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Subject: Re: MessageCtrl: A passive notifications ctrl and manager.

Posted by [Oblivion](#) on Fri, 05 Apr 2019 12:50:58 GMT

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Hello Mahanthesh, and welcome to the U++ forums!

MessageCtrl is using Qtf. And it can be formatted using Qtf syntax. You can even put images or tables in it (if you really need such options...)

See here for more details on the format:

[https://www.ultimatepp.org/srcdoc\\$RichText\\$QTF\\_en-us.html](https://www.ultimatepp.org/srcdoc$RichText$QTF_en-us.html)

As for your question. Here is a modified version of the reference code:

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

using namespace Upp;

class Messages : public TopWindow {
    MessageCtrl msg;
    DocEdit editor;
    Button button1, button2;

public:
    Messages()
    {
        Title("U++ Message Boxes (Passive Notifications)");
        SetRect(0,0, 640, 480);
        Sizeable().Zoomable().CenterScreen();
        SetMinSize({100, 100});

        auto action = [=](int id) {
            switch(id) {
                case IDYES: PromptOK("You've chosen 'yes'"); break;
                case IDNO: PromptOK("You've chosen 'no'"); break;
            }
        };

        Add(editor.HSizePosZ().VSizePos(0, 24));
        Add(button1.SetLabel("Test").RightPos(4).BottomPos(4));
        Add(button2.SetLabel("Clear").LeftPos(4).BottomPos(4));

        button2 << [=] { msg.Clear(this); }; // Selective clearing.
        button1 << [=] {
            msg.Animation()
                .Top()
```

```
.Information(*this, "This is a time-constrained information message. It will disappear in 5
seconds.", Null, 5)
.Success(*this, "This is a success message.")
.Warning(*this, "This is a warning message.")
.Error(*this, "This is an error message.")
.Information(*this, "[C [4 This information message is using 16 pt courier font...]) // <-- Different
font face and font size...
.Bottom()
.AskYesNo(editor, "This is a question box 'in' the text editor with "
    "[^https:www`.ultimatepp`.org^l`i`n`k]"
    " support. Would you like to continue?",
    action,
    callback(LaunchWebBrowser)
);

};
}
};

GUI_APP_MAIN
{
    Messages().Run();
}
```

Result should be (this is on Linux):

If you have more questions about the MesasgeCtrl, I'll try to answer them.

Best regards,  
Oblivion

### File Attachments

1) [MessageCtrl.png](#), downloaded 906 times

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