
Subject: QUERY_DICOM crashes on DICOMDIR
Posted by [LNpellen](#) on Fri, 08 Jan 2016 06:56:15 GMT
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I have a code searching for DICOM files in a folder. If this folder contains the DICOMDIR IDL reports a fatal error and crashes on QUERY_DICOM. For now I excluded files named 'DICOMDIR', but I'm not sure that will always be the full name of these files. Any idea why QUERY_DICOM crashes on DICOMDIR or how I can avoid it in a more robust way than filename-match?

Best regards
Ellen

Subject: Re: QUERY_DICOM crashes on DICOMDIR
Posted by skymaxwell@gmail.com on Sun, 10 Jan 2016 19:12:21 GMT
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> I have a code searching for DICOM files in a folder. If this folder contains the DICOMDIR IDL reports a fatal error and crashes on QUERY_DICOM. For now I excluded files named 'DICOMDIR', but I'm not sure that will always be the full name of these files. Any idea why QUERY_DICOM crashes on DICOMDIR or how I can avoid it in a more robust way than filename-match?

>
> Best regards
> Ellen

Hi. I looked at help of Query_dicom. So Query_dicom is wrote IDL and placed in IDL LIB folder. There are some comments in IDL code. I put here the fragment

```
;; verify that the file exists
IF ~file_test(file) THEN return, 0L

;; DICOM has a fatal error in accessing zero-length files
;; Avoid the problem by checking in advance
OPENR, unit, file, /get_lun
stat = FSTAT(unit)
FREE_LUN, unit
IF (stat.size EQ 0) THEN RETURN, 0L
```

So DICOM has a fatal error in accessing zero-length files, may be it's your case ?

Subject: Re: QUERY_DICOM crashes on DICOMDIR
Posted by [LNpellen](#) on Wed, 20 Jan 2016 11:05:50 GMT
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FSTAT for the DICOMDIR file:

UNIT	LONG	100
NAME	STRING	'I:\.....\DICOMDIR'
OPEN	BOOLEAN	true (1)
ISATTY	BOOLEAN	false (0)
ISAGUI	BOOLEAN	false (0)
INTERACTIVE	BOOLEAN	false (0)
XDR	BOOLEAN	false (0)
COMPRESS	BOOLEAN	false (0)
READ	BOOLEAN	true (1)
WRITE	BOOLEAN	false (0)
ATIME	LONG64	1420792259
CTIME	LONG64	1420792257
MTIME	LONG64	1420792259
TRANSFER_COUNT	LONG	0
CUR_PTR	LONG	0
SIZE	LONG	1329592
REC_LEN	LONG	0

The size is not zero. And all the other parameters have the same true/false and 0 vs non_zero values.
