
Subject: Re: Format codes in IDL

Posted by [astib](#) on Thu, 20 Jun 2002 15:30:34 GMT

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Hi-

If you try to assign any other value to x, it will give the same error. e.g.

```
IDL>x = 2.2
```

```
IDL> read,format='(f10.3)',b
```

```
: x
```

```
% Unable to apply format code F to input: "x".
```

```
% Execution halted at: $MAIN$
```

The thing is, it doesn't accept any "variable" as input to READ or READF. Why that ?

On my Linux, it runs fine. Also, I am generating NaN's in my code and NaN is Not a Number, but indeed a value. It is not character or string surely. I have whole data set as float and NaN is generated when there is no data. So it is right alligned only, since it is treated as a value. Now what ??

Asti

Nigel Wade <nmw@ion.le.ac.uk> wrote in message [news:aes7s4\\$b6h8\\$1@rook.le.ac.uk](news:aes7s4$b6h8$1@rook.le.ac.uk)...

> Asti Bhatt wrote:

>

>> Yes, exactly. I get the same message and that is specific to Mac. This

>> works under Linux alright.

>>

>> Thanks Reiumar for the code, but there is so much data and I have

>> applied different format codes to different fields. This way I will

>> have to convert all the data in required form again and then apply the

>> format codes. Than again NaN problem will be there. The thing is, my

>> code with formats applied works perfectly under Linux but not under

>> Mac. Why is that ??

>>

>> Asti

>>

>

>

> It doesn't on my Linux:

>

>

> IDL Version 5.5a (linux x86). (c) 2001, Research Systems, Inc.

> Installation number: 3437-9.

> Licensed for use by: Radio and Space Plasma Physics Group
>
> IDL> x=!values.f_nan
> IDL> read,format='(f10.3)',b
> : x
> % Unable to apply format code F to input: "x".
> % Execution halted at: \$MAIN\$
>
>
> Which is what I would expect to happen. x is not valid input for a floating
> point conversion - it's a character not a number.
