Subject: write csv header problems

Posted by morganisilverman on Fri, 30 Aug 2013 12:39:07 GMT

View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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
View Forum Message <> Reply to Message

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

- > 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?
```

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
View Forum Message <> Reply to Message

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 looooot 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
View Forum Message <> Reply to Message

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

> 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 looooot 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 csy file?