
Subject: Printing array to text file

Posted by [Alexa](#) on Mon, 29 Aug 2011 21:23:30 GMT

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Hi All,

When I'm printing an array to a text file it doesn't print in way that maintains the proper number of rows and columns.

Here's what I'm doing to fill the array in IDL,

```
;;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
O3arr=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]
  ;;Read in column densities
  ReadCol, 'O3.cd', U, O3

  cd, '..'

  ;Fill arrays

  O3arr(nt,*)=o3
endfor
```

I think the problem is probably how I'm printing the array to a text file

```
openw, lun, 'O3arr.txt', /GET_LUN
printf,lun, O3arr
close, lun & free_lun, lun
```

Do you see anything here that would cause the array not to have the proper columns and rows?

Thanks,
Alexa
