
Subject: How to use SPAWN for creating multiple output files?
Posted by [atmospheric physics](#) on Wed, 11 Jun 2014 10:00:57 GMT
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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
