
Subject: ArrayCtrl edit [USEFUL EXAMPLES].
Posted by [fudadmin](#) on Mon, 17 Apr 2006 23:15:42 GMT
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I copied this from another topic because I think it's more useful in this category.

Quote:

OK, something I should have done a long time ago, a good reference examples demonstrating different ways of editing cells in ArrayCtrl:

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

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

struct App : public WithAppLayout<TopWindow> {
    EditDouble editdbl;

    typedef App CLASSNAME;
    App();
};

struct SqrNumberConvert : Convert {
    virtual Value Format(const Value& q) const {
        return IsNull(q) ? (double)Null : (double)q * (double)q;
    }
};

void EditDblMinMaxFactory(One<Ctrl>& ctrl)
{
    ctrl.Create<EditDouble>().MinMax(0, 1);
}

App::App()
{
    CtrlLayout(*this);
    list.AddColumn("Number").Edit(editdbl);
    list.AddColumnAt(0, "Number^2").SetConvert(Single<SqrNumberConvert>());
    list.AddColumn("Text").Ctrls<EditString>();
    list.AddColumn("Limited number").Ctrls(EditDblMinMaxFactory);
    list.AddCtrl(editor);
    list.AddCtrl(option);
    list.Appending().Removing();
    list.SetLineCy(EditField::GetStdHeight());
    list.ColumnWidths("49 63 74 96");
}
```

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

ArrayCtrlEdits.lay:

```
LAYOUT(AppLayout, 416, 132)
  ITEM(ArrayCtrl, list, LeftPosZ(4, 300).TopPosZ(4, 124))
  ITEM(EditInt, editor, LeftPosZ(308, 104).TopPosZ(4, 19))
  ITEM(Option, option, SetLabel(t_("Option")).LeftPosZ(308, 104).TopPosZ(28, 15))
END_LAYOUT
```

Mirek

P.S There is EditInt, too.
