
Subject: Re: Filling array in loop
Posted by [Alexa](#) on Mon, 18 Jul 2011 18:53:44 GMT
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On Jul 18, 2:46 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Jul 18, 3:06 pm, Alexa <alexa7...@gmail.com> wrote:

>

>

>

>> Hi All,

>

>> I'm trying to write a routine that loops through folders, grabs data
>> from each folder, and makes one large array out of all the
>> information. This is what I'm currently trying,

>

>> ;;Open file with list of metallicities and put into an array
>> ReadCol, "MetalsList.txt", Metal, Format='a'
>> print, Metal

>

>> ;;Create temporary arrays for the transitions
>> Result=FLTARR(41, 25)

>

>> ;;Open the metals folders in order to read in col.txt

>

>> for nt=0, N_ELEMENTS(Metal)-1 do begin
>> cd, Metal[nt]
>> print, Metal[nt]
>> ;;Read in column densities
>> ReadCol, 'Result.cd', U, result, Format='a'

>

>> cd, '..'

>

>> ;Fill arrays

>

>> Result(nt)=[U, result]
>> print, Result
>> endfor

>

>> But instead of one large array, I get a smaller array for each folder.
>> Any suggestions on how I can fix this?

>

> On each pass through the line

>

> ReadCol, 'Result.cd', U, result, Format='a'

>

> I would expect (I do not know the details of readcol) the array result
> to be reassigned, containing just what was read, throwing out whatever
> was in it before. If so, you can just use another variable for

> readcol.

Thanks! I just remembered that IDL doesn't care about capitalization.
