
Subject: BUG: ArrayCtrl - sorting

Posted by [slashupp](#) on Wed, 11 Feb 2015 08:02:36 GMT

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(debian, upp v8048)

1. Cannot pass ArrayCtrl by reference (see source below)
2. col2 in ac2 does not sort when using Attrtext on content (see source below)

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

```
using namespace Upp;
```

```
struct acstest : public TopWindow
```

```
{
    typedef acstest CLASSNAME;
    Label l1,l2;
    ArrayCtrl ac1, ac2;
    acstest();

```

```
//void DoSort(ArrayCtrl &ac, int col) { ac.ToggleSortColumn(col); ac.DoColumnSort(); } <<<---
```

```
MANY compile errors - why?
```

```
void DoSort(ArrayCtrl *pac, int col) { pac->ToggleSortColumn(col); pac->DoColumnSort(); }
};
```

```
acstest::acstest()
```

```
{
    Title("ArrayCtrl-Sorting-test");
    SetRect(50,50,750,750);

```

```
    Add(l1.SetLabel(t_("no attrtext - sort OK")).LeftPosZ(5, 245).TopPosZ(5, 15));
    Add(ac1.LeftPosZ(5, 245).TopPosZ(20, 475));
    ac1.AddColumn("col1").HeaderTab().WhenAction=THISBACK2(DoSort, &ac1, 0);
    ac1.AddColumn("col2").HeaderTab().WhenAction=THISBACK2(DoSort, &ac1, 1);
    ac1.AddColumn("col3").HeaderTab().WhenAction=THISBACK2(DoSort, &ac1, 2);
    ac1.Add("bbb","ccc","aaa");
    ac1.Add("aaa","bbb","ccc");
    ac1.Add("ccc","aaa","bbb");

```

```
    Add(l2.SetLabel(t_("col2' with attrtext - sort fails on 'col2'")).LeftPosZ(250, 245).TopPosZ(5, 15));
    Add(ac2.LeftPosZ(250, 245).TopPosZ(20, 475));
    ac2.AddColumn("col1").HeaderTab().WhenAction=THISBACK2(DoSort, &ac2, 0);
    ac2.AddColumn("col2").HeaderTab().WhenAction=THISBACK2(DoSort, &ac2, 1); //does not
    happen
    ac2.AddColumn("col3").HeaderTab().WhenAction=THISBACK2(DoSort, &ac2, 2);
    ac2.Add("bbb",AttrText("ccc").Align(ALIGN_CENTER).NormalInk(Red()),"aaa");
    ac2.Add("aaa",AttrText("bbb").Align(ALIGN_CENTER).NormalInk(Green()),"ccc");

```

```
    ac2.Add("ccc",AttrText("aaa").Align(ALIGN_CENTER).NormalInk(Blue()),"bbb");  
}
```

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