
Subject: DropList Items Text highlight area height
Posted by [Imonda](#) on Wed, 16 Sep 2026 14:31:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello

I am working with a U++ project (Upp version 17490), that recently migrated to newer hardware that uses touchscreen.

It is difficult to make a droplist selection using finger on a std Droplist as the text highlight area in the droplist Text items are very small.

Is there a way to increase the text selection rectangle height for a droplist control?

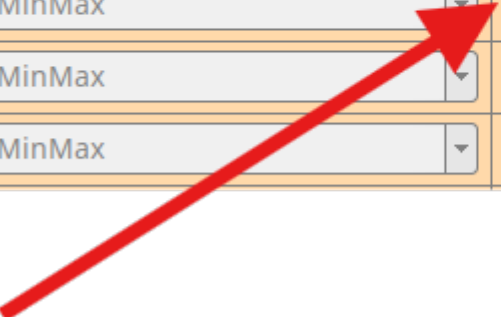
In the attached image, how to increase the blue rectangle height to like a button height so it is easy to select?

Thank You
Imonda

File Attachments

1) [DropList.png](#), downloaded 19 times

Limit Type	Logic	Min/ThH
Step MinMax	No Limit	-9999
Step MinMax	No Limit	-9999
Step MinMax	Within	-9999
Step MinMax	Outside	-9999
Step MinMax	No Limit	-9999
Step MinMax	No Limit	-9999



Subject: Re: DropList Items Text highlight area height
Posted by [Oblivion](#) on Wed, 16 Sep 2026 16:38:02 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Imonda,

Yes, you can change the height. Even independently, per-line:

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

using namespace Upp;

struct MyApp : TopWindow {
    DropList list;
    MyApp()
    {
        Sizeable().Zoomable().CenterScreen().SetRect(0, 0, 400, 400);
        Add(list.HCenterPos(300).VCenterPos());

        for(int i = 0; i < 5; i++)
            list.Add(i).SetLineCy(i, GetStdFontCy() * max(i, 1));
        list.GoBegin();
    }
};

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

Best regards,
Oblivion

Subject: Re: DropList Items Text highlight area height
Posted by [Imonda](#) on Thu, 17 Sep 2026 16:22:50 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Oblivion

Thanks, that is super helpful in using native controls. I am able to adjust the selection height.

Now In some cases, we have custom drop list that was extended from upp drop list. In these controls we override the Display like this -

```
struct DropListFontDisplay : Display {

    virtual void Paint(Draw& w, const Rect& r, const Value& q, Color ink,
                      Color paper, dword style) const
    {
        //Font fnt = StdFont(16).Bold();
```

```

Color dropBackColor = Color(153,187,255);
String txt = q;
w.DrawRect(r, dropBackColor/*SColorFace*/);
w.DrawText(r.left + 2, r.top + (r.Height() - GetTextSize(txt, _GFont).cy) / 2,
           txt, _GFont, ink);
}
};

```

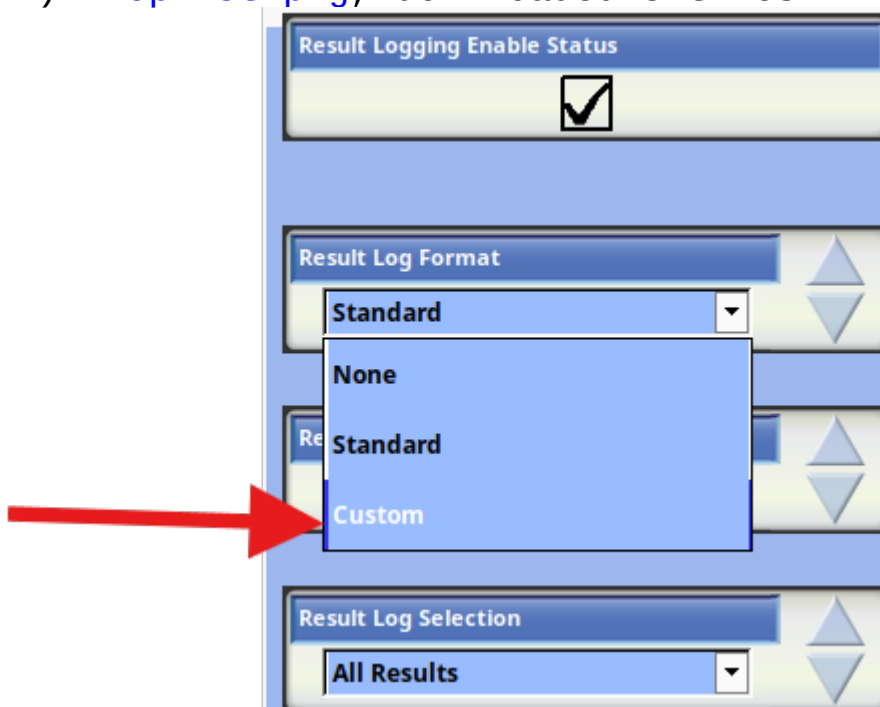
Then I do this to set the display height like below, which works fine. But the drop down color covers the Highlight rectangle color. Why? See image. Blue selection rectangle missing.

```
_DropList.SetDisplay(Single<DropListFontDisplay>(),35);
```

Thanks
Imonda

File Attachments

1) [DropList.png](#), downloaded 8 times



Subject: Re: DropList Items Text highlight area height
 Posted by [Oblivion](#) on Thu, 17 Sep 2026 17:31:47 GMT
[View Forum Message](#) <> [Reply to Message](#)

Since droplist expects a display object, it passed "style" variable, which is an enum part of Display

```

class Display : public Pte<Display> {
public:
    enum {
        CURSOR    = 0x01,
        FOCUS      = 0x02,
        SELECT     = 0x04,
        READONLY   = 0x08,
    };

```

So,

```

struct MyDisplay : Display {
    void Paint(Draw &w, const Rect &r, const Value &q, Color ink, Color paper, dword style) const
    override
    {
        w.DrawRect(r, style & CURSOR ? SColorHighlight : SRed());
        w.DrawText(r.left, r.top, q.ToString(), StdFont(), Black());
    }
};

struct MyApp : TopWindow {
    DropList list;
    MyApp()
    {
        Sizeable().Zoomable().CenterScreen().SetRect(0, 0, 400, 400);
        Add(list.HCenterPos(300).VCenterPos());

        list.SetDisplay(Single<MyDisplay>());
        for(int i = 0; i < 5; i++)
            list.Add(i).SetLineCy(i, GetStdFontCy() * max(i, 1));
        list.GoBegin();
    }
};

GUI_APP_MAIN
{
    MyApp().Run();
}

```

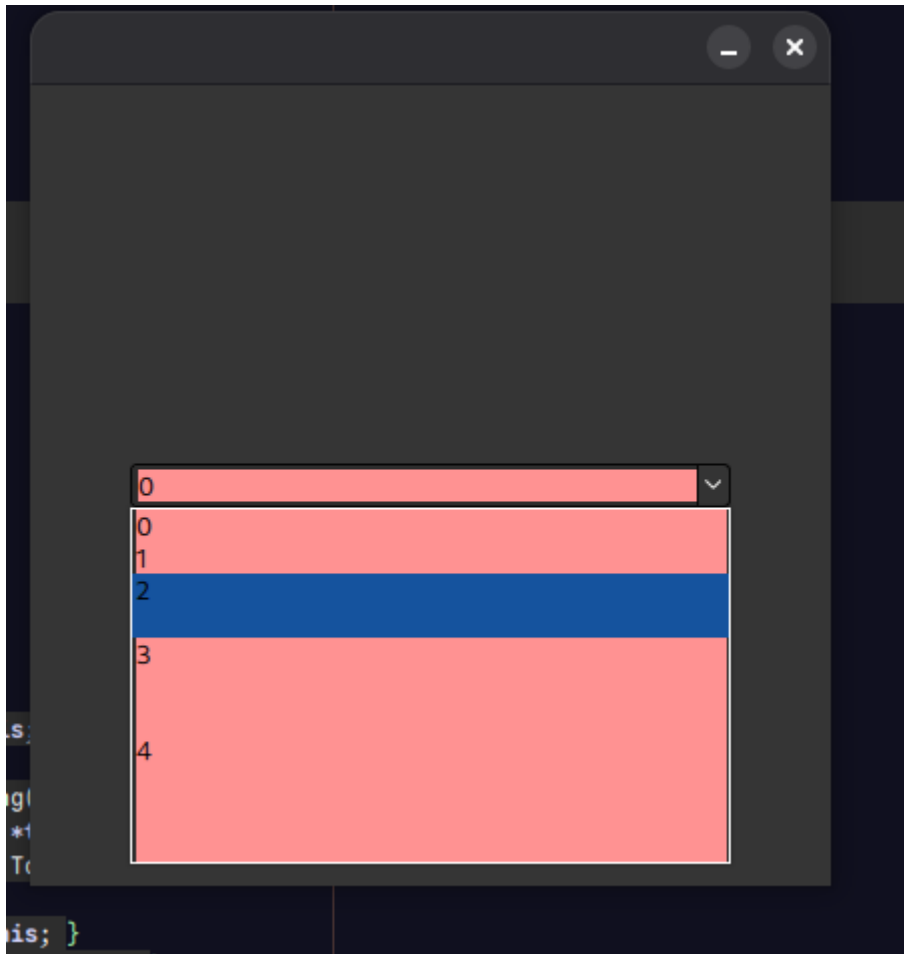
Should work (if this is what you meant):

Best regards,

Oblivion

File Attachments

1) [Ekran Görüntüsü 2026-09-17 20-30-50.png](#) , downloaded 26 times



Subject: Re: DropList Items Text highlight area height

Posted by [lmonda](#) on Fri, 18 Sep 2026 04:23:19 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Oblivion,

Thanks, Let me try this.

Also I have a menubar popup where I add Text to the menu bar with Add().

How do I change menu item Text height? Menubar does not have set height member.

MenuBar menu;

```
menu.Add(t_("Print Program Test Setup"), THISBACK(PrintTestSetupReportCB));  
menu.Add(t_("Print Brief Program Report"), THISBACK(PrintBriefTestReportCB));  
menu.Add(t_("Print Options"), THISBACK(PrintOptionsReportCB));
```

```
menu.Add(t_("Print Hardware Setup"), THISBACK(PrintHdwrSetupCB));  
menu.Add(t_("Print Factory Setup"), THISBACK(PrintFactoryConfigCB));  
menu.Separator();  
#ifndef ENABLE_PART11  
menu.Add(t_("Login/Logout"), THISBACK(ShowLoginCB));  
menu.Add(t_("Forgot Password"), THISBACK(ShowPasswordForgotCB));  
menu.Separator();
```

Thanks
Lakshmi.

File Attachments

1) [menubar.png](#), downloaded 11 times

