
Subject: GET_LUN running out of LUNs?

Posted by [MKatz843](#) on Wed, 12 Jun 2002 23:40:52 GMT

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I'm having trouble with GET_LUN and OPENW, running out of free units, even though I'm very careful to close every unit I open. These are units numbered from 100 to 128. I don't remember reading that IDL treats them differently than numbers below 100.

Here's are three examples.

```
FOR i=0,30 do BEGIN
  GET_LUN, unit
  print, i, unit
  close, unit
ENDFOR
END
```

Output:

```
    0    100
    1    101
    2    102
...
   27    127
   28    128
% GET_LUN: All available logical units are currently in use.
% Execution halted at: $MAIN$          2
```

However, if I do this

```
FOR i=0,30 do BEGIN
  GET_LUN, unit
  print, i, unit
  close, unit, /ALL ;--- Note the /ALL here.
ENDFOR
END
```

Then the output is

```
    0    100
    1    100
    2    100
... and so forth. Perfect.
```

I get the same behavior when OPENW replaces GET_LUN as follows

OPENW, unit, filename, /GET_LUN

So it would appear that IDL is ignoring my request to CLOSE the file unit, unless I specify /ALL.

Am I missing a trick here. Do I need to use

CLOSE, unit, /PLEASE ?

Thanks,

M. Katz
