
Subject: ArrayCtrl.Clear() but?

Posted by [jimlef](#) on Sun, 26 Dec 2021 18:52:14 GMT

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Merry Christmas :)

I have a simple program:

main.cpp:

```
#include "ClearTest.h"
```

```
arrayTest::arrayTest()
{
    CtrlLayout(*this, "Window title");
    ztest temp;
    cancel << [=] { Close(); };

    arrTest.AddColumn("Int");
    arrTest.AddColumn("Int");
    arrTest.AddColumn("Bool");

}
```

```
void arrayTest::LoadArray( Array<ztest> t)
{
    arrTest.Clear();
    for (int i = 0; i < t.GetCount(); i++) if (t[i].b) arrTest.Add(t[i].t[0], t[i].t[1], (int)t[i].b);
}
```

```
clearTest::clearTest() // using upp 15947 compiled on Linux Mint 20.2
```

```
{
    CtrlLayout(*this, "Window title");
    cancel << [=] { Close(); };
    btnRun << [=] {
        for (int i = 0; i < 10; i++) {
            ztest *temp = new ztest;
            srand (time(NULL));
            temp->t[0] = i + 1;
            temp->t[1] = i + (rand() % 100);
            temp->b = true;
            t.Add(pick(temp));
        }
        if (!aTest.isOpen())
            aTest.LoadArray(clone(t));
        aTest.Open(this);
    };
}
```

```

GUI_APP_MAIN
{
    clearTest().Run();
}

ClearTest.h:
#ifndef _ClearTest_ClearTest_h
#define _ClearTest_ClearTest_h

#include <CtrlLib/CtrlLib.h>

using namespace Upp;

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

struct ztest {
    int t[2];
    bool b;
};

static Array<ztest> t;

class arrayTest : public WithMyArray<TopWindow> {
public:
    void LoadArray(Array<ztest> t);
    arrayTest();
};

class clearTest : public WithclearTestLayout<TopWindow> {
arrayTest aTest;
public:
    clearTest();
};

#endif

ClearTest.Lay
LAYOUT(clearTestLayout, 240, 148)
ITEM(Upp::Button, btnRun, SetLabel(t_("RunbtnRun"))).LeftPosZ(28, 56).TopPosZ(76, 15))
ITEM(Upp::Button, cancel, SetLabel(t_("Close"))).LeftPosZ(148, 56).TopPosZ(76, 15))
END_LAYOUT

LAYOUT(MyArray, 400, 200)
ITEM(Upp::ArrayCtrl, arrTest, LeftPosZ(12, 380).TopPosZ(8, 140))
ITEM(Upp::Button, cancel, SetLabel(t_("Close"))).LeftPosZ(172, 56).TopPosZ(168, 15))
END_LAYOUT

```

It compiles and runs ok - but when I click on "RunbtnRun" repeatedly, instead of the array 'Clear()'ing, it adds to bottom of list growing each time.

Am I doing something wrong here?

Subject: Re: ArrayCtrl.Clear() but?

Posted by [jimlef](#) on Sun, 26 Dec 2021 18:55:10 GMT

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In answer to my own issue, if I use pick() instead of clone(), it clears the array LOL go figure :)
