
Subject: Re: loop for 365 days with 18 days interval
Posted by [Wasit.Weather](#) on Thu, 20 Nov 2008 03:50:42 GMT
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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
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On Nov 19, 10:50 pm, Elkunn <Wasit.Weat...@gmail.com> wrote:

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>> 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=0,364 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
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Jeremy Bailin schrieb:

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>>> of days reaches 16, then do the processing again.
>>> How can loop for this, each time read 16 images?
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>
> for i=0,364 do begin
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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
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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:
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 >> 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

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Tech-X Corporation

Associate Research Scientist
