
Subject: Aw: Re: TOTAL gives totally different result on identical array

Posted by [M. Suklitsch](#) on Fri, 08 Jul 2011 12:55:38 GMT

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Hi Fabien,

very much the same indeed. Maybe some interesting side notes that I forgot in my original post:

```
IDL> help,!version,/struct
```

```
** Structure !VERSION, 8 tags, length=104, data length=100:
```

```
ARCH      STRING  'x86_64'
OS         STRING  'linux'
OS_FAMILY  STRING  'unix'
OS_NAME    STRING  'linux'
RELEASE    STRING  '7.1'
BUILD_DATE STRING  'Apr 21 2009'
MEMORY_BITS INT     64
FILE_OFFSET_BITS
           INT      64
```

```
IDL> help, testa
```

```
TESTA      FLOAT    = Array[174, 200, 3653]
```

So, if I get the discussion in your thread right there's "simply" a precision and/or array size problem with the builtin TOTAL function? That's not really reassuring since I am dealing with arrays of such size all the time.
