
Subject: Re: 8 byte to double?

Posted by [Lajos Foldy](#) on Wed, 20 Jan 2016 12:58:54 GMT

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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-precision?) 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
```

regards,
Lajos
