
Subject: Re: read_ascii for more than one file
Posted by [britta.mey](#) on Fri, 24 Aug 2007 06:33:59 GMT
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On Aug 23, 6:56 pm, Conor <cmanc...@gmail.com> wrote:

> On Aug 23, 12:24 pm, b...@uni-mainz.de wrote:

>

>

>

>> Hello,

>

>> i'd like to read arrays (3 columns, 2072758 lines) from more than one

>> file do get some kind of data(k) where k (k=146) is the number of

>> files and data is the array.

>

>> For one file it works quite well with:

>

>> data = read_ascii(file) & data = data.(0)

>> g = data[0, *]

>> r = data[1, *]

>> nir = data[2, *]

>

>> For this code i do not need to declare data, g, r and nir

>

>> But i do not know how i can manage it for k files (without getting
>> error messages).

>

>> Britta

>

> Well, why not just create a gigantic 3-d array and fill the array one
> by one?

>

> everything = fltarr(3,2072758,146)

>

> for i=0,146-1 do begin

> file = 'file' + string(i+1,format='(i0)')

> data = read_ascii(file) & data = data.(0)

> everything[:,*,i] = data

> endfor

>

> In this case, the program expects the files to be named something

> like: 'file1', 'file2', ... 'file146'. Obviously, you would have to

> adjust the names accordingly. Worse comes to worse you could always

> specify each one individually in a string array and extract the

> filename as you loop through.

Hello,

when i try this suggestion i get the error message: "%Array has too many elements." at the line "everything = fltarr(3,2072758,146)".

Is there a possibility to fix this error?

Britta
