
Subject: Re: 8 byte to double?

Posted by [David Fanning](#) on Wed, 20 Jan 2016 13:34:59 GMT

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fawltlanguage@gmail.com writes:

```
>
> On Wednesday, January 20, 2016 at 1:39:07 PM UTC+1, LNpellen wrote:
>> I'm lost - and I thought I had solved this previously, but I simply can't find it (maybe it was in
php or something...).
>>
>> Some values in the DICOM header for some vendors happens to save floating
(double-presition?) values as 8-bytearrays
>>
>> Is there a simple way in IDL to convert this bytearray to a double without coding the type
conversion yourself?
>>
>> I couldn't manage to use the DOUBLE function for this.
>>
>> Ex.:
>> I have the byte array [205 204 204 204 204 204 49 64] and it think from my annoyingly short
notes that it should be 17.8...?
>>
>> Best regards,
>> Ellen
>
> IDL> b=[205b,204b,204b,204b,204b,204b,49b,64b]
> IDL> print, fix(b, 0, 1, type=5)
>      17.800000
```

Lajos is right, but here is a little fuller explanation:

http://www.idlcoyote.com/code_tips/packfloat.php

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
