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Subject: First time with upp

Posted by [idkfa46](#) on Thu, 29 Dec 2011 18:27:08 GMT

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hi guys,

this is my first time on upp, i was trying to build a little program to understand how upp works but i have some problems atm.

The simply program "prova2" just have to take take 2 numbers and return the sum but something is wrong...

this is my code:

main.cpp

```
#include "prova2.h"
```

```
prova2::prova2()
{
    CtrlLayout(*this, "Window title");
}
```

```
int prova2::calcolo(int x, int y)
{
    int somma;
    somma = x+y;
    return somma;
}
```

```
GUI_APP_MAIN
{
    prova2().Run();
}
```

prova2.h

```
#ifndef _prova2_prova2_h
#define _prova2_prova2_h
```

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

```
using namespace Upp;
```

```
#define LAYOUTFILE <prova2/prova2.lay>
#include <CtrlCore/lay.h>
```

```
class prova2 : public Withprova2Layout<TopWindow> {  
  
    int calcolo(int x, int y);  
  
public:  
    typedef prova2 CLASSNAME;  
    prova2();  
};  
  
#endif
```

prova2.lay

```
LAYOUT(prova2Layout, 268, 140)  
ITEM(EditInt, x, LeftPosZ(52, 64).TopPosZ(24, 19))  
ITEM(EditInt, y, LeftPosZ(188, 64).TopPosZ(24, 19))  
ITEM(Label, dv___2, SetLabel(t_("X =")).LeftPosZ(16, 33).TopPosZ(24, 21))  
ITEM(Label, dv___3, SetLabel(t_("Y =")).LeftPosZ(152, 33).TopPosZ(24, 21))  
ITEM(Label, somma, LeftPosZ(80, 172).TopPosZ(52, 24))  
ITEM(Label, dv___5, SetLabel(t_("Somma =")).LeftPosZ(16, 56).TopPosZ(56, 21))  
ITEM(Button, calcola, SetLabel(t_("CALCOLA")).SetFont(StdFontZ(19).Bold()).LeftPosZ(16,  
236).TopPosZ(88, 32))  
END_LAYOUT
```

where is my epic fail ?!

how is possible to obtain the sum without typing the button "CALCOLA" ?

Thanks for ur help and your time

regards,

Matteo

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Subject: Re: First time with upp  
Posted by [cb31\\_fr](#) on Thu, 29 Dec 2011 19:15:41 GMT  
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Hi,

Your prova2.h and main.cpp modified.

The addition will be automatically done each time x or y is updated.

prova2.h :

```

#ifndef _prova2_prova2_h
#define _prova2_prova2_h

#include <CtrlLib/CtrlLib.h>

using namespace Upp;

#define LAYOUTFILE <prova2/prova2.lay>
#include <CtrlCore/lay.h>

class prova2 : public Withprova2Layout<TopWindow> {
public:
    typedef prova2 CLASSNAME;
    prova2();

private:
    void calcolo();
};

#endif

```

And main.cpp :

```

#include "prova2.h"

prova2::prova2()
{
    CtrlLayout(*this, "Window title");

    // you must add a callback on x or y fields update
    x <<= THISBACK( calcolo ) ;
    y <<= THISBACK( calcolo ) ;
}

void prova2::calcolo()
{
    // You do the addition only if x and y are valid
    if( !( x.IsNullInstance() || y.IsNullInstance() ) )
    {
        // Here, you must get the value inserted in your x EditInt field (done with ~x)
        int xValue = ~x ;
    }
}

```

```
// And, you must also get the value inserted in your y EditInt field (done with ~y)
int yValue = ~y ;

// And now, you must update your somma Label field with the addition.
// As somma is a Label, we must convert your result into text (done by Format)
// and then, you update your field by the SetText method.
somma.SetText( Format( "%d", xValue+yValue ) );
}
else
{
    somma.SetText( "" );
}

return ;
}

GUI_APP_MAIN
{
    prova2().Run();
}
```

Have fun with Upp.  
Regards  
Christian

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Subject: Re: First time with upp  
Posted by [idkfa46](#) on Fri, 30 Dec 2011 14:25:36 GMT  
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oh thanks! now is better

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Subject: Re: First time with upp  
Posted by [mdelfede](#) on Thu, 12 Jan 2012 15:22:09 GMT  
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And a big welcome to my very first TimberStruct customer

Max

Subject: Re: First time with upp  
Posted by [koldo](#) on Thu, 12 Jan 2012 20:39:02 GMT  
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