
Subject: Re: hexadecimal variables

Posted by [wmc](#) on Mon, 26 Apr 1999 07:00:00 GMT

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wmc@bas.ac.uk wrote:

> Pavel Romashkin <promashkin@cmdl.noaa.gov> wrote:

>> h_string = '40000FC0DA'

> wmc> h_long = long64(h_string+"x")

> Seems to work perfectly well

> wmc> print,h_long

> 4398043954346

Oops, I didn't check this properly. I just looked at the above & thought it was about right, but IDL has been fooling me:

I thought the string+"x" syntax ought to work (why doesn't it?) but it doesn't, it just doesn't always generate an error message. Oh dear. In fact:

```
wmc> h_string='10' & h_long = long(h_string+"x") & print,h_long
-2596734
```

```
wmc> h_string='10' & h_long = long(h_string+"xl") & print,h_long
```

```
h_string='10' & h_long = long(h_string+'
                        ^
```

% Long integer constant must be less than 2147483648.

I'm confused..., but I suspect IDL is too...

-W

btw: { alpha OSF unix 5.2 Oct 30 1998}

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