Subject: Re: The usage of PS_END
Posted by jeffnettles4870 on Mon, 06 Oct 2008 22:56:28 GMT

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On Oct 6, 5:22 pm, David Fanning <n...@dfanning.com> wrote:
> dux...@gmail.com writes:
>> I have found the reason that made PS_END not to covert PS file to
>> another type file.
>> Because my file path contains a space like 'C:\My Documents'.
>
>> The string 'cmd' in PS_END is 'convert -density 300 D:\My Documents
>> \lineplot.ps -resize 25% D:\My Documents\lineplot.png'
>> When the command 'SPAWN, cmd' is executed, the windows system cannot
>> identify 'My Documents' as a whole directory name.
>> So the double quotation marks shouble be added for the filename with
>> filepath.
>> The cmd become 'convert -density 300 "D:\My Documents\lineplot.ps" -
>> resize 25% "D:\My Documents\lineplot.png"'.
>
>> Therefore, I change the line 187 in PS_START/PS_END into
>> cmd =3D 'convert -density 300 ' + '"' + ps_struct.filename + '"' + ' -
>> resize 25% ' + '"' + outfilename + '"'
>> And now the command 'PS_END, /png' can create 'lineplot.png'
>> successfully.
>
>> But I want to konw how to call PS_START with the whole path filename,
>> for example:
>>   ps_start,filename=3D'D:\plot.ps'
>
> Humm. This is a good point. Spaces in file names gave
> me so damn much grief when the Windows and first Mac
> versions of IDL came out, that I have never--from that
> day to this--EVER named a directory with a space in it
> on any computer I ever owned. (The definition of an
> indelible experience, I guess.)
>
> ITTVIS has produced a function (IDL_VALIDNAME) to let
> you know if a string is a valid variable name. Perhaps
> someone can write a function that can fix filenames with
> spaces inside them. (I have to leave it as an exercise
> for the reader, as I am late for a meeting.)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.

> Coyote's Guide to IDL Programming (www.dfanning.com)
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

This gave me an issue with ps_start/ps_end also. You have to surround
the path with quotes, but this turned out to not be as easy as I
thought so what I did was use the ascii character for a quote:

path = c:\documents and settings\blah\blah\blah'
quote = string(34b)
path = quote + path + quote

That worked for me.

Jeff