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Subject: Re: Max value vector

Posted by [Liam Gumley](#) on Fri, 21 May 1999 07:00:00 GMT

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Thomas C. Stubbings wrote:

> What I would need is something like the MATLAB command max(i) where i is an  
> array(n,m) and max(i) returns a vector containing the maximum value of each  
> column. The IDL max command only returns a scalar containing the absolute  
> maximum of the array.

Try Craig Markwardt's CMAPPLY at

<http://cow.physics.wisc.edu/~craigm/idl/idl.html#cmapply>

> I even tried a big loop running through each column to find the max of each,  
> but IDL doesnt accept loops with 64000 iterations

In fact IDL *\*does\** accept loops with 64000 iterations; you just need to  
make sure your loop variable is of LONG type, e.g.

```
for i = 0L, 64000L do begin  
  if (i mod 1000L) eq 0L then print, i  
endfor
```

Cheers,  
Liam.

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