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Subject: Re: Partial summation of a data set!  
Posted by [enod](#) on Thu, 16 Nov 2006 11:24:08 GMT  
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The problem may lies in this:  
total(values[chk])

Try:  
total(values[\* ,chk])

Regards,  
Tian

DirtyHarry wrote:

```
> One more time, thanks for your invaluable suggestions for my previous
> post. I have another data file with 50 columns * 8767 rows. This is a
> part of it.
> Day month year data1 data2 data3 ... data47
> 1   1  1981      ...
> .
> .
> .
> 12  30 2005
>
> What I am trying to do now is to add up the data in 28 to 35 columns in
> each year. So what I have done so far is...
>
> pro calout
>
> ;CONTROL VARIABLES
> rootpath="D:\IDL_Documents\Temp\" ;working directory
> ncol= 50
> nrow= 8767
> h=""
> data=fltarr(ncol,nrow-1)
>
> close, 1
> openr, 1, rootpath + 'f1_grow_stratum.daily' ; This is my data file.
> readf, 1, h
> readf, 1, data
> close, 1
>
> years=reform(data[2,*]) ;3rd column is year.
> values=reform(data[28:35,*])
>
```

```
> for i=1981, 2005 do begin
>     chk=where(years eq i, n_chk)
>     if n_chk eq 0 then continue
>     print, 'Year :', i, ' -> Total = ', total(values[chk])
> endfor
> end
> -----
> It seemed that there was no problem. No stop, no errors. However,
> results were totally different form what I expected. Any suggestions or
> comments? Thanks, in advance!!!
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