
Subject: Re: Bug? Hash and System Variable
Posted by [SonicKenking](#) on Fri, 31 May 2013 04:10:48 GMT
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On Friday, May 31, 2013 2:08:14 PM UTC+10, SonicKenking wrote:

> The following simple code errors out

```
>  
>  
>  
> defsysv, '!SOME_SYS_VAR', hash()  
>  
> help, !SOME_SYS_VAR  
>  
> (!SOME_SYS_VAR)['A'] = 1  
>  
> end
```

> The output is as follows

```
>  
> <Expression>  HASH <ID=1 NELEMENTS=0>  
>  
> % Expression must be an array in this context: !SOME_SYS_VAR.
```

> The funny thing is that I can actually run the same command by typing it on the IDL prompt. So following command runs:

```
>  
>  
>  
> IDL> (!SOME_SYS_VAR)['A'] = 1  
>  
> IDL> print, !SOME_SYS_VAR  
>  
> A:      1
```

> Is it a bug or feature? And how can I correct the code so it can run inside a routine instead of on the prompt (@ is the same as typing on the prompt).

```
>  
>  
>  
> Thanks!
```

BTW, this is the content of !VERSION

** Structure !VERSION, 8 tags, length=104, data length=100:

```
ARCH      STRING  'x86_64'
OS        STRING  'linux'
OS_FAMILY  STRING  'unix'
OS_NAME    STRING  'linux'
RELEASE    STRING  '8.2.1'
BUILD_DATE STRING  'Aug 20 2012'
MEMORY_BITS INT     64
FILE_OFFSET_BITS
          INT      64
```

Subject: Re: Bug? Hash and System Variable

Posted by [Fabzi](#) on Fri, 31 May 2013 10:25:58 GMT

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I can reproduce this on my machine too ({ x86_64 linux unix linux 8.2.2
Jan 23 2013 64 64})

Strange...

On 05/31/2013 06:08 AM, SonicKenking wrote:

> The following simple code errors out

>

> defsysv, '!SOME_SYS_VAR', hash()

> help, !SOME_SYS_VAR

> (!SOME_SYS_VAR)['A'] = 1

> end

>

> The output is as follows

> <Expression> HASH <ID=1 NELEMENTS=0>

> % Expression must be an array in this context: !SOME_SYS_VAR.

>

> The funny thing is that I can actually run the same command by typing it on the IDL prompt. So following command runs:

>

> IDL> (!SOME_SYS_VAR)['A'] = 1

> IDL> print, !SOME_SYS_VAR

> A: 1

>

> Is it a bug or feature? And how can I correct the code so it can run inside a routine instead of on the prompt (@ is the same as typing on the prompt).

>

> Thanks!

>

Subject: Re: Bug? Hash and System Variable
Posted by [David Fanning](#) on Fri, 31 May 2013 12:34:56 GMT
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Fabien writes:

> I can reproduce this on my machine too ({ x86_64 linux unix linux 8.2.2
> Jan 23 2013 64 64})

On my Windows machine, too. It looks like a bug to me.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
