Subject: bug in cgm device???
Posted by Pepijn Kenter on Mon, 07 Oct 2002 12:26:29 GMT

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Hi all.

When I run the following program (in IDL 5.5) I get the following output.

---------- program ---------------
pro file_test

set_plot, 'cgm'
plot, indgen(40)

openr, lun, 'RA_ABS_IRR_MAIN', /get_lun
print, 'lun: ' + string(lun)
free_lun, lun

device, /close_file

help, /files
end

---------- output ---------------

IDL> file_test
% Compiled module: FILE_TEST.
% PLOT: Warning - No colormap has been loaded into CGM driver.
lun: 101
Unit   Attributes   Name
100   Closed, Reserved

IDL> .reset_session
IDL> file_test
% Compiled module: FILE_TEST.
% OPENR: File unit is already open. Unit: 100, File: idl.cgm.
% Execution halted at: FILE_TEST   9
/home/pepijn/gokey/results/fm1/radiometric/tb1/f
  ile_test.pro
% $MAIN$

So LUN 100 is still reserved. This is a side effect that gets me in to
trouble when I type: .reset_session and run the program again, as can be
seen in the last few lines.

When I use the "ps" device instead of the "cgm" I don't get this error, so

it seems to me that there is a bug in IDL.
Or am I doing something wrong?

Thanks for your help, Pepijn Kenter.