
Subject: Re: append to the first line of a text file....

Posted by [David Fanning](#) on Fri, 14 Jan 2011 17:34:08 GMT

[View Forum Message](#) <> [Reply to Message](#)

George Millward writes:

- > I am wanting to 'append' an ascii file - but instead of appending the
- > new data to the bottom
- > I want the new data to be at the top of the file.
- >
- > Does anyone have any suggestions ?

Have you tried positioning the file pointer to the beginning of the file with POINT_LUN? Worth a try, I guess. You may have to include your own carriage return.

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: append to the first line of a text file....

Posted by [George Millward](#) on Fri, 14 Jan 2011 19:01:54 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Jan 14, 10:34 am, David Fanning <n...@dfanning.com> wrote:

- > George Millward writes:
- >> I am wanting to 'append' an ascii file - but instead of appending the
- >> new data to the bottom
- >> I want the new data to be at the top of the file.
- >>
- >> Does anyone have any suggestions ?
- >>
- > Have you tried positioning the file pointer to the
- > beginning of the file with POINT_LUN? Worth a try,
- > I guess. You may have to include your own carriage
- > return.
- >
- > 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.")

David,

Yes, tried that - it just overwrites the first line - same as doing
openu and printf without /append

ie,

```
openu, /append  
point_lun, 0  
printf
```

is the same as:

```
openu  
printf
```

At least I think so.

I guess I'm just going to have to write a routine to do what I want
...something like reading all the current data into a buffer - write
the new data - then append the buffer onto the new data.
...shouldn't be too hard - I was just wondering if there was a
keyword.

Thanks anyway.

George.

Subject: Re: append to the first line of a text file....
Posted by [lecacheux.alain](#) on Sat, 15 Jan 2011 08:48:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 14 jan, 20:01, George Millward <george.millw...@noaa.gov> wrote:

> On Jan 14, 10:34 am, David Fanning <n...@dfanning.com> wrote:
>
>
>
>
>

>> George Millward writes:
>>> I am wanting to 'append' an ascii file - but instead of appending the
>>> new data to the bottom
>>> I want the new data to be at the top of the file.
>
>>> Does anyone have any suggestions ?
>
>> Have you tried positioning the file pointer to the
>> beginning of the file with POINT_LUN? Worth a try,
>> I guess. You may have to include your own carriage
>> return.
>
>> 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.")
>
> David,
>
> Yes, tried that - it just overwrites the first line - same as doing
> openu and printf without /append
>
> ie,
>
> openu, /append
> point_lun, 0
> printf
>
> is the same as:
>
> openu
> printf
>
> At least I think so.
>
> I guess I'm just going to have to write a routine to do what I want
> ...something like reading all the current data into a buffer - write
> the new data - then append the buffer onto the new data.
> ...shouldn't be too hard - I was just wondering if there was a
> keyword.
>
> Thanks anyway.
>

> George.- Masquer le texte des messages précédents -
>
> - Afficher le texte des messages précédents -

What about:

```
new = some array of strings
old = strarr(file_lines(filename))
openu, lun, /GET_LUN, filename
readf, lun, old
point_lun, lun, 0
printf, lun, new, old
free_lun, lun
```

You might as well replace calling of the "file_lines" function by a "while ~eof(lun) do" construct or by a call to "skip_lun" function.

Subject: Re: append to the first line of a text file....
Posted by [ben.bighair](#) on Sat, 15 Jan 2011 13:46:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 1/14/11 2:01 PM, George Millward wrote:

>
> I guess I'm just going to have to write a routine to do what I want
> ...something like reading all the current data into a buffer - write
> the new data - then append the buffer onto the new data.
> ...shouldn't be too hard - I was just wondering if there was a
> keyword.
>

Hi,

If you decide to use the buffer approach, then you might want to consider something like Mike Galloy's MGArrayList.

<http://michaelgalloy.com/2006/04/24/collection-package-mgarraylist.html>

It operates just like IDL_Container but works for any data type. It could be that the new List() thingy in IDL 8 does this kind of stuff, but I am leashed to IDL 7.1 so I wouldn't know.

Cheers,
Ben
