
Subject: Reading and saving a file
Posted by [Giovanna](#) on Wed, 26 Jan 2011 13:25:46 GMT
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Hi all,

I need to read and save a file using IDL, but my code is reading and saving only the first line. Please, see my code:

```
PRO READ_FILE
OpenR, lun, 'C:\Documents and Settings\Web\IDLWorkspace\Projeto_Estudo
\dados.dat', /Get_lun
file = "
ReadF, lun, file
SAVE, FILENAME=('C:\Documents and Settings\Web\IDLWorkspace
\Projeto_Estudo\teste1.dat')

;print,file
END
```

Subject: Re: Reading and saving a file
Posted by [David Fanning](#) on Thu, 27 Jan 2011 16:42:46 GMT
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Giovanna writes:

```
> This error is occurring when running:
>
> Error -
> OPENR: All available logical units are currently in use.
> % Execution halted at: READ_FILE      3 read_file.pro
> %           $MAIN$
>
> This error is occurring this line: OpenR, lun, 'dados.dat', /Get_lun
>
> What could be??
```

That could be using CLOSE instead of FREE_LUN to close your file. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Reading and saving a file
Posted by [pgrigis](#) on Thu, 27 Jan 2011 17:18:54 GMT
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On Jan 27, 11:42 am, David Fanning <n...@dfanning.com> wrote:

```
> Giovanna writes:
>> This error is occurring when running:
>
>> Error -
>> OPENR: All available logical units are currently in use.
>> % Execution halted at: READ_FILE      3 read_file.pro
>> %                $MAIN$
>
>> This error is occurring this line: OpenR, lun, 'dados.dat', /Get_lun
>
>> What could be??
>
> That could be using CLOSE instead of FREE_LUN to
> close your file. :-)
```

Well someone has to give some bad advice here from time to time to ensure that this place does not die off for lack of posts :)

Though I am a bit surprised at how fast Giovanna ran out of LUNs seeing she was trying to write out a single file...

Ciao,
Paolo

```
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
```

Subject: Re: Reading and saving a file
Posted by [David Fanning](#) on Thu, 27 Jan 2011 17:23:55 GMT
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Paolo writes:

> Well someone has to give some bad advice here from time to time
> to ensure that this place does not die off for lack of posts :)
>
> Though I am a bit surprised at how fast Giovanna ran out of
> LUNs seeing she was trying to write out a single file...

Yeah, you would think a hundred or so would be enough,
but it never is. ;-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Reading and saving a file
Posted by [Giovanna](#) on Thu, 27 Jan 2011 17:54:24 GMT
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On 27 jan, 15:23, David Fanning <n...@dfanning.com> wrote:

> Paolo writes:
>> Well someone has to give some bad advice here from time to time
>> to ensure that this place does not die off for lack of posts :)
>
>> Though I am a bit surprised at how fast Giovanna ran out of
>> LUNs seeing she was trying to write out a single file...
>
> Yeah, you would think a hundred or so would be enough,
> but it never is. ;-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.

- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Hi,

The program stoped to show that message: OPENR: All available logical units are currently in use.

Thanks

Subject: Re: Reading and saving a file
Posted by [penteado](#) on Thu, 27 Jan 2011 18:18:01 GMT
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On Jan 27, 3:23 pm, David Fanning <n...@dfanning.com> wrote:

>> Though I am a bit surprised at how fast Giovanna ran out of
>> LUNs seeing she was trying to write out a single file...
>
> Yeah, you would think a hundred or so would be enough,
> but it never is. ;-)

I got very annoyed by the low limit when working with several IDL_Savefile objects. Apparently they also used some limited unit number. I intended to keep an array of those objects, to access whatever file the application needed. But because of the limit I had to revert to creating the objects on demand, on each access. Fortunately, the application only had to do occasional large accesses, not frequent small reads.

Subject: Re: Reading and saving a file
Posted by [Giovanna](#) on Fri, 28 Jan 2011 11:45:42 GMT
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On 27 jan, 16:18, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Jan 27, 3:23 pm, David Fanning <n...@dfanning.com> wrote:
>
>>> Though I am a bit surprised at how fast Giovanna ran out of
>>> LUNs seeing she was trying to write out a single file...
>
>> Yeah, you would think a hundred or so would be enough,
>> but it never is. ;-)
>

- > I got very annoyed by the low limit when working with several
- > IDL_Savefile objects. Apparently they also used some limited unit
- > number. I intended to keep an array of those objects, to access
- > whatever file the application needed. But because of the limit I had
- > to revert to creating the objects on demand, on each access.
- > Fortunately, the application only had to do occasional large accesses,
- > not frequent small reads.

Hello,

Me again....same topic

I'm trying read two files and to save in other file. See my code:

<http://pastebin.com/GRmNtags>

I run a command restore, to restore the file .sav and .cnj.... and then saved in 'data.dat' using 'printF'

Is this correct what I did in rows 16 to 23??

Thanks,
