Subject: Store differents size of .fits into one single array Posted by a.clovirola on Wed, 16 Oct 2013 17:21:57 GMT

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Hello everyone,

My question is about dealing with multiple size of image before any operation.

I have several .fits file of different size : 1050x800, 525x400 mainly.

i use file search to list the different names and create an empty array (1050,800,n-elements(filelist).

My problem is with the smaller array, he refuses to write it due to the different size.

Is there a way to trick IDL to write 0 instead of nothing for the smaller images?

Thank your for your time:)

Subject: Re: Store differents size of .fits into one single array Posted by Fabzi on Wed, 16 Oct 2013 18:09:08 GMT

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On 10/16/2013 07:21 PM, Alexander C. wrote:

- > Is there a way to trick IDL to write 0 instead of nothing
- > for the smaller images?

Yes (arr[0:524,0:399]=smaller array), but I am not sure if it is a good idea to so. Whatever operation you are going to do afterwards is going to be tiresome with all those zeros.

If you have IDL8+ you could use a list to store your images. If not, you could use a pointer array (PTRARR)

Subject: Re: Store differents size of .fits into one single array Posted by a.clovirola on Thu, 17 Oct 2013 12:19:14 GMT

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- > If you have IDL8+ you could use a list to store your images. If not, you
- > could use a pointer array (PTRARR)

Thanks for the list tip, i used it and it works, i have now a liste containing my arrays:)

fich=file_search(dir+'*'+format) image=list()

for i=0,n_elements(fich)-1 do image.add,readfits(file[i])

if someone is interessed:)

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