
Subject: Writting intoFile

Posted by [Sapna Mishra](#) on Thu, 25 Feb 2016 13:23:59 GMT

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Hello all,

I am dealing with an array say: A FLOAT [2094,5]

I want to write this array into a file using IDL how should I do that???

Also In second part I want 2094 rows to be saved into another file as a column.

Can anyone help me in this?

Thanks and regards,

Sapna

Subject: Re: Writting intoFile

Posted by [Paul Van Delst\[1\]](#) on Thu, 25 Feb 2016 15:49:55 GMT

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On 02/25/16 08:23, Sapna Mishra wrote:

> Hello all,

>

> I am dealing with an array say: A FLOAT [2094,5]

> I want to write this array into a file using IDL how should I do that???

>

> Also In second part I want 2094 rows to be saved into another file as a column.

>

> Can anyone help me in this?

Open the file

http://www.harrisgeospatial.com/docs/GET_LUN.html

<http://www.harrisgeospatial.com/docs/OPEN.html>

Write the data to file

<http://www.harrisgeospatial.com/docs/PRINT.html>

for ASCII output.

Play around with writing the array directly to file, as well as the

TRANSPPOSE of the array to see how that affects the output format:

<http://www.harrisgeospatial.com/docs/TRANSPPOSE.html>

Close the file

http://www.harrisgeospatial.com/docs/FREE_LUN.html

<http://www.harrisgeospatial.com/docs/CLOSE.html>

cheers,

paulv

Subject: Re: Writting intoFile

Posted by [Sapna Mishra](#) on Thu, 25 Feb 2016 18:24:34 GMT

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Yes I am doing the same,

```
IDL> a=mrdfits('2QZJ0234_CHIP1_GRI5_600V_SCIENCE_SKY_SPECTRUM_FOR
S1.2007_11_12T05_08_04.084redwave.fits',0,h)
```

```
MRDFITS: Image array (2094,5) Type=Real*4
```

```
IDL> fname='data1.dat'
```

```
IDL> OPENW,1,fname
```

```
IDL> PRINTF,a
```

then i am getting error:

```
% PRINTF: Expression must be a scalar or 1 element array in this context: A.
```

```
% Execution halted at: $MAIN$
```

I don't know how to solve this error. Any idea??

Subject: Re: Writting intoFile

Posted by [Paul Van Delst\[1\]](#) on Thu, 25 Feb 2016 18:31:50 GMT

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Hello,

On 02/25/16 13:24, Sapna Mishra wrote:

> Yes I am doing the same,

>

```
> IDL> a=mrdfits('2QZJ0234_CHIP1_GRI5_600V_SCIENCE_SKY_SPECTRUM_FOR
S1.2007_11_12T05_08_04.084redwave.fits',0,h)
```

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```
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> IDL> OPENW,1,fname
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```
> IDL> PRINTF,a
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```
> % PRINTF: Expression must be a scalar or 1 element array in this context: A.
```

```
> % Execution halted at: $MAIN$
```

>

> I don't know how to solve this error. Any idea??

Yes. It is a syntax error.

See <http://www.harrisgeospatial.com/docs/PRINT.html>

cheers,

paulv

Subject: Re: Writting intoFile

Posted by [Sapna Mishra](#) on Thu, 25 Feb 2016 18:38:30 GMT

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I even tried

PRINTF,a,FORMAT='(F1.5,F1.5,F1.5)' but same error

Subject: Re: Writting intoFile

Posted by [Sapna Mishra](#) on Thu, 25 Feb 2016 18:43:47 GMT

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Ok I got the point, I should mention the unit.

Thanks....
