Subject: FIX: StaticRect Color() method name clash
Posted by kohait00 on Wed, 15 Dec 2010 11:24:53 GMT
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hi all

StaticRect has got a Method

StaticCtrl.h:78

```
 StaticRect& Color(class Color c)                { Background(c); return *this; }
```

which is causing compile problems in own Ctrls based on StaticRect and using Color members.. because Color is then interpreted as method.

this should be changed to 'SetColor' or deleted completely..

EDIT: in fact, Scatter is filled with those 'class::Color' things exactly due to this. i think it should be corrected, otherwise the method is much more of a burden then a help.

EDIT: recompileing the ide,
Debugger/Dbg.cpp:198
Debugger/Pdb.cpp:178
About.cpp:31+33

 use Color() method

EDIT:
some things that additionally use .Color() method

uppsrc/Docedit
uppsrc/reference/Slider
uppsrc/reference/Frame

bazaar/FormEditor
bazaar/SplashSV

and a cuple of
Quote:
C:\uppsvn\uppdev\ErrorThread20070606\main.cpp(48): ctrl.Color(SWhite);
C:\uppsvn\uppdev\Frame3\main.cpp(7): r.Color(Blend(SColorShadow, SColorFace, 180));
C:\uppsvn\uppdev\GUISample1\main.cpp(14): F1.Color(Color(0x80, 0x80, 0x80));
C:\uppsvn\uppdev\Slider\main.cpp(30): dynarect.Color(SRed);
C:\uppsvn\uppdev\stdapp\stdappSplash.cpp(25):
parent.Add(widgets.Create<StaticRect>().Color(SPLASH_PAPER_COLOR).SizePos());
C:\uppsvn\uppdev\uppCanvas\main.cpp(7): bottom_left.Color(LtGray);
C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(119):   rect.Color(White);

C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(267):// scrollarea.work.Color(SRed); //not necessary... just to play with total...
C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(333): if (numlabel > 2) a[iboard[0]].rect.Color(White);
C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(337): a[board].rect.Color(Color(175,255,84)); // old return White
C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(342): if (numlabel > 2) a[iboard[1]].rect.Color(White);
C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(346): a[board].rect.Color(Color(175,255,84)); // old return White
C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(604): a[bb0].rect.Color(White);
C:\uppsvn\uppdev\VegaTeam5\ImproveColors.cpp(605): a[bb1].rect.Color(White);

cheers

Subject: Re: FIX: StaticRect Color() method name clash
Posted by kohait00 on Mon, 07 Mar 2011 10:03:44 GMT
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just to poke you again,
is there plans to fix this somehow?

Subject: Re: FIX: StaticRect Color() method name clash
Posted by mirek on Mon, 07 Mar 2011 22:09:26 GMT
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kohait00 wrote on Mon, 07 March 2011 05:03just to poke you again,
is there plans to fix this somehow?

Hm, it is a kind of small nuisance that we have learned to live with...

As it affects only the StaticCtrl itself (or derived classes), it is IMO not worth breaking BW compatibility.

Mirek

(I might sound too careful with BW, but you do not know the feeling when I am on maintainance session and have request to make adjustments to some application that was not compiled for 2 or 3 years...

Subject: Re: FIX: StaticRect Color() method name clash
Posted by kohait00 on Tue, 08 Mar 2011 07:32:21 GMT
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perfectly understand you..it's as always, in the balances, between cleaning code an keeping old stuff compileable.

after 2 or 3 years one easily can speak of 'porting'
i think making code clean is quite important as well, w.r.t newcomers espcially. in my case, i was struggeling with this thing for hours, since deriving from StaticRect created problems and didnt know why..before i realized the problem. never expected it there.
again, it's even a thing that gets messed up the longer it pervails in code, since others continue using the screwed API, and esecially this one is nasty, it pllutes the code with class::Color stuff everywhere. people are going to continu to ask in forum

cheers

EDIT: if desired i can send you a patch to what currently is affected in upp and bazaar...

Subject: Re: FIX: StaticRect Color() method name clash
Posted by kohait00 on Wed, 27 Apr 2011 07:32:30 GMT
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i'd even vote for kickin' the Color() method completely, Background is there..

it's a short pain worth the effort.

Subject: Re: FIX: StaticRect Color() method name clash
Posted by kohait00 on Tue, 12 Jul 2011 08:02:52 GMT
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poke

any chance to clean that out? code evolvement and cleanness is always in scales against BW compatibility. microsoft had this for years.. upp is small enough to grow a mature, clean and user friendly codebase. class::Color pitfalls are quite ugly...

we are doing quite large release cycles now, so why not considering this a 'major' fix, explicitly to be named in Changelog..

i can provide a patch for the whole upp directory (including bazaar)