Subject: Re: Help on text data

Posted by Gray on Tue, 24 Aug 2010 17:03:25 GMT

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On Aug 24, 7:51 am, Dave Poreh <d.po...@gmail.com> wrote:

- > Folks
- > I am reading some text data (I don't know how many) like this:
- > pathName="d:\p\"
- > List = findfile(pathName+"*.dat")
- > nosFiles=N ELEMENTS(List)
- > data = ptrarr(nosFiles)
- > for i = 0, nosFiles 1 do begin
- > x=read_ascii(list[i])
- > data[i] = ptr_new(x)
- > endfor
- > I want to put this data in a string like this:
- > names = ['data[0]', 'data[1]', 'data[2]',...] to proceed David's
- > name selctor.
- > I do not know how to do that.
- > Any help highly would be appreciated
- > Cheers,
- > Dave

I'm not sure exactly what you're asking... do you want a "names" array where names[0] is the string 'data[0]'? Or do you want a names array where names[0] = data[0]?

Subject: Re: Help on text data Posted by Gray on Tue, 24 Aug 2010 17:06:15 GMT View Forum Message <> Reply to Message

On Aug 24, 1:03 pm, Gray <grayliketheco...@gmail.com> wrote:

> On Aug 24, 7:51 am, Dave Poreh <d.po...@gmail.com> wrote:

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>
>
> Folks

> I am reading some text data (I don't know how many) like this:

> pathName="d:\p\"

>> List = findfile(pathName+"*.dat")

> nosFiles=N_ELEMENTS(List)

> data = ptrarr(nosFiles)

> for i = 0, nosFiles - 1 do begin

> x=read_ascii(list[i])

>> data[i] = ptr_new(x)

names = 'data['+strtrim(indgen(n_elements(data)),2)+']'

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Subject: Re: Help on text data
Posted by d.poreh on Wed, 25 Aug 2010 08:45:21 GMT
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On Aug 24, 10:06 am, Gray <grayliketheco...@gmail.com> wrote:
> On Aug 24, 1:03 pm, Gray <grayliketheco...@gmail.com> wrote:
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>> I'm not sure exactly what you're asking... do you want a "names" array >> where names[0] is the string 'data[0]'? Or do you want a names array >> where names[0] = data[0]? > if the former: > names = 'data['+strtrim(indgen(n_elements(data)),2)+']' thanks Gary. this is exactly what i want and works perfect. What about the posterior case: names[0] = data[0]?
```

Cheers, Dave

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Subject: Re: Help on text data
Posted by Gray on Wed, 25 Aug 2010 11:38:22 GMT
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On Aug 25, 4:45 am, Dave Poreh <d.po...@gmail.com> wrote:
> On Aug 24, 10:06 am, Gray <grayliketheco...@gmail.com> wrote:
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>>> where names[0] = data[0]?
>
>> if the former:
>
>> names = 'data['+strtrim(indgen(n_elements(data)),2)+']'
>> thanks Gary. this is exactly what i want and works perfect. What about
> the posterior case: names[0] = data[0]?
> Cheers,
> Dave
```

Well... you're using pointers. If you want the actual "data" in data[0] to be stored as names[0] (presumably without being a pointer), then you would need to put data[0] as a single string variable. If it is already (I don't know w/o looking at your data), then you're fine; otherwise, I guess you could do something like names[0] = strjoin(*data[0],'||') with the double pipe to indicate a line break or somesuch.

Subject: Re: Help on text data
Posted by d.poreh on Thu, 26 Aug 2010 07:29:36 GMT
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On Aug 25, 4:38 am, Gray <grayliketheco...@gmail.com> wrote:
> On Aug 25, 4:45 am, Dave Poreh <d.po...@gmail.com> wrote:
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>>>> > nosFiles=N_ELEMENTS(List)
>>> > data = ptrarr(nosFiles)
>>> > for i = 0, nosFiles - 1 do begin
```

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>>> > x=read ascii(list[i])
>>> >  data[i] = ptr new(x)
>>>> > endfor
>>>> > I want to put this data in a string like this:
>>>> > names = ['data[0]', 'data[1]', 'data[2]',...] to proceed David's
>>>> > name selctor.
>>>> > I do not know how to do that.
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