
Subject: Re: Processing about 10,000 tif files
Posted by [cgguido](#) on Wed, 27 May 2015 02:05:12 GMT
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On Sunday, May 24, 2015 at 8:23:14 PM UTC-5, andrew...@gmail.com wrote:

>
> How about just rename the files img_00001.tif to img_09999.tif? Solve many problems in a very few lines of code.
>
> And while you're at it, insert some useful coefficients and offsets into the filenames too.
>
> Andrew

Code below will rename all files so that they can be found in order:

```
f=file_search('img_*.tif', count=n)
max=20000 ;<--- this should be larger than your max
nzeros = ceil(aolog10(max)) > 0
myformat = '(i0'+strcompress(nzeros, /re)+')'

for i=0L,n-1 do print, f[i], '-> ', 'img_'+string((strsplit(file_basename(f[i], '.tif'), '_')[1], format =
myformat)+'.tif'
```

If you like the above, run it like so:

```
for i=0L,n-1 do file_move, f[i], 'img_'+string((strsplit(file_basename(f[i], '.tif'), '_')[1], format =
myformat)+'.tif'
```

G
