## Subject: Re: Printing array to text file Posted by Paul Van Delst[1] on Mon, 29 Aug 2011 21:28:50 GMT View Forum Message <> Reply to Message

check out the WIDTH keyword to OPENW

```
cheers,
pauly
Alexa wrote:
> 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
>
  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

Subject: Re: Printing array to text file Posted by Brian Wolven on Mon, 29 Aug 2011 21:36:38 GMT View Forum Message <> Reply to Message

I think you're going to need to specify a format with a fixed number of values and decimal places for each value if you want to generate nice even columns. I don't think that the default IDL format will provide that, unless the values are pretty uniform.