Subject: Re: String Array to 'regular' array?
Posted by penteado on Tue, 04 Aug 2009 18:49:44 GMT
View Forum Message <> Reply to Message

On Aug 4, 3:12 pm, Barbara <med...@susqu.edu> wrote:
> On Aug 4, 11:07 am, pp <pp.pente...@gmail.com> wrote:
>
>
>
>> On Aug 4, 2:51 pm, Barbara <med...@susqu.edu> wrote:
>
>>> 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
>>>> it, and realized I can't use half of the image because the numbers are
>>>> zeros. So I tried to just take a few rows of the image, and I get an
>>>> error every time. The image is a 1024x1024 image. But I get an error
>>>> that says:
>
>>>> % Attempt to subscript MF with <INT (123)> is out of range.
>>>> % Execution halted at: $MAIN$
>
>>>> (after I had input IDL> read2=mf[123,123])
>
>>>> Is there a way to fix this or do I have to re-average the images? And
>>>> if that's the case, how do I save it next time so I can use it after
>>>> having closed and reopened IDL?
>
>>> I should also add that mf is a string array, I had done mf=file_which
>>> (blah blah blah))
>
>> 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.
>
> 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?

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).
