
Subject: Looping through a bunch of files?

Posted by [wdolan](#) on Tue, 15 Mar 2016 18:29:01 GMT

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I am a total beginner, and would very much love any assistance!

So I am looking at .nc files. There is one file for every day of the year, they are all in the same folder called /home/nc_d/, and each file has the same internal structure, and are named in the format gc_daily.20130130, varying based only on the date.

I want to figure out how many files there are for each month, and then loop through all the files of a given month.

I'm not sure where to start!

I've used n_elements to tell how many files are in an array before, but that doesn't seem to apply to files....

Thanks for your help.

Subject: Re: Looping through a bunch of files?

Posted by [wdolan](#) on Tue, 15 Mar 2016 18:43:08 GMT

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Just to clarify, I want a way to tell how many files (which each correspond to a day) there are for each month. Just to note, not all days have files, so I can't just assume that there are 28 files for February for example.

and I misspoke in my original post when I said how I used n_elements. It was used to tell the number of elements in an array. not the number of files.

On Tuesday, March 15, 2016 at 11:29:06 AM UTC-7, Wayana Dolan wrote:

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Subject: Re: Looping through a bunch of files?
Posted by [Paul Van Delst\[1\]](#) on Tue, 15 Mar 2016 20:28:42 GMT
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http://www.harrisgeospatial.com/docs/FILE_SEARCH.html

One way would be to construct your "path specification" to reflect a particular month.

On 03/15/16 14:43, Wayana Dolan wrote:

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Subject: Re: Looping through a bunch of files?
Posted by [wdolan](#) on Tue, 15 Mar 2016 22:30:14 GMT
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Hi Paul,

That worked, thank you!

On Tuesday, March 15, 2016 at 1:28:48 PM UTC-7, Paul van Delst wrote:

- > http://www.harrisgeospatial.com/docs/FILE_SEARCH.html
- >
- > One way would be to construct your "path specification" to reflect a
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