
Subject: Re: ArrayCtrl cell consisting of edit and helper button

Posted by [forlano](#) on Fri, 05 May 2006 23:31:26 GMT

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luzr wrote on Wed, 19 April 2006 14:31BTW, consider using layout....

Hello,

I've modified a bit the Aris' example above using the layout as Mirek suggested to create an embedded two-control made by an editint followed by a label. What is entered in the edit is immediately replicated in the label. Here it is:

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

#define LAYOUTFILE <edithelp/a.lay>
#include <CtrlCore/lay.h>

//----- begin class -----
class EditLabel : public WithEditLabel<TopWindow> {
public:
    typedef EditLabel CLASSNAME;
    void WriteLabel();
    EditLabel();
};

void EditLabel::WriteLabel()
{ lbl.SetLabel( AsString(~edit) );
  //SetFocus();
}

EditLabel::EditLabel()
{ CtrlLayout(*this, "");
  edit <= THISBACK(WriteLabel);
}

void Extra2(One<Ctrl>& ctrl)
{ ctrl.Create<EditLabel>();
}

//----- end class -----

GUI_APP_MAIN
{
    TopWindow w;
    ArrayCtrl arr;

    arr.AddColumn("col1",20);
    arr.AddColumn("col2",20).Ctrls(Extra2);
    arr.SetLineCy(20);
}
```

```
arr.Add("aaa");
arr.Add("bbb");

arr.SizePos();
w.Add(arr);

w.Run();
}
```

```
LAYOUT(EditLabel, 96, 19)
ITEM(EditInt, edit, LeftPosZ(2, 32).TopPosZ(1, 17))
ITEM(Label, lbl, SetFrame(ThinInsetFrame()).LeftPosZ(36, 60).TopPosZ(1, 17))
END_LAYOUT
```

Now the horizontal alignment is improved drastically and there is no problem with size > 15 that can be tuned as one like.

Moreover appear the annoying problem of the cursor of the array that does not follow the click on the embedded control. To overcome it I've added

`SetFocus();`

connected to `edit.WhenAction` but then come two new unwanted side effects:

- 1) `WhenAction` was already used to pass the value to the label at the right. So while one type in the editint it continue to focus when should not be necessary (in principle).
- 2) Instead happens that after the first `SetFocus()` the cursor of the array is synchronised with the embedded control but the focus escape from editint and finish somewhere else in the row and one cannot continue the edit of the field!

Any idea to overcome the problem?

Luigi
