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Subject: IDL and GRIB

Posted by [s.fdr70](#) on Tue, 27 Dec 2016 14:57:05 GMT

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Dear all,

I'm trying to run the following IDL code:

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pro read\_grb2

```
file = FILEPATH('atl.grb2', $  
  SUBDIRECTORY=['examples','data'])  
;FILE_COPY,file,dir+'atl.grb2'  
GRIB_LIST,dir+'atl.grb2'
```

```
record = ORDEREDHASH()  
record['GRIBEditionNumber']=2  
record['values'] = dblarr(1024)  
GRIB_PUTDATA, dir+file, record
```

```
end  
-----
```

It should add "record" to the grib file atl.grb2 (that was copied in my home directory).  
When I run the code I get the following error:

```
% Loaded DLM: GRIB.  
% Compiled module: GRIB_LIST.  
1  crain  DOUBLEARRAY[141151]  
2  usct   DOUBLEARRAY[141151]  
3  vsct   DOUBLEARRAY[141151]  
4  tsec   DOUBLEARRAY[141151]  
% Compiled module: GRIB_PUTDATA.  
% GRIB_PUTDATA: GRIB_SET: Value is read only  
% Execution halted at: READ_GRB2      123  
  /Users/stefano/fdgrib2/read_grb2.pro  
%                               $MAIN$
```

I cannot understand the reason for this error. Does anybody have an idea?

Thanks

Stefano

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