
Subject: GridCtrl: custom ButtonOption inside a cell
Posted by [forlano](#) on Sat, 21 Jun 2014 06:46:35 GMT
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Hello,

GridCtrl let me add easily an Option

```
grid.AddColumn(STATUS, "Status", 4).Option().Default(true);
```

Now I would like to add instead a ButtonOption with my own images.
I thought to modify the library (other idea are welcome)

```
static void MakeOption(One<Ctrl>& ctrl)
{
    //ctrl.Create<Option>().ShowLabel(false); //original code
    ctrl.Create<ButtonOption>(); //new
    ctrl->SetData(0);
    ctrl->WantFocus();
}
```

It works but I do not see where to use
.SetImage()
(ctrl do not like SetImage()).

Any solution? :roll:
Thanks,
Luigi

Subject: Re: GridCtrl: custom ButtonOption inside a cell
Posted by [Sender Ghost](#) on Sat, 21 Jun 2014 20:28:50 GMT
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Hello, Luigi.

forlano wrote on Sat, 21 June 2014 08:46It works but I do not see where to use
.SetImage()

The One::Create() method returns reference to created object of specified type. For example, in your case:

```
void MakeButtonOption(One<Ctrl>& ctrl)
{
    ButtonOption& option = ctrl.Create<ButtonOption>();
}
```

```

option.SetImage(Null, CtrlImg::check());
option.WantFocus();
}

```

I created following example to demonstrate this:

Toggle source code `#include <GridCtrl/GridCtrl.h>`

```

using namespace Upp;

```

```

void MakeButtonOption(One<Ctrl>& ctrl)
{
    ButtonOption& option = ctrl.Create<ButtonOption>();
    option.SetImage(Null, CtrlImg::check());
    option.WantFocus();
}

```

```

class App : public TopWindow {
private:
    GridCtrl grid;
public:
    typedef App CLASSNAME;
    App();

```

```

    void FillData(int count = 0x100);
};

```

```

App::App()
{
    Title("GridCtrl with Option and ButtonOption");
    Sizeable().Zoomable();
    const Size sz(400, 240);
    SetMinSize(sz); SetRect(sz);

    grid.Chameleon();
    grid.AddColumn("Option").Option().Default(true);
    grid.AddColumn("ButtonOption").Ctrls(MakeButtonOption).Default(true);

    Add(grid.VSizePosZ(2, 2).HSizePosZ(2, 2));
}

```

```

void App::FillData(int count)
{
    if (grid.GetCount())
        grid.Clear();

    grid.Ready(false);
    for (int i = 0; i < count; ++i) {

```

```
const bool v = i % 2 == 0;
grid.Add(v, v);
}
grid.Ready(true);
}
```

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

File Attachments

1) [GridButtonOption.png](#), downloaded 642 times

Subject: Re: GridCtrl: custom ButtonOption inside a cell
Posted by [forlano](#) on Mon, 23 Jun 2014 12:14:11 GMT
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Very nice.
Thanks!

Luigi
