
Subject: IdeCalc -- ERROR: void.sin(): (0,15): 'sin' is not a lambda

Posted by [deep](#) on Thu, 05 Jan 2017 13:16:43 GMT

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Hi,

Trying to use IDE Calculator function.

When I use IDE Calculator in IDE. (Ctrl+e) I get following result.

```
$A=100
100 0x64 "d"
$B=32.5
32.5
$A+B*(32-56/2)
230 0xe6 "æ"
$C=A+B*sin(3.0)
104.5864
```

But when I use same code from uppsrc/ide/Calc.cpp in my program I get following result.
It gives ERROR: void.sin(): (0,15): 'sin' is not a lambda for sin() function.

```
A=100 -- Result -- 100
B=32.5 -- Result -- 32.5
A+B*(32-56/2) -- Result -- 230
C=A+B*sin(3.0) -- Result -- ERROR: void.sin(): (0,15): 'sin' is not a lambda
```

Code used, ESC Package to be added to Package

What changes in code required to process trigonometric functions correctly. Is working code

This is code taken from uppsrc/ide/Calc.cpp

```
#include <Core/Core.h>
```

```
#include <Esc/Esc.h>
```

```
using namespace Upp;
```

```
ArrayMap<String, EscValue> vars;
```

```
ArrayMap<String, EscValue>& UscGlobal()
{
    static ArrayMap<String, EscValue> global;
    return global;
}
```

```
void Calc(String exp)
{
    String txt;
    try {
```

```

ArrayMap<String, EscValue>& g = UscGlobal();
for(int i = 0; i < g.GetCount(); i++)
    vars.GetAdd(g.GetKey(i)) = g[i];
if(IsNull(exp))
    return;
EscValue v = Evaluatex(exp, vars);
txt = v.ToString();
vars.GetAdd("_") = v;
}
catch(CParser::Error e) {
    const char *x = strchr(e, ':');
    txt << "ERROR: " << (x ? x + 1 : ~e);
}
LOG(exp << " -- Result -- " << txt);

}

```

```

CONSOLE_APP_MAIN
{
    StdLib(UscGlobal());
    String s = "A=100";
    Calc(s);
    s = "B=32.5";
    Calc(s);
    s = "A+B*(32-56/2)";
    Calc(s);
    s = "C=A+B*sin(3.0)",
    Calc( s );
}

```

WIN10 - visual studio 14.0 - 64 bit.
 IDE is compiled from source. Ver 10553
