
Subject: Cannot get modal owned window

Posted by [indiocolifa](#) on Fri, 25 Apr 2008 15:58:12 GMT

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What I want to do is the main window to open a modal window, which must be resized at 90% of the parent window size. I get different problems, but I can't get it right.

Here's what I'm doing.

The Main Window is opened with.

```
MainWindow mw;  
mw.Run();
```

in the GUI_APP_MAIN block.

Now, the window I want to open is defined in the .lay file. It's class declaration is:

```
class CaseExp : public WithCaseExpLayout<TopWindow> {  
    typedef CaseExp CLASSNAME;  
  
    void PrintRemClick();  
    void ResolCasoClick();  
    void CerrarCasoClick();  
    void FillGrid();  
    void gridCasosWhenSelection();  
    void exit();  
  
public:  
    CaseExp();  
};
```

So, since I want MainWindow to be the parent of this CaseExp window, in MainWindow.h I put:

```
class MainWindow : public TopWindow  
{  
    MenuBar mainMenu;  
    StatusBar statusBar;  
    LoginWindow loginWnd;  
    CaseExp caseexp; <<<<---- HERE  
  
... (continues)  
}
```

The window is activated with a menu which has a callback pointing to a function with this code:

```
void MainWindow::OpenCaseExp()
{
    caseexp.Run(true);
}
```

Ok, this window is modal. But I can close it breaking it's modal loop properly.

The window has no close button in the form, only the system window close button at the title bar is used to close the window.

This is the constructor of CaseExp (the 'child' window):

```
CaseExp::CaseExp()
{
    CtrlLayout(*this, "Explorador de Casos");
    Sizeable(true);

    gridCasos.AddColumn((Id)COL_MARCAEQ, "Marca Equipo");
    gridCasos.AddColumn((Id)COL_MODEEQ, "Modelo Equipo");

    gridCasos.AddColumn((Id)COL_ESTADO, "Estado");

    FillGrid();

    btnPrintRem.WhenAction=THISBACK(PrintRemClick);
    btnResolCaso.WhenAction=THISBACK(ResolCasoClick);
    btnCerrarCaso.WhenAction=THISBACK(CerrarCasoClick);
    gridCasos.WhenSel=THISBACK(gridCasosWhenSelection);
    WhenClose = THISBACK(exit);
}
```

exit Calls:

```
void CaseExp::exit()
{
    Break(999);
}
```

But this window won't close !!!!

Now, If I use:

```
void CaseExp::exit()
{
    Break(999);
    Close();
}
```

The window closes with a 'beep' and the main window (it's parent) is not focused (i must focus it manually).

It's evident that I do not fully U++ mechanisms well...

Any guidelines?

Thank you for your help.