
Subject: Re: VALUE_LOCATE and NaNs

Posted by [Kai Muehlbauer](#) on Thu, 25 Oct 2012 13:41:05 GMT

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Am 25.10.2012 13:10, schrieb alx:

> Le jeudi 25 octobre 2012 11:57:31 UTC+2, Fab a écrit :

>> On 10/25/2012 11:34 AM, alx wrote:

>>

>>> Please note that:

>>

>>> IDL> p = VALUE_LOCATE(LINDGEN(10), data) & print, p[0]

>>

>>> -1

>>

>>> gives the correct result.

>>

>>>

>>

>>> alx.

>>

>>

>>

>> Well this is even more confusing. But in my case it doesn't:

>>

>>

>>

>> IDL> data = FINDGEN(10) & data[0] = !VALUES.F_NAN

>>

>> IDL> p = VALUE_LOCATE(LINDGEN(10), data) & print, p[0]

>>

>> -1

>>

>> % Program caused arithmetic error: Floating illegal operand

>>

>> IDL> print, !VERSION

>>

>> { x86_64 linux unix linux 7.1.1 Aug 21 2009 64 64}

>

> Well, I checked with

> { x86_64 Win32 Windows Microsoft Windows 8.2.1 Aug 20 2012 64 64}

> alx.

>

I can confirm:

IDL> print, !VERSION

{ x86_64 linux unix linux 7.1.1 Aug 21 2009 64 64}

```
IDL> data = FINDGEN(10) & data[0] = !VALUES.F_NAN
IDL> p = VALUE_LOCATE(LINDGEN(10), data) & print, p[0]
      -1
% Program caused arithmetic error: Floating illegal operand
IDL>
```

Cheers,
Kai
