
Subject: Re: SetDisplay, which works for column why not for cells ??

Posted by [deep](#) on Sun, 18 Nov 2012 11:07:42 GMT

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Hello All,

I want to use GridCtrl::SetDisplay Function to set display for cell.

This is modified example from tutorial.

What should be correct syntax for SetDisplay to a cell?

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

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

```
using namespace Upp;
```

```
struct DispPM : GridDisplay {
```

```
    virtual void Paint ( Draw &w, int x, int y, int cx, int cy, const Value &val, dword style,  
        Color &fg, Color &bg, Font &fnt, bool found, int fs, int fe ) {
```

```
        if ( !val.IsNull() ) {  
            String Val = String ( val );
```

```
            if ( Val == "Jack" ) {
```

```
                fg = Blue();  
                fnt = fnt.Bold();  
            } else fg = Red();
```

```
        }
```

```
    GridDisplay::Paint ( w, x, y, cx, cy, val, style, fg, bg, fnt, found, fs, fe );
```

```
};
```

```
};
```

```
struct App : TopWindow
```

```
{
```

```
    typedef App CLASSNAME;
```

```
    GridCtrl grid;
```

```
    EditString name;
```

```
    EditInt age;
```

```
    App()
```

```
{
```

```
    Sizeable().Zoomable();
```

```

Add(grid.SizePos());

// grid.AddColumn("Name").Edit(name).SetDisplay(Single<DispPM>());
grid.AddColumn("Name").Edit(name);
grid.AddColumn("Age").Edit(age);

for ( int i=0; i<10; i++) {
grid.Add("Ann", 21)
    .Add("Jack", 34)
    .Add("David", 15);
}
grid.Set(0, 0, "Daniel");
grid.SetFixed(0, 1, "Age of person");

grid.Indicator();
grid.WhenLeftDouble = THISBACK(ShowInfo);

        grid.SetDisplay(5,0,Single<DispPM>());

/* uncomment this to get random color of rows */
//grid.WhenChangeRow = THISBACK(SetRandomColor);

grid.ColorRows();
grid.EditCell();
grid.EnterLikeTab();
grid.GoBegin();
}

void ShowInfo()
{
    PromptOK(Format("%s is %d years old", grid(0), grid(1)));
}

void SetRandomColor()
{
    grid.GetRow().Bg(Color(rand() % 255, rand() % 255, rand() % 255));
}
};

GUI_APP_MAIN
{
    App().Run();
}

```

This works as expected when I set display to Column during AddColumn call.

When I set display to particular cell I get following error during compilation.

main.cpp

Grid01: 1 file(s) built in (0:06.33), 6333 msecs / file, duration = 6349 msecs, parallelization 0%

Linking...

main.obj : error LNK2001:

unresolved external symbol "public: void __thiscall Upp::GridCtrl::SetDisplay(int,int,class Upp::GridDisplay &)" (?SetDisplay@GridCtrl>@Upp@@QAEXHHAAGridDisplay>@2@@@Z)
C:\DevTools\upp4193\out\tutorial\MSC10.Debug.Debug_Full.Gui\ Grid01.exe : fatal error
LNK1120: 1 unresolved externals
