
Subject: How to set the color of a row

Posted by [forlano](#) on Tue, 16 Jan 2007 20:46:53 GMT

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Hello,

this question regards both arrayctrl and gridctrl.

I know how to set the background color of a cell by using SetDisplay. But what to do to set the background color of a row?

Luigi

Subject: Re: How to set the color of a row

Posted by [unodgs](#) on Tue, 16 Jan 2007 21:29:04 GMT

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forlano wrote on Tue, 16 January 2007 15:46Hello,

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Luigi

GridCtrl:

```
grid.GetRow(22).Bg(Red);
```

Subject: Re: How to set the color of a row

Posted by [forlano](#) on Wed, 17 Jan 2007 11:06:07 GMT

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unodgs wrote on Tue, 16 January 2007 22:29forlano wrote on Tue, 16 January 2007 15:46Hello,

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Luigi

GridCtrl:

```
grid.GetRow(22).Bg(Red);
```

I've used it at runtime, not in the constructor, and I discovered that was necessary to add the instruction `grid.Repaint()` to see the new color. I guess this is normal.

Luigi

Subject: Re: How to set the color of a row
Posted by [unodgs](#) on Wed, 17 Jan 2007 11:28:50 GMT
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forlano wrote on Wed, 17 January 2007 06:06unodgs wrote on Tue, 16 January 2007 22:29

GridCtrl:

```
grid.GetRow(22).Bg(Red);
```

I've used it at runtime, not in the constructor, and I discovered that was necessary to add the instruction `grid.Repaint()` to see the new color. I guess this is normal.

Luigi

I think it has to be change. `Bg` and similar functions should refresh the grid. Calling `Repaint` is not optimal as it recalculate rows/columns (if needed) positions and repaint the whole content. I used `Bg` mainly in callbacks where calling refresh is not necessary as outer functions that call callbacks do this. Anyway it will be fixed before final release.

PS: It's better to call `RefreshRow(int n)` instead of `Repaint`

Subject: Re: How to set the color of a row
Posted by [forlano](#) on Mon, 07 Nov 2011 15:27:41 GMT
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Hello,

I used

```
grid.GetRow(x).Bg(Red);
```

to set red the color of some row of a `gridctrl` where the rows are white and blu depending of their parity
(`grid.ColorRows().EvenColor(SColorText, Blend(SColorMark, SColorPaper, 220));`) .
The red color depend of the value in a coloumn. So in some case the cell need to be set at its

default color.

How to remove the red color and leave the default color?

Thanks,
Luigi

Subject: Re: How to set the color of a row
Posted by [mirek](#) on Fri, 11 Nov 2011 13:12:03 GMT
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forlano wrote on Tue, 16 January 2007 15:46Hello,

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Luigi

ArrayCtrl: set background color to all cells of row

Anyway, it is as well possible and often more practical to use AttrText.

Mirek

Subject: Re: How to set the color of a row
Posted by [forlano](#) on Fri, 11 Nov 2011 13:42:12 GMT
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mirek wrote on Fri, 11 November 2011 14:12forlano wrote on Tue, 16 January 2007 15:46Hello,

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Luigi

ArrayCtrl: set background color to all cells of row

Anyway, it is as well possible and often more practical to use AttrText.

Mirek

Hello Mirek,

thank you for the reply. I am afraid you have answered to an old question .
The newest question regarded GridCtrl and how to remove at runtime a previously assigned color so that the default is applied. Perhaps for it I must wait Daniel.

Regards,
Luigi

Subject: Re: How to set the color of a row
Posted by [mirek](#) on Fri, 11 Nov 2011 14:20:36 GMT
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forlano wrote on Fri, 11 November 2011 08:42mirek wrote on Fri, 11 November 2011 14:12forlano wrote on Tue, 16 January 2007 15:46Hello,

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I know how to set the background color of a cell by using SetDisplay. But what to do to set the background color of a row?

Luigi

ArrayCtrl: set background color to all cells of row

Anyway, it is as well possible and often more practical to use AttrText.

Mirek

Hello Mirek,

thank you for the reply. I am afraid you have answered to an old question .
The newest question regarded GridCtrl and how to remove at runtime a previously assigned color so that the default is applied. Perhaps for it I must wait Daniel.

Regards,
Luigi

Ah I see. That is why I do not think it is a good idea to 'recycle' existing threads

Mirek

Subject: Re: How to set the color of a row
Posted by [Didier](#) on Fri, 11 Nov 2011 19:55:23 GMT
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Hi Forlano,

I had to do something approaching and I used a gridDisplay for it:

```
class BgColorGridDisplay : public GridDisplay
{
private:
    Color _bg; //(140, 140, 140);
public:

    BgColorGridDisplay(const Color color)
    : _bg(color)
    {}

    virtual void Paint(Draw &w, int x, int y, int cx, int cy, const Value &val, dword style,
        Color &fg, Color &bg, Font &fnt, bool found = false, int fs = 0, int fe = 0)
    {
        if (found)
        {
            GridDisplay::Paint(w,x,y,cx,cy,val,style,fg,bg,fnt,found,fs,fe);
        }
        else
        {
            GridDisplay::Paint(w,x,y,cx,cy,val,style,fg,_bg,fnt,found,fs,fe);
        }
    }
};
```

You can either remove the display to restore original color or enhance it to keep it from overwriting original color.

```
tabGrid.dataGrid.AddColumn("ColName", 110).SetDisplay( greyBgDisplay )
```

I use it in order to change bkgnd colour of only some columns while others are changed on cell value just like you.