
Subject: Printf

Posted by [Dete van Eeden](#) on Thu, 27 Aug 2015 09:08:36 GMT

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This makes No sense to me. I have the following:

```
filename = 'maks'+strcompress(xx)+''.txt'
```

```
File1 = filepath(filename,subdirectory = ['Final'])
```

```
openw,lun,File1,/get_lun
```

then I get the error OPENW: Expression must be a scalar or 1 element array in this context: FILE1.

before even getting to the printf part.

thanks

Subject: Re: Printf

Posted by [Yngvar Larsen](#) on Thu, 27 Aug 2015 09:26:08 GMT

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This probably means that your variable XX is an array (possibly with one element). Try

```
filename = 'maks'+strcompress(xx[0])+''.txt'
```

```
File1 = filepath(filename,subdirectory = ['Final'])
```

```
openw,lun,File1,/get_lun
```

As a side note:

```
IDL> print, filepath('somefile',subdirectory = ['Final'])
```

```
/usr/local/exelis/idl82/Final/somefile
```

Are you sure you really want to write to the default IDL root directory? If not, you can do something like this:

```
IDL> root_dir = '/my/data/directory/'
```

```
IDL> print, filepath('somefile',subdirectory = ['Final'], root_dir=root_dir)
```

```
/my/data/directory/Final/somefile
```

On Thursday, 27 August 2015 11:08:40 UTC+2, Dete van Eeden wrote:

> This makes No sense to me. I have the following:

>

>
> filename = 'maks'+strcompress(xx)+'.txt'
>
> File1 = filepath(filename,subdirectory = ['Final'])
>
> openw,lun,File1,/get_lun
>
> then I get the error OPENW: Expression must be a scalar or 1 element array in this context:
FILE1.
>
> before even getting to the printf part.
>
> thanks

Subject: Re: Printf
Posted by [Dete van Eeden](#) on Thu, 27 Aug 2015 11:26:18 GMT
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Thank you! it worked.

funny thing is i use xx through the whole program in exactly the same way without a problem, only get an error at the last one

thanks for the side note!!

Subject: Re: Printf
Posted by [Nikola](#) on Fri, 28 Aug 2015 10:40:51 GMT
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On Thursday, August 27, 2015 at 12:26:22 PM UTC+1, Dete van Eeden wrote:

> Thank you! it worked.
>
> funny thing is i use xx through the whole program in exactly the same way without a problem,
only get an error at the last one
>
> thanks for the side note!!

The problem that you had is in the OPENW line. If you define file1 as you did, then file1 is an array (what is ok), but with OPENW you cannot open more than one file. You could also make it as:

```
filename = 'maks'+strcompress(xx)+'.txt'
```

```
File1 = filepath(filename,subdirectory = ['Final'])
```

openw,lun,File1[0],/get_lun

...

Subject: Re: Printf

Posted by [joyrles1996](#) on Fri, 28 Aug 2015 22:21:48 GMT

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Em quinta-feira, 27 de agosto de 2015 06:08:40 UTC-3, Dete van Eeden escreveu:

> This makes No sense to me. I have the following:

>

>

> filename = 'maks'+strcompress(xx)+'.txt'

>

> File1 = filepath(filename,subdirectory = ['Final'])

>

> openw,lun,File1,/get_lun

>

> then I get the error OPENW: Expression must be a scalar or 1 element array in this context:
FILE1.

>

> before even getting to the printf part.

>

> thanks

;Create of file

get_lun, u

openw, u, 'C:\Users\Joyrles\Desktop\IDL\file.txt', get_lun

;edit the file

printf, u, datas

;close your file

close, u

;release the unit

free_lun, u
