Subject: Writing each filename into new line of text file
Posted by Kai Heckel on Fri, 29 May 2015 12:48:42 GMT

Hey!

I'd like to list my files and write them into a text file. Each filename should be in a separate line....
Shouldn't be to hard ;)

This is what I have:

```
PRO test
  cd, 'Path of my files'
  files_all = FILE_SEARCH()
  openw,lun1,'fileinfo.txt', /get_lun
  printf, lun1, files_all, FORMAT='(A)'
  close, lun1
  free_lun,lun1
END
```

I couldn't find any suitable command till now...

Thanks!

Subject: Re: Writing each filename into new line of text file
Posted by Nikola on Fri, 29 May 2015 18:19:48 GMT

This should suffice;

```
PRO test
  cd, 'Path of my files'
  files_all = FILE_SEARCH()
  openw,lun1,'fileinfo.txt', /get_lun
  FOR i = 0, N_ELEMENTS(files_all) DO $
    printf, lun1, files_all[i]
  free_lun,lun1
END
```

Try

help, files_all

it's an array

Subject: Re: Writing each filename into new line of text file
Posted by Dick Jackson on Fri, 29 May 2015 20:43:54 GMT

On Friday, 29 May 2015 05:48:43 UTC-7, Kai Heckel wrote:
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As we often ask around here, "in what way is this not working for you?". When I run this, it does
write every filename on a separate line, as expected. It also seems to be listing contained
folders... is that the problem? If so, use this instead:

   files_all = FILE_SEARCH(/TEST_REGULAR)

Bonus: if you're going to do "free_lun", you don't have to do "close"!

Cheers,
-Dick

Dick Jackson Software Consulting Inc.
Victoria, BC, Canada --- http://www.d-jackson.com

Subject: Re: Writing each filename into new line of text file
Posted by Kai Heckel on Mon, 01 Jun 2015 07:24:21 GMT

Am Freitag, 29. Mai 2015 22:43:57 UTC+2 schrieb Dick Jackson:
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Thank you very much for your solutions!

@ Nikola:
If I try your version it prints my datasets into 3 columns for some reason...

@ Dick:
"/TEST_REGULAR" returns an empty string (not an array as needed)

I assume that it should be possible to reduce the number of columns in Nikolas version in some way.....isn't it?

Thanks everyone!

Subject: Re: Writing each filename into new line of text file
Posted by Kai Heckel on Mon, 01 Jun 2015 07:30:23 GMT
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Am Montag, 1. Juni 2015 09:24:23 UTC+2 schrieb Kai Heckel:
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I found the solution it is, as always, surprisingly easy!
Replacing the format-argument "A" with "A0" worked out as desired.
Now every file is written to a new line!

Thanks for your help!

Subject: Re: Writing each filename into new line of text file
Posted by Kai Heckel on Mon, 01 Jun 2015 09:20:35 GMT

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Another question just came up. In order to control my processing process with a lot of files I'd like to create two lists (txt.'s). One list contains the properly processed (ok_list) and one list the corrupt files(error_list). Based on an exitcode from my processor I'd like to write the name of the currently processed file into the correct list.

The only problem I have here is that e.g. if 2 files are correctly processed the first line of my ok_list should not be overwritten. How do I manage to do that?

Subject: Re: Writing each filename into new line of text file
Posted by   on Mon, 01 Jun 2015 12:06:28 GMT
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Den måndag 1 juni 2015 kl. 11:20:38 UTC+2 skrev Kai Heckel:
> Am Montag, 1. Juni 2015 09:30:26 UTC+2 schrieb Kai Heckel:
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Read the manual for the OPENW command and find the APPEND keyword?

Subject: Re: Writing each filename into new line of text file
Posted by Kai Heckel on Mon, 01 Jun 2015 13:19:55 GMT
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Am Montag, 1. Juni 2015 14:06:29 UTC+2 schrieb Mats Löfdahl:
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Yep, thanks. Reading the lines into a string array and then transferring it back to the original file seemed to be the most simple way to do it