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Subject: How to change color of selected text in DropList ?

Posted by [BioBytes](#) on Mon, 25 Jun 2012 20:16:33 GMT

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Hi all,

I understood that Droplist can be customized using Display. So I created my own display as described below:

```
//Declaration of the specific display
```

```
struct dropListDisplay:Display
```

```
{
```

```
public:
```

```
void setColors(Color text,Color back);
```

```
void setFont(Font& ft);
```

```
private:
```

```
Color textColor,backColor;
```

```
Font textFont;
```

```
//Rect rect;
```

```
virtual void Paint(Draw& w,const Rect& r, const Value& q,
```

```
Color ink,Color paper,dword style)const;
```

```
};
```

```
//Implementation of the methods
```

```
void dropListDisplay::setColors(Color text,Color back)
```

```
{
```

```
textColor = text;
```

```
backColor = back;
```

```
}
```

```
void dropListDisplay::setFont(Font& ft)
```

```
{
```

```
textFont = ft;
```

```
}
```

```
void dropListDisplay::Paint(Draw& w,const Rect& r,const Value& q,Color ink,Color paper,dword style)const
```

```
{
```

```
paper = backColor;
```

```
ink = textColor;
```

```
w.DrawRect(r,paper);
```

```
w.DrawText(r.left + 2, r.top + (r.Height() - GetTextSize(AsString(q)),
```

```
textFont).cy)/2,AsString(q),textFont,ink);  
}
```

I load my own droplist display in the dialog window as follows:

```
{....  
dropListDisplay dlStatementDisplay;  
  
    dlStatementDisplay.setColors(Green(),White());  
    dlStatementDisplay.setFont(Arial(11).Bold());  
    qsSkillStmentDI.SetDisplay(dlStatementDisplay);  
  
    qsSkillStmentDI<<=THISBACK(ShowOpeNames);  
}
```

All is working perfectly (color and font correctly implemented) but I did not find how to set the item color to highlight the selected item in droplist, i.e. when the user clicks on a selected item, the color of the selected item remains unchanged.

<http://www.hostingpics.net/viewer.php?id=399709Droplist.jpg>

I tried to add some code to modify the Droplist style as described below:

```
static MultiButton::Style es = qsSkillStmentDI.StyleDefault();  
es.sep1 = Turquoise();  
qsSkillStmentDI.SetStyle(es);  
qsSkillStmentDI.Refresh();  
  
dlStatementDisplay.setColors(Green(),White());  
dlStatementDisplay.setFont(Arial(11).Bold());  
qsSkillStmentDI.SetDisplay(dlStatementDisplay);  
  
qsSkillStmentDI<<=THISBACK(ShowOpeNames);
```

As I ignore the meaning of the different fields in the MultiButton style structure, it is not easy to make modifications.

Somebody could explain how to deal with Droplist style ?

Thanks in advance for reply

Biobytes

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Subject: Re: How to change color of selected text in DropDownList ?

Posted by [mirek](#) on Fri, 29 Jun 2012 12:47:16 GMT

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You need to use either of Paint parameters:

Color paper

- this returns correct background color for given situation

dword style

- this returns the visual style

(or you can combine, e.g. use paper is style != 0 is quite a good option usually)

Check here:

[http://www.ultimatepp.org/src\\$Draw\\$Display\\$en-us.html](http://www.ultimatepp.org/src$Draw$Display$en-us.html)

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Subject: Re: How to change color of selected text in DropDownList ?

Posted by [BioBytes](#) on Sat, 30 Jun 2012 13:42:08 GMT

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Thank you for your help Mirek,

Which value for style parameter ? Does 0 mean standard behaviour ?

Thank you again for your support

Regards

Biobytes

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