
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 763 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
