
Subject: Re: for loop elimination
Posted by [jtmcahill](#) on Thu, 18 Oct 2007 02:04:57 GMT
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On Oct 15, 12:48 pm, "Jean H." <jghas...@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
