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Subject: Re: compare 2-d array with vector  
Posted by [Fabzi](#) on Mon, 07 Jan 2013 10:59:17 GMT  
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On 12/17/2012 08:25 PM, Chris Torrence wrote:

> This is now fixed and will be in IDL 8.8.2. You can now pass a 1-element array or a scalar into  
value\_locate.  
>  
> -Chris  
> ExelisVIS

Hi Chris,

While you are looking at VALUE\_LOCATE, could you also look into this?

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

This was discussed in this thread:

[https://groups.google.com/forum/?hl=fr&fromgroups=#searchin/comp.lang.idl-pvwave/fab/comp.lang.idl-pvwave/DBbUmnAaB%20/kYdniU\\_d3koJ](https://groups.google.com/forum/?hl=fr&fromgroups=#searchin/comp.lang.idl-pvwave/fab/comp.lang.idl-pvwave/DBbUmnAaB%20/kYdniU_d3koJ)

Thanks!

Fab

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