
Subject: Re: read_ascii for more than one file
Posted by [Conor](#) on Thu, 23 Aug 2007 16:56:27 GMT
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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.
