
Subject: Re: scalar system variable as single element array
Posted by on Mon, 14 May 2012 06:31:02 GMT

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Den söndagen den 13:e maj 2012 kl. 22:00:31 UTC+2 skrev fawlty...@gmail.com:

> Hi guys,
>
> the IDL help says that a scalar can be considered a single element array. So why is the
following expression failing?
>
> IDL> help, !pi[0]
> % Expression must be an array in this context: !PI.
> % Execution halted at: \$MAIN\$
>
> Is it a bug or feature :-)
>
> regards,
> Lajos

This works with variables but !pi is not a variable. Think of it as a constant, like the number 2:

```
IDL> a=!pi
IDL> help,2,!pi,a
<Expression> INT      =      2
<Expression> FLOAT    =    3.14159
A          FLOAT    =    3.14159
IDL> help,a[0]
<Expression> FLOAT    =    3.14159
IDL> help,(2)[0],(!pi)[0]
<Expression> INT      =      2
<Expression> FLOAT    =    3.14159
```
