
Subject: sec : U Re: Can't READ_DICOM without DIALOG_PICKFILE
Posted by [Andrew Cool](#) on Mon, 28 May 2001 00:06:04 GMT
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Ivan Zimine wrote:

```
>
> "Emmler, Oliver" wrote:
>>
>> i try to read DICOM-Files from a directory directly under \IDL53\.. .
>> The directory name is \IDL53\radiologie\
>> The term ...
>> file = READ_DICOM(DIALOG_PICKFILE())
>>
>> ... works fine for this.
>>
>> Now i want to automate the reading of the files but with
>>
>> file = READ_DICOM(FILEPATH('MC002.dcm', SUBDIR=['radiologie']))
>
> is 'radiologie' a subdirectory of your IDL installation directory?
> if not, you may look at ROOT_DIR keyword for FILEPATH.
>
> or try something like
>
> datadir = "c:\path\to\data\"
> img = read_dicom(datadir+"MC002.dcm")
>
> --
> Ivan Zimine          | ivan.zimine@physics.unige.ch
> Dpt. of Radiology    | (+41 22) 372 70 70
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```

Or it might be that the DICOM file is "compressed", a format that the IDL DICOM routines cannot read.

You might want to use one of the free DICOM viewers to extract and save the compressed JPEG image to a new file perhaps?

I hear that RSI is releasing a new medical product later this year which will handle compressed DICOM files, but you'll have to fork out \$\$\$\$ for it...

It's all a bit of a pain - I'd like to be able to read the latest scans of

my very own Astrocytoma via IDL, but no, not with IDL.

Andrew

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