
Subject: Re: edit data in arrayctrl

Posted by [mirek](#) on Fri, 24 Mar 2006 23:12:21 GMT

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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
```

Mire
