Subject: Re: Writing 2 arrays of a different type into one text file
Posted by Helder Marchetto on Fri, 23 Oct 2015 09:25:35 GMT

On Friday, October 23, 2015 at 10:10:38 AM UTC+2, Kai Heckel wrote:
> Hello!
>
> Is it possible to write 2 arrays into one text file?
> What I have are 2 arrays: 1) float, 2) string.
> I would like to write the string array into the 1st column and the float array into the 2nd column.
Is this somehow possible?
>
> Thanks in advance
>
> Cheers,
> Kai

Yes.
arrayFloat = randomu(s, 10)
arrayStrings = strtrim(findgen(10),2)
fileName = 'testFileOutput.txt'
get_lun, fileUnit
openw, fileUnit, fileName
printf, fileUnit, transpose(arrayStrings+', '+string(arrayFloat,FORMAT='(f0.3)'))
close,   fileUnit
free_lun, fileUnit

Play a bit around with string() and the format keyword. A way or another, you will get what you
want (constant width for the columns or number of decimals, separator, ...).

Cheers,
Helder