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Subject: Re: How to use SPAWN for creating multiple output files?

Posted by on Wed, 11 Jun 2014 12:40:30 GMT

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Den onsdagen den 11:e juni 2014 kl. 12:00:57 UTC+2 skrev Madhavan Bomidi:

> Hello,

> I have multiple \*.nc files. I want to create SHA 256 checksum file for each of the datafile.

>

> In linux shell, I get the checksum info as:

>

> \$ sha256sum XYZ\_1000.nc'

>

> 89654655f1a75fc398fb86c9f56c255bb991768eb223a6defa1f1d5d0ede f6aa XYZ\_1000.nc

>

> So, I tried to use the same in IDL as below:

>

> IDL> spawn, 'sha256sum XYZ\_201304000.nc'

>

> 89654655f1a75fc398fb86c9f56c255bb991768eb223a6defa1f1d5d0ede f6aa XYZ\_1000.nc

>

> As I have created all the \*.nc data files in IDL program, I would like to add few lines below to create respective checksum file (e.g., <myfile>.sha256 ).

>

> I have my datafiles as - XYZ\_1000.nc, XYZ\_1001.nc, XYZ\_1002.nc, ....

>

> I would like to copy the checksum output

>

> 89654655f1a75fc398fb86c9f56c255bb991768eb223a6defa1f1d5d0ede f6aa

>

> to the new file - XYZ\_1000.sha256

>

> I know it can be done directly on linux terminal but I want to create simultaneously in the IDL code.

>

> Can anyone help me how I can do this in IDL using SPAWN command?

>

> Thanks in advance,

>

> Madhavan

Something like this should work (untested):

```
IDL> myfile='XYZ_1000'  
IDL> spawn, 'sha256sum '+myfile+'.nc > '+myfile+'.sha256'
```

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