
Subject: Re: Calculate needed cell width to fit some text
Posted by [Sender Ghost](#) on Sat, 13 Feb 2010 11:29:55 GMT
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Hello, Max.

I made following sample application for your first question from which you can understand about how to setup ArrayCtrl columns with fixed width.

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

using namespace Upp;

const String sampleText("Another Sample Text");

void CreateOption(One<Ctrl>& ctrl)
{
    ctrl.Create<Option>().NoWantFocus();
}

class FixedArray : public TopWindow {
public:
    typedef FixedArray CLASSNAME;
    FixedArray();

    ArrayCtrl list;

    void ArrayBar(Bar& bar);

    void ToggleOption();
    void FillWithData();
};

FixedArray::FixedArray()
{
    Title("Fixed ArrayCtrl test application");
    CenterScreen().MaximizeBox().MinimizeBox().Sizeable();
    SetRect(Size(320, 240));

    list.AutoHideSb();
    list.WhenBar = THISBACK(ArrayBar);
    // Initialize ArrayCtrl columns
    list.AddColumn().Ctrls(CreateOption).HeaderTab().Fixed(26); // first method
    list.AddColumn("Content");
    list.AddColumn("Description");
    // Get width for sampleText
    const int sampleWidth = GetTextSize(sampleText, Draw::GetStdFont()).cx;
    // Set width for column
```

```

HeaderCtrl& hc = list.HeaderObject();
hc.Tab(1).Fixed(sampleWidth + hc.Tab(1).GetMargin() * 2 + 1); // second method

Add(list.VSizePosZ(4, 4).HSizePosZ(4, 4));
}

void FixedArray::ArrayBar(Bar& bar)
{
if (list.HasFocus() && list.IsCursor())
bar.AddKey(K_SPACE, THISBACK(ToggleOption));

list.StdBar(bar);
}

void FixedArray::ToggleOption()
{
GuiLock __;

list.Set(0, !list.Get(0));
}

void FixedArray::FillWithData()
{
GuiLock __;

list.Clear();

for (int i = 1; i <= 10; ++i)
list.Add(i % 2 == 0, sampleText, Format("Description of %d", i));
}

GUI_APP_MAIN
{
//Ctrl::GlobalBackPaintHint();

FixedArray fa;
fa.FillWithData();

fa.Run();
}

```

File Attachments

1) [FixedArray.png](#), downloaded 756 times
