

---

Subject: [bug?] Can't Convert::Scan rows in ArrayCtrl  
Posted by [bushman](#) on Sun, 30 Mar 2014 22:17:36 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi, there!

Method MyConv::Scan never gets called when running code case below:

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

using namespace Upp;

struct MyConv : Convert
{
    Value Scan(const Value& text) const
    {
        return "returning whatever I want!";
    }
};

class App : public TopWindow
{
public:
    typedef App CLASSNAME;

    App()
    {
        Add(arr.SizePos());
        arr.AddColumn("some column").SetConvert(Single<MyConv>());
        for(int i = 0; i < 10; i++)
            arr.Add(Format("double click here - %d", i));
        arr.WhenLeftDouble = THISBACK(DDClick);
    }

    void DDClick()
    {
        PromptOK(arr.Get(0).ToString());
    }

    ArrayCtrl arr;
};

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

Isn't Convert::Scan all about 'returning whatever I want' into my PromptOK? Well, it doesn't! It just relays unchanged row content after double clicking it.

After poking around for a while, I ended up inserting the following patch in ArrayCtrl.cpp near line #336:

```
for(i = 0; i < control.GetCount(); i++) {
    const Control& c = control[i];
    if(Pos(c.pos) == ii)
        return c.ctrl->GetData();
}
const Column& m = column[ii];           // <- patched
if(m.convert)                           // <-- patched
    return m.convert->Scan(Get0(cursor, ii)); // <-- patched
return Get0(cursor, ii);
```

Now it works as (I) expected!

Comments?

Tks!!

---