Subject: Re: loop for 365 days with 18 days interval Posted by Wasit. Weather on Thu, 20 Nov 2008 03:50:42 GMT View Forum Message <> Reply to Message

On Nov 19, 9:49 pm, Elkunn < Wasit. Weat... @gmail.com > wrote:

- > Hello,
- > I want to loop for 16 days as a group through the whole year. In other
- > words, my first loop should stop when the number of the days reaches
- > 16, do processing, then count from 17th day to the day when the number
- > of days reaches 16, then do the processing again.
- > How can loop for this, each time read 16 images?

>

> Thanks

>

> Elkunn

sorry, should be 16 days. not 18.

Subject: Re: loop for 365 days with 18 days interval Posted by Jeremy Bailin on Thu, 20 Nov 2008 05:33:19 GMT View Forum Message <> Reply to Message

On Nov 19, 10:50 pm, Elkunn < Wasit. Weat... @gmail.com > wrote:

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>> Thanks

>

>> Elkunn

>

> sorry, should be 16 days. not 18.

I suppose it depends what you mean by "do processing". If it needs to be in a for loop, then something like this should work:

for i=01,364 do begin
... do whatever is required to read in image i ...
if i mod 16 ne 0 then continue
... do processing on image i ...
endfor

But it could be that you can be much more clever... hard to say without more details. Do you need to store the intermediate images? Can you read in everything and then do vector processing afterwards?

-Jeremy.

Subject: Re: loop for 365 days with 18 days interval Posted by R.Bauer on Thu, 20 Nov 2008 08:56:23 GMT View Forum Message <> Reply to Message

Jeremy Bailin schrieb:

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- >>> How can loop for this, each time read 16 images?
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- > if i mod 16 ne 0 then continue
- > ... do processing on image i ...
- > endfor

read about stride

some days ago there was a similiar request to this group. (array of Julian Days)

cheers

Reimar

Subject: Re: loop for 365 days with 18 days interval Posted by Michael Galloy on Thu, 20 Nov 2008 17:11:34 GMT View Forum Message <> Reply to Message

```
On Nov 19, 10:33 pm, Jeremy Bailin <astroco...@gmail.com> wrote:
> On Nov 19, 10:50 pm, Elkunn < Wasit. Weat... @gmail.com > wrote:
>> On Nov 19, 9:49 pm, Elkunn < Wasit. Weat... @gmail.com > wrote:
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  ... do whatever is required to read in image i ...
   if i mod 16 ne 0 then continue
  ... do processing on image i ...
> endfor
```

For the FOR loop type problems, how about:

```
for i = 0, 364, 16 do begin
; read images i to i + 15
; do processing on images i to i + 15
endfor
```

- > But it could be that you can be much more clever... hard to say
- > without more details. Do you need to store the intermediate images?
- > Can you read in everything and then do vector processing afterwards?

Yes, vector processing is a generally better solution if you can do it, but looping 365 / 16 = 23 times (or 365 times) is not worth worrying about. It is more important to try to get the processing you do for each image to be vectorized.

Mike

-www.michaelgalloy.com Tech-X Corporation Associate Research Scientist