this IF clause in my code:
>
>   IF nwestframes GE 1 THEN BEGIN
>   OPENW,lun2,'rotate.list'
>   PRINTF,lun2,FORMAT='("'+string(calibprefix)+'",A0)',lightlist[b]
>   CLOSE,lun2
>   PRINTF,lun,'rotate @rotate.list @rotate.list 180'
>   PRINT,'Pier flip occurs at frame
> '+string(FORMAT='(I0)',nwestframes+1)+'. 180deg rotation to be applied
> to all eastern sky images'
>   PRINTF,redinfo,'Pier Flip @ frame =
> '+string(FORMAT='(A0)',nwestframes+1)
>   ENDIF
>
> So as you can see I have a new file introduced within the IF clause,
> and two previously open units, lun& redinfo.
>
> Up until this point in the code, IDL was correctly printing to each
> lun, as I instructed it to. In this case however, it has printed 'Pier
> Flip @ frame   100' in the file associated with 'lun' instead of
> 'redinfo'. redinfo has other info successfully printed to it, so I
> have no idea why IDL suddenly messes up here.
>

Hi,

I adapted your snippet a bit (see below) and it seems to work fine on my
system { x86_64 darwin unix Mac OS X 7.1 Apr 21 2009   64   64}

My guess is that upstream of that code block the LUNs are getting swapped.

Cheers,
Ben

PRO testme

  OPENW, lun, "lun.txt", /GET
  OPENW, redinfo, "redinfo.txt", /GET
  GET_LUN, lun2

```
nwestframes = 2

IF nwestframes GE 1 THEN BEGIN
   PRINT, "lun2= " + STRTRIM(lun2,2)
   PRINT, "lun= " + STRTRIM(lun,2)
   PRINT, "redinfo= " + STRTRIM(redinfo,2)
   OPENW,lun2,'lun2.txt'
   PRINTF,lun2,"print to lun2"
   CLOSE,lun2
   PRINTF,lun,'print to lun'
   PRINT,'print to command line'
   PRINTF,redinfo,"print to redinfo"
ENDIF

FREE_LUN, lun
FREE_LUN, redinfo
FREE_LUN, lun2

END
```