
Subject: How to fix this strong behaviore of MSC compiler & temporary value ?
Posted by [omari](#) on Fri, 24 Apr 2015 10:56:30 GMT

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Hello:

the code below does not work as expected when compiled with MSC compiler, tested with MSC10/WinXP and MSC12/Win7:

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

using namespace Upp;

class A
{
public:
    int x;
    A():x(0) {}

    A( A rval_ a) { LOG("from A");x = a.x;}
    A(String const &s) { LOG("from String");}
    operator String() { LOG("to String"); return "";}
};

A GetA()
{
    A a;
    a.x = 6;
    return a;
}

CONSOLE_APP_MAIN
{
    A a = GetA();
    DUMP(a.x);
}
```

the output of this test case is :

```
from A
to String
from String
```

a.x = 1310556
