
Subject: EOS_SW_CREATE HDF function file path issue
Posted by [MarioIncandenza](#) on Thu, 10 May 2012 16:37:13 GMT
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So, I think I got this working, but having found nothing on the Googs about this problem, I am posting to the newsgroup so there will be a reference, and maybe someone can shed some light on the root cause.

Symptom: Adding data to HDF-EOS file created with EOS_SW_OPEN() causes a segfault-- IDL crashes. The specific circumstance of the crash seems to be opening an existing HDF-EOS file using EOS_SW_OPEN().

Resolution: The crash occurs at:

```
HDFEOS_FID = EOS_SW_OPEN(FULL_PATH,/RDWR)
```

The crash does not occur if this is substituted with

```
CD,FILE_DIRNAME(FULL_PATH)
```

```
HDFEOS_FID = EOS_SW_OPEN(FILE_BASENAME(FULL_PATH),/RDWR)
```

Anyway, that's a weird one and took a while to debug, so I'm posting it here if anyone in the future is foolish enough to try to use IDL for this.
