
Subject: Re: Philips Gyroscan ACS-NT: Raw data format
Posted by [Bill Wahlberg](#) on Fri, 10 Sep 1999 07:00:00 GMT
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In article <7pj827\$55u\$1@news.lth.se>,
"Jonas" <jonas_2@hotmail.com> wrote:
> I have some MR image raw data exported from a Philips Gyroscan ACS-NT
MRI
> scanner.
> I have never worked with images from Philips MR scanners before,
therefore
> having trouble opening the images. Has anyone out there any experience
of
> the file format used?
> The images are acquired using a 3-D sequence and the whole image
volume (50
> images) are stored in one single file, 42,025,472 bytes large.
> I do not really understand the size of the file, since the images have
a
> resolution of 256*256, and I suppose that each pixel is a complex
number
> (4+4 byte), i.e. the file size should be 256*256*8*50+header =
> 26,214,400+header byte. A 16 MB large header???
> I would appreciate any info on header size, position of image data
within
> file, how the image data is stored, big/little-endian etc....
>
> Sincerely
> Jonas

Hi Jonas,

Is it possible that the pixels are double floats (8 bytes each)? That works out to 33,554,432 bytes. I guess it is also possible that there are multiple images for each slice in varying formats.

I have software that can be configured to read any format (sometimes it takes a little work). If you can send me a chunk from the front of the file (a few MB), I could take a look at it and give you my 2 cents worth.

Good Luck,

Bill

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