
Subject: Problem using more classes...

Posted by [idkfa46](#) on Fri, 09 Mar 2012 16:18:07 GMT

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Hello guys,

I am back looking for your help again...

I have some troubles calling back functions from different classes... here an example for an easier explanation:

main.cpp

```
#include "prova3.h"
```

```
prova3::prova3()
{
    CtrlLayout(*this, "Window title");
    x <= THISBACK(a);
    y <= THISBACK(a);
    x2 <= THISBACK(b);
    y2 <= THISBACK(b);
}
void prova3::a()
{
    if ( !x.IsNullInstance() && !y.IsNullInstance())
    {
        tot = prod(x,y);
    }
    else
    {
        tot = Null;
    }
}
void prova3::b()
{
    if ( !x2.IsNullInstance() && !y2.IsNullInstance())
    {
        tot2 = prova4::sum(x,y);
    }
    else
    {
        tot = Null;
    }
}
int prova3::prod (int x, int y)
{
    return x*y;
}
```

```

int prova4::sum (int x, int y)
{
    return x+y;
}
GUI_APP_MAIN
{
    prova3().Run();
}

```

prova3.h

```

#ifndef _prova3_prova3_h
#define _prova3_prova3_h
#include <CtrlLib/CtrlLib.h>
using namespace Upp;
#define LAYOUTFILE <prova3/prova3.lay>
#include <CtrlCore/lay.h>

class prova3 : public Withprova3Layout<TopWindow> {

public:
    void a();
    void b();

    int prod (int x, int y);

    typedef prova3 CLASSNAME;
    prova3();
};

class prova4 {
public:
    int sum (int x, int y);
};
#endif

```

prova3.lay

```

LAYOUT(prova3Layout, 403, 257)
ITEM(EditInt, y, LeftPosZ(45, 64).TopPosZ(92, 19))
ITEM(EditInt, y2, LeftPosZ(161, 64).TopPosZ(92, 19))
ITEM(EditInt, x, LeftPosZ(47, 64).TopPosZ(57, 19))
ITEM(EditInt, x2, LeftPosZ(161, 64).TopPosZ(57, 19))
ITEM(Label, dv___4, SetLabel(t_("x")).LeftPosZ(10, 33).TopPosZ(57, 21))
ITEM(Label, dv___5, SetLabel(t_("y")).LeftPosZ(10, 33).TopPosZ(92, 21))
ITEM(EditInt, tot, LeftPosZ(47, 64).TopPosZ(130, 19))

```

```
ITEM(EditInt, tot2, LeftPosZ(160, 64).TopPosZ(130, 19))  
END_LAYOUT
```

calling function `prod()` from the same class (`prova3`) there are no problems but if i try to call back `sum(x,y)` from a different class (`prova4`) i receive the following error:

```
'prova4::sum' : illegal call of non-static member function  
c:\myapps\prova3\prova3.h(28) : see declaration of 'prova4::sum'
```

Where I'm wrong today ?!

Regards,
Matteo
