
Subject: Re: Change structure tags from float to double
Posted by [Anthony\[1\]](#) on Wed, 08 Jul 2009 14:23:13 GMT
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Hi again,

David - I'm reading data using MRDFITS - not sure I can convert the data when reading it in??

Reimar - does it work on arrays of structures? I tried this:

```
IDL> x = replicate({a:0., b:0}, 5)
IDL> help, x
X          STRUCT    = -> <Anonymous> Array[5]
IDL> help, x, /struct
** Structure <15ee908>, 2 tags, length=8, data length=8, refs=1:
  A          FLOAT      0.00000
  B          LONG       0
IDL> y = replace_tagvalue(x, 'A', double(x.a))
IDL> help, y
Y          STRUCT    = -> <Anonymous> Array[1]
IDL> help, y, /struct
** Structure <15f5518>, 2 tags, length=64, data length=60, refs=1:
  A          DOUBLE   Array[5]
  B          LONG     Array[5]
```

... but it completely changed the structure.

Maybe I'll just edit the FITS file manually...

Anthony
