
Subject: write_csv header problems

Posted by [morganlsilverman](#) on Fri, 30 Aug 2013 12:39:07 GMT

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I'm trying to use write_csv and am having problems using the header keyword. It works fine if I only write one variable and have one header, but as soon as I add a second variable and a second string to the header array I get an error message that says 'HEADER must be a string array of length equal to the number of columns'. From what I can tell my string array is the same length as the number of variables I'm trying to write.

```
header = ['Altitudes','DEM_gnd_alt']  
write_csv, 'Seac4rs_DIAL_DC8_20130808_RA_Nav.csv', alt, demgndalt, header=header
```

Can someone please help? Thanks.

-Morgan

Subject: Re: write_csv header problems

Posted by [Fabzi](#) on Fri, 30 Aug 2013 12:43:42 GMT

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Hi Morgan,

On 08/30/2013 02:39 PM, Morgan Silverman wrote:

> Can someone please help? Thanks.

>

> -Morgan

The problem most likely comes from your input variables. What happens if you do:

```
help, alt, demgndalt
```

before writing the CSV?

Subject: Re: write_csv header problems

Posted by [morganlsilverman](#) on Fri, 30 Aug 2013 12:52:18 GMT

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On Friday, August 30, 2013 8:43:42 AM UTC-4, Fabien wrote:

> Hi Morgan,

>

>

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> On 08/30/2013 02:39 PM, Morgan Silverman wrote:

>
>> Can someone please help? Thanks.
>
>>
>
>> -Morgan
>
>
>
> The problem most likely comes from your input variables. What happens if
>
> you do:
>
>
>
> help, alt, demgndalt
>
>
>
> before writing the CSV?

This is what I get from help, alt, demgndalt

```
ALT          FLOAT    = Array[1, 678]  
DEMGNDALT    FLOAT    = Array[2710]
```

I guess the problem is because alt is 2D and my other variable is only 1D. I suppose I need to make them the same size, correct? I also get the same error message though when I use two 2D variables though

```
O3          DOUBLE    = Array[2710, 678]  
SA          DOUBLE    = Array[2710, 678]  
HEADER      STRING    = Array[2]
```

So now I'm confused again.

Thanks.

Subject: Re: write_csv header problems
Posted by [Fabzi](#) on Fri, 30 Aug 2013 12:58:40 GMT
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Hi Morgan,

This is not very logical. Why would you write a csv file with two columns, one with 678 values and the other with 2710?

(This with the 2D arrays as input is clear, if you give a 2d array to CSV he will make a looooooot of columns of it (see the doc))

On 08/30/2013 02:52 PM, Morgan Silverman wrote:

Subject: Re: write_csv header problems

Posted by [morganlsilverman](#) on Fri, 30 Aug 2013 13:06:50 GMT

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On Friday, August 30, 2013 8:58:40 AM UTC-4, Fabien wrote:

> Hi Morgan,

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>

> This is not very logical. Why would you write a csv file with two

>

> columns, one with 678 values and the other with 2710?

>

>

>

> (This with the 2D arrays as input is clear, if you give a 2d array to

>

> CSV he will make a looooooot of columns of it (see the doc))

>

>

>

> On 08/30/2013 02:52 PM, Morgan Silverman wrote:

Sorry, my mistake. The 678 goes with the 2D array. That is the number of altitudes for the 2710 data points. I'll have to find the doc and read more. Would you suggest just using printf to output the data to csv file?
