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Subject: Re: hexadecimal variables

Posted by [Dick Jackson](#) on Thu, 22 Apr 1999 07:00:00 GMT

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Hi,

Pavel Romashkin wrote:

>

> Hi,

> Is there a nice way to convert hexadecimal variables? Here's what I am

> trying to do:

>

> This is received from the outside.

> h\_string = '40000FC0DA'

>

> [...] Can anyone suggest a neater way

> to do this? Maybe, there is a way to use Z-formatted READ here?

You've got it, using ReadS (read from string). It looks like you have five bytes so you need a very long integer to store this, giving me the first chance I've had to use IDL 5.2's new data types:

```
IDL> h_string = '40000FC0DA'
```

```
IDL> long64=0LL
```

```
IDL> ReadS, h_string, long64, Format='(Z0)'
```

```
IDL> help, long64
```

```
LONG64      LONG64   =      274878939354
```

Hope this works OK for you.

Cheers,

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-Dick

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