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Subject: Re: get\_lun & free\_lun  
Posted by [markb77](#) on Tue, 19 Aug 2014 17:24:57 GMT  
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On Tuesday, August 19, 2014 6:13:17 PM UTC+2, Yngvar Larsen wrote:

> On Tuesday, 19 August 2014 14:02:05 UTC+2, superchromix wrote:

>

>> I just noticed that get\_lun and free\_lun are limited to unit numbers 100-128. That means an IDL application could have access to (at maximum) 29 files simultaneously.

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>> Is there any way around this, other than hard-coding logical unit numbers into your code?

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> 1) Use idl\_idlbridge. The new idl "child processes" get their own separate set of LUNs (but possibly limited by your OS: see eg "ulimit -n" and "sysctl -n kernel.maxfiles" on a linux system)

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>

>

> or

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> 2) Close your files as soon as possible after you finish reading/writing what you need. (In what scenario do you need to keep more than 29 files open at the same time?)

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> Yngvar

Thanks for the tip about the IDL\_IDLBridge - I'm glad that's the case. I was thinking of a scenario where 5 instances of an application are running simultaneously.. it wouldn't be unreasonable for each of those applications to have 5 files open...

Mark

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