
Subject: Re: for loop elimination
Posted by [Jean H.](#) on Mon, 15 Oct 2007 22:48:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

jtmcahill@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
