

---

Subject: Re: IDL FOR Loop variable increments  
Posted by [raghuram](#) on Fri, 19 Sep 2008 19:07:54 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Sep 19, 9:53 am, Ed Hyer <ejh...@gmail.com> wrote:

> Raghu,  
>  
> Not knowing the makeup of NDVI, NDVISLICE, and MASK in your example,  
> it's very difficult to determine what you're up to here, but it  
> strongly looks to me like some higher-order functions are in order  
> here. You are aware that IDL can give you an array MAX(VAR,DIM=N) or  
> MIN, TOTAL, or can do any boolean comparison you choose across an  
> entire array?  
>  
> As I said, I don't really know what the outcome of your code should  
> be, but even in this economy, I'll bet \$5 you can do it with a much  
> smaller, more comprehensible set of array operations.  
>  
> --Edward H.

You are right. I just haven't thought about using array operations probably because a working using these loops doesn't take very long to run. From what i read here, it looks a FOR loop may not be the best option for such operations. Maybe i'll use a while loop and see what happens or i'll rethink how the code can be written in a much more efficient manner. I do know that IDL can do things like MAX, TTotal etc. But in my case, all i'm trying to do is to assign values from one array(ndvislice) to another(ndvi) based on ndvislice's previous values. The outcome i'd expect for each output would be a finite value or a NaN value. So i assign my output(ndvi) to ndvislice if conditions are met, else i'll assign a NaN value( Mask).

Raghu

---