
Subject: IDL FOR Loop variable increments
Posted by [raghuram](#) on Thu, 18 Sep 2008 19:53:03 GMT
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Hi all,

I'm having a problem with FOR loop increments in IDL which i'm not able to fix. I have pasted the code and a small description about it follows.

```
k=1
for b=0,8 do begin ; Number of bands
j=7
c=b+k
if b gt 0 and b ne (c) then continue
  for k=1, j do begin ; Iterations within bands
    if c lt 7 then begin
if finite(ndvislice[s,b+k]) eq 1 then begin
  if ndvislice[s,b+k] ge ndvislice[s,b] then begin
    ndvi[s,b+k]=ndvislice[s,b+k]
    break
  endif else begin
    if ndvislice[s,b+k] lt ndvislice[s,b] then begin
      ndvi[s,b+k]=mask[s,r]
    endif
  endelse
endif else begin
  ndvi[s,b+k]=mask[s,r]
endelse
endif
endfor
ENDFOR
```

In the code above, i want b (the number of bands) to be incremented by the value (b+k) instead of standard consistent increments of 1 or 2.. So, instead of b progressing from 0 to 8 as 0,1,2,3 etc..i want it to iterate based on the value of (b+k) derived out of the inner FOR loop (for k=1, j). My results run correctly but those pixels for which 'b' needs a (b+k) increment are not recogized by the line "if b gt 0 and b ne (c) then continue" and so it keeps skipping all 'b' iterations. 'c' here is just a variable assigned to the value of b+k.

Where am i going wrong ? Please let me know if you need more information.

Thanks,
Raghu
