Subject: Re: IDL FOR Loop variable increments Posted by David Fanning on Thu, 18 Sep 2008 20:03:30 GMT View Forum Message <> Reply to Message

Raghu writes:

- > 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?

I think you have clearly chosen the wrong program construction. You should NEVER be changing a loop variable inside the loop programmatically. (I don't think IDL 7 even allows it, since I was inadvertently doing it the other day and got my hand slapped.) Maybe you want a WHILE loop.

Cheers.

David

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David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")