Subject: Re: for loop elimination Posted by jtmcahill on Thu, 18 Oct 2007 02:04:57 GMT View Forum Message <> Reply to Message

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On Oct 15, 12:48 pm, "Jean H." < ighas...@DELTHIS.ucalgary.ANDTHIS.ca>
wrote:
> jtmcah...@gmail.com wrote:
>> Hello,
>> I have been trying without success to get this simple calculation to
>> be done without using a loop. Here it is:
>> for y2=0L,n2-1 do e_sc[0,y2]=max(abs(sc_arr[*,y2]-model_sc[12:bands
>> +11,y2]))
>> Can I use the max function without and get an array of outputs without
>> having to do them one at a time. To put this into context, I have a
>> program that this piece of code is in and the program is taking too
>> long to compute. I'm figuring I start with eliminating for loops and
>> go from there to make it more efficient. Any ideas on this piece?
>> Hawaiianite
>
> Hi,
> MAX() can get a dimension keyword... the help file is pretty straight
 forward and contains examples!
Now you can also vectorize the subtraction!
>
  Jean
```

Thanks! It tends to be the small things that get missed...

Hawaiianite