
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 fawltyl...@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
```
