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Subject: Re: How to skip lines when reading in a file  
Posted by [Gray](#) on Mon, 07 Feb 2011 18:23:42 GMT

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On Feb 7, 1:10 pm, Ashley Berg <ashley.b...@gmail.com> wrote:  
> I have monthly mean temp data from Jan 1958 to Dec 2008 (1 col, 612  
> rows). I want only the data from the months of December, January, and  
> February in a new array, so the resulting time series will be one  
> column by 153 rows. I'm not sure how to grab only those three months  
> while ignoring the other 9. Could someone show me the best way to do  
> this? Thank you!

Do you have some way of knowing which month corresponds to which data? Like a month array or something? What are your data types? You're going to want to use WHERE().

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Subject: Re: How to skip lines when reading in a file  
Posted by [Ashley Berg](#) on Mon, 07 Feb 2011 18:34:53 GMT

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On Feb 7, 11:23 am, Gray <grayliketheco...@gmail.com> wrote:  
> On Feb 7, 1:10 pm, Ashley Berg <ashley.b...@gmail.com> wrote:  
>  
>> I have monthly mean temp data from Jan 1958 to Dec 2008 (1 col, 612  
>> rows). I want only the data from the months of December, January, and  
>> February in a new array, so the resulting time series will be one  
>> column by 153 rows. I'm not sure how to grab only those three months  
>> while ignoring the other 9. Could someone show me the best way to do  
>> this? Thank you!  
>  
> Do you have some way of knowing which month corresponds to which  
> data? Like a month array or something? What are your data types?  
> You're going to want to use WHERE().

That's a good idea; since there are no month labels on the data in the file (just the numbers), I can just create a month array, and where month[i] is DEC, JAN, or FEB I could have it grab temp[i] from my data array. That way I'd get a new array with just the temps from those three months. I'll give that a try.

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Subject: Re: How to skip lines when reading in a file  
Posted by [Heinz Stege](#) on Mon, 07 Feb 2011 20:18:22 GMT

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On Mon, 7 Feb 2011 10:10:40 -0800 (PST), Ashley Berg wrote:

> I have monthly mean temp data from Jan 1958 to Dec 2008 (1 col, 612  
> rows). I want only the data from the months of December, January, and  
> February in a new array, so the resulting time series will be one  
> column by 153 rows. I'm not sure how to grab only those three months  
> while ignoring the other 9. Could someone show me the best way to do  
> this? Thank you!

What about something like:

```
array=all rows from file  
array=reform(array,12,n_elements(array)/12,/overwrite)  
array=array[[0,1,11],*] ; wanted months  
array=array[*]
```

Not tested, simply written into the news reader.

HTH, Heinz

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