
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
```

CLOSE, /ALL

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> retail
```

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

```
IDL> .reset_session
```

:o)

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)
