
Subject: Re: loop for 365 days with 18 days interval
Posted by [Michael Galloy](#) on Thu, 20 Nov 2008 17:11:34 GMT
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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:
>
>>> 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.
>
> 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=0l,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

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

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