Subject: Re: Free lun ALL

Posted by David Fanning on Wed, 11 Aug 2004 15:22:24 GMT

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Rafael Loos writes:

- > Is there a way to free all the units that you have created?
- > Or I need to specify all the Unit names?
- > I mean something like that:

>

> Free_lun, /all

>

> Or I need to do:

>

- > Free_lun, unit1
- > Free_lun, unit2
- > Free_lun, unit3

Well, I tried this:

IDL> ? Free Lun

And I learned that this is available:

Free_Lun, unit1, unit2, unit3

Cheers,

David

__

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Free_lun ALL

Posted by Paul Van Delst[1] on Wed, 11 Aug 2004 15:50:19 GMT

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Rafael Loos wrote:

- > Hi.
- > Is there a way to free all the units that you have created?
- > Or I need to specify all the Unit names?

>

> I mean something like that:

>

```
> Free_lun, /all
> Or I need to do:
> Free_lun, unit1
> Free_lun, unit2
> Free_lun, unit3
```

should do what you want (I think). It closes ALL open files and free's their luns too.

paulv

Subject: Re: Free_lun ALL
Posted by David Fanning on Wed, 11 Aug 2004 16:04:37 GMT
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Paul Van Delst writes:

```
> Rafael Loos wrote:
>> Hi.
>> Is there a way to free all the units that you have created?
>> Or I need to specify all the Unit names?
>>
>> I mean something like that:
>>
>> Free_lun, /all
>>
>> Or I need to do:
>>
>> Free_lun, unit1
>> Free lun, unit2
>> Free lun, unit3
> CLOSE, /ALL
>
 should do what you want (I think). It closes ALL open files and free's their luns too.
> paulv
```

Ooogh, I'd be careful telling someone who is just becoming familiar with IDL (and the on-line help system) to do something like this. This is one of those Bad Programming Practices that sooner or later leads to HEAP_GC showing up in their code. :-(

Cheers,

David

David Fanning, Ph.D.

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Subject: Re: Free_lun ALL
Posted by Paul Van Delst[1] on Wed, 11 Aug 2004 16:21:20 GMT
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```
David Fanning wrote:
> Paul Van Delst writes:
>
>> Rafael Loos wrote:
>>> Hi.
>>> Is there a way to free all the units that you have created?
>>> Or I need to specify all the Unit names?
>>>
>>> I mean something like that:
>>>
>>> Free_lun, /all
>>> Or I need to do:
>>>
>>> Free lun, unit1
>>> Free lun, unit2
>>> Free lun, unit3
>>
>> CLOSE, /ALL
>>
>> should do what you want (I think). It closes ALL open files and free's their luns too.
>>
>> paulv
>
> Ooogh, I'd be careful telling someone who is just
> becoming familiar with IDL (and the on-line help
> system) to do something like this. This is one of
> those Bad Programming Practices that sooner or later
> leads to HEAP_GC showing up in their code. :-(
```

True, but I assumed the OP needed to close ALL open files because an error occurred, or

you've inserted a STOP statement in your code. Then, when you get tossed back out to the IDL prompt you do something like:

IDL> close, /all

IDL> retall

although I now prefer the more bull-in-a-china-shop method,

IDL> .reset_session

:0)

So, to the OP, I personally *never* use CLOSE,/ALL in "real" IDL code. Just in the debug parts.

paulv

p.s. Although I hear that HEAP_GC is a favourite of some.... :o)