
Subject: Re: String Array to 'regular' array?
Posted by [Barbara](#) on Tue, 04 Aug 2009 17:51:00 GMT
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On Aug 4, 10:49 am, Barbara <med...@susqu.edu> wrote:
> Ok so here's the current issue. I created an average of a few images
> the other day, and saved the images as an .isv file. I went to use
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> having closed and reopened IDL?

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(blah blah blah))

Subject: Re: String Array to 'regular' array?
Posted by [penteado](#) on Tue, 04 Aug 2009 18:07:15 GMT
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On Aug 4, 2:51 pm, Barbara <med...@susqu.edu> wrote:
> On Aug 4, 10:49 am, Barbara <med...@susqu.edu> wrote:
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From that I do not understand what you did. What do you mean by "went to use it"? How did you make the isv files?

Also, what is about string arrays that makes you call them not regular?

file_which always returns a string scalar, which is why the indexes you use (123,123) do not exist. It is just the path for the first file found matching the conditions of its arguments.

Subject: Re: String Array to 'regular' array?
Posted by [Barbara](#) on Tue, 04 Aug 2009 18:12:24 GMT
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On Aug 4, 11:07 am, pp <pp.pente...@gmail.com> wrote:

> On Aug 4, 2:51 pm, Barbara <med...@susqu.edu> wrote:

>

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i saved the image as an isv file.. in itools i went to save as and saved the file. If lie_which is a scalar, how do I get an array from it of the numbers that are in the image?

Subject: Re: String Array to 'regular' array?
Posted by [David Fanning](#) on Tue, 04 Aug 2009 18:24:35 GMT
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Barbara writes:

- > i saved the image as an isv file.. in itools i went to save as and
- > saved the file. If lie_which is a scalar, how do I get an array from
- > it of the numbers that are in the image?

Oh, dear. You must be confusing FILE_WHICH with something else you have used. Do you have on-line help anywhere close by?

Wish I could help, but I don't know the first thing about iTools. Sorry. :-)

Cheers,

David

--

David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: String Array to 'regular' array?
Posted by [David Fanning](#) on Tue, 04 Aug 2009 18:46:14 GMT
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Barbara writes:

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- > the other day, and saved the images as an .isv file. I went to use
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Have you ever read Oliver Sack's book, The Man Who Mistook His Wife For His Hat? It's kind of like that. :-)

You need data. Not the name of the file where the data resides. Although knowing where it resides is a good first step to obtaining it!

Cheers,

David

--

David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: String Array to 'regular' array?
Posted by [penteado](#) on Tue, 04 Aug 2009 18:49:44 GMT
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On Aug 4, 3:12 pm, Barbara <med...@susqu.edu> wrote:
> On Aug 4, 11:07 am, pp <pp.pente...@gmail.com> wrote:
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```

Open the isv in an itool (in Windows, double-clicking the file should do it, or just open any itool from IDL (a simple iplot in the command line is enough, it does not matter which itool made the isv file)). Then select the image you are interested in, and use File->Export data to IDL (I think before IDL 7.1 it used to be in File->Export->To an IDL variable). You can then select to export the image (imagepixels) and/or the palette, and pick the name of the variables where they are put (they default to image_planes and palette).

Subject: Re: String Array to 'regular' array?
Posted by [Barbara](#) on Tue, 04 Aug 2009 19:54:55 GMT
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On Aug 4, 11:49 am, pp <pp.pente...@gmail.com> wrote:
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- > put (they default to image_planes and palette).

Thank you both! This was very helpful (and David your story made me smile and but me into perspective haha) and I am glad I have it all figured out now!

Subject: Re: String Array to 'regular' array?

Posted by [Craig Markwardt](#) on Wed, 05 Aug 2009 04:07:00 GMT

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On Aug 4, 2:46 pm, David Fanning <n...@dfanning.com> wrote:

- > Barbara writes:
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- > with the address, rather than with your Mother.

I think with enough alcohol I could have a conversation with an address... :-)

Craig
