
Subject: Write image to CDF file

Posted by [schulze-till](#) on Fri, 26 Jan 2007 10:51:50 GMT

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Hi all,

i want to save images with metadata in the cdf format. According to the IDL Help i tried:

```
.....;code (not successful)
;create image, 256x256 floating values
img = dist(256)

;create CDF
id = CDF_CREATE('Temperature.cdf', /CLOBBER )

;some metadata
att_id = CDF_ATTCREATE(id, 'Title', /GLOBAL)
CDF_ATTPUT, id, att_id, 0, 'CDF TEST'

;write image
temp_id = CDF_VARCREATE(id, 'Temp', ['VARY', 'VARY'], $
/REC_VARY, /ZVAR, DIMENSIONS=[256,256],/CDF_FLOAT)
; write records:
CDF_VARPUT, id, temp_id, img

;here comes an error message:
;% CDF_VARPUT: CDF file error. NO_SUCH_VAR: Named variable not found in
this
;          CDF.

CDF_CLOSE, id
.....
```

I tried a lot of different approaches (no ['VARY', 'VARY'], with dimension information in the CDF_CREATE function, ...) but nothing helped. I believe that I define the dimensions not correctly, but i can't find the solution.

Thanks,
Thomas
