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Subject: GE PET DICOM format

Posted by [karin.knesaurek](#) on Wed, 11 Feb 2004 21:19:19 GMT

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Can somebody help me with GE PET DICOM format. A set of coronal or sagittal slices are all placed in one directory. I can read all files but I don't know how to put them in order because GE names them by using bed position, rather than order, first, second, etc. For example, the script below reads all files:

```
im=fltarr(128,164,180)
array = findfile('C:\Documents and
$Settings\KARIN\Desktop\CORIRSACSUV\*.dcm',Count=Nrfiles)
If NrFiles gt 0 Then Begin
For I=0,NrFiles-1 Do print,Array(i) ; The variable I needs to start at
0
for i=0,NrFiles-1 do Begin
im(*,*,i)=rotate(READ_DICOM(Array(i)),7); diff. orientation of IDL and
Dicom
  tvscl,im(*,*,i)
Endfor
EndIf
End
*****
```

Names of the each image/file are of the form

Image.2\_2345000.dcm, Image.6\_2345000.dcm, Image.10\_2345000.dcm etc.,  
where 2, 6 and 10 are bed positions and can be negative,  
e.g., Image.-6\_2345000.dcm is also image/file name.

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