
Subject: Re: the debugger

Posted by [cocob](#) on Sat, 11 Oct 2008 09:26:23 GMT

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I have done some test with theIDE on windows with MSC9

Here my example source :

```
#include <vector>

int main(int argc, const char *argv[])
{
    std::vector<int> vec;
    std::vector<int>::iterator iter;

    vec.push_back(1);
    vec.push_back(4);
    vec.push_back(3);

    iter = vec.begin();
    int a = *iter;
    return 0;
}
```

I have tried to watch these expressions

- 1 - (vec._Mylast - vec._Myfirst)
- 2 - vec.size()
- 3 - vec[0]
- 4 - *iter
- 5 - *(vec._Myfirst+1)

and the results

- 1 - ff698284->??
- 2 - Unknown membre 'size'
- 3 - Invalid operand
- 4 - Only pointer can be dereferenced
- 5 - 4

So only the last expression works.

I know that 2, 3, 4 are difficult because we could parse c++, detect specific STL type (vector) and replace the expression.

But why the first expression doesn't work ?

cocob
