Subject: Re: An expression calculator?
Posted by R.Bauer on Mon, 11 Aug 2003 16:16:24 GMT
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| Weimin Wang wrote: |
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| > | Hi,all   |
|---|--|
| > |  |
| > | Now i have a simple program written. However, I encounter a problem. A |
| > | mathematical expression stored as string variable is inputed to my     |
| > | procedure.I want to calculate its value with after parameter are       |
| > | known. Does someone have an experience finishing such a mission?       |
| > |  |
| > | Many thanks in advance.  |

Dear Weimin

there are several solution possible,

The oldest one ist to use execute. But then the routine won't run by vm or rt.

a=6 b=7 x=execute('result=a+b') print,result 13

One other posibility is to write a routine like icgs\_calc.

http://www.fz-juelich.de/icg/icg-i/idl\_icglib/idl\_source/idl\_html/dbase/icgs\_calc\_dbase.pro.html

One other is to write the string to a function, declare the input variables for the function and then call the function by call function.

regards Reimar

Forschungszentrum Juelich

email: R.Bauer@fz-juelich.de http://www.fz-juelich.de/icg/icg-i/

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a IDL library at ForschungsZentrum Juelich http://www.fz-juelich.de/icg/icg-i/idl\_icglib/idl\_lib\_intro. html

Subject: Re: An expression calculator?
Posted by Weimin Wang on Tue, 12 Aug 2003 01:19:28 GMT
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I got it. The execute function may complete my task.:)

>

> Hi,all

>

- > Now i have a simple program written. However, I encounter a problem. A
- > mathematical expression stored as string variable is inputed to my
- > procedure. I want to calculate its value with after parameter are
- > known.Does someone have an experience finishing such a mission?

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Many thanks in advance.

>

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Best Regards,

Wang Weimin

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