
Subject: Re: Bug? Hash and System Variable

Posted by [SonicKenking](#) on Fri, 31 May 2013 04:10:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

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
```
