Subject: CtrlCore.h const correctnes fixes
Posted by kohait00 on Sun, 12 Dec 2010 13:03:45 GMT
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hi there

i stumbled over some const correctnes issues in CtrlCore.h

CtrlCore.h:1177

```
 bool    HasMouseInFrame(const Rect& r) const;
```

this one is more problematic, since it is a virtual public
CtrlCore.h:1015

```
 virtual Rect   GetOpaqueRect() const;
 virtual Rect   GetVoidRect() const;
```

it implies changes to LabelBox and ParentCtrl, and TabCtrl

i haven't scanned bazaar for usage of theese 2

Subject: Re: CtrlCore.h const correctnes fixes
Posted by mirek on Sun, 12 Dec 2010 14:50:44 GMT
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HasMouseInFrame fixed, thanks

I am afraid we should not fix those virtuals. Or perhaps by adding const versions, being called by deprecated non-const ones?

Mirek

Subject: Re: CtrlCore.h const correctnes fixes
Posted by kohait00 on Sun, 12 Dec 2010 16:06:11 GMT
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i dont think it will work to provide depricated non const ones to call const ones, cause it is the non const ones, who are overriden in user code..and need to be called

i also see the point of keeping the code compatibility..
but code should get more and more mature..it's up to you, i just pointed to..i dont mind

EDIT
in bazaar there isn't any dependendent changes so far..
for the others, one might mention it in changelog, so the next releases are fixed accordingly

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Subject: Re: CtrlCore.h const correctnes fixes
Posted by mirek on Sun, 12 Dec 2010 16:48:40 GMT
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kohait00 wrote on Sun, 12 December 2010 11:06i dont think it will work to provide depricated non const ones to call const ones, cause it is the non const ones, who are overriden in user code..and need to be called

Correct. We at least would need to change the name too...

Quote:
i also see the point of keeping the code compatibility..
but code should get more and more mature..it's up to you, i just pointed to..i dont mind

Yep. I might reconsider. Still, it is not uppsrc/bazaar code I am afraid about...

Truth is that these are methods that only cover some very special issues of static widgets...

Mirek

Subject: Re: CtrlCore.h const correctnes fixes
Posted by kohait00 on Sun, 12 Dec 2010 17:20:28 GMT
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i think so too, they might only be used in some marginal cases..not a wide field affecting change

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Subject: Re: CtrlCore.h const correctnes fixes
Posted by mirek on Wed, 15 Dec 2010 14:02:23 GMT
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kohait00 wrote on Sun, 12 December 2010 12:20i think so too, they might only be used in some marginal cases..not a wide field affecting change

OK, it is now cont. Came to conclusion that these are in fact corner case paint process omptimizers, even if they are not defined, it is not going to affect too much.

Mirek
