
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.
