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

Posted by [ayana](#) on Sat, 10 Nov 2012 04:55:07 GMT

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Hey all,

Referring to the "HomeBudget" program, the SetDisplay function works for column, in the same way it should be possible to set a display background color for particular cell in a column.

So Please let me know, how to set it for a particular cell in a grid.

File Attachments

1) [Home Budget reference](#), downloaded 388 times

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 msec / file, duration = 6349 msec, 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

```