
Subject: More For Loops

Posted by [majewski](#) on Thu, 13 Apr 2000 07:00:00 GMT

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Hi

I'm looking to get rid of the for loops below.

They make two arrays;

one containing every second column and every second row

the other containing every second column and every alternate row

```
;-----  
x_data = 3072  
y_data = 512  
DATA_size = [x_data/2,y_data]  
Data_sets_ev = bytarr(DATA_size[0],DATA_size[1])  
Data_sets_od = bytarr(DATA_size[0],DATA_size[1])  
  
for i = 0, (DATA_size[0]/2)-1 do begin  
  for j = 0, DATA_size[1]-1 do begin  
    Data_sets_ev[i,j] = my_data[(2*i),(2*j)]  
    Data_sets_od[i,j] = my_data[(2*i),(2*j+1)]  
  endfor  
endfor  
;-----
```

This is to extract a couple of NOAA14 AVHRR Sea Surface Temperature measurements. The different spectral bands overlap in the data file, hence they need to be separated by the above.

Thanks

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