Subject: does ImageCtrl position depends on dpi ?
Posted by chickenk on Thu, 17 Dec 2009 13:32:25 GMT

Hi everyone,

I design a small app under Ubuntu.

I am currently using the Layout Designer to design the layout of my app.

I want to display three images (successfully imported in my .iml) which are 32x32 pixels each,
vertically, and with no margin between them, like this:

```
 ----
| 1 |
|   |
 ----
| 2 |
|   |
 ----
| 3 |
|   |
 ----
```

On the layout designer, I create User Classes with ImgCtrl class and I make the borders touch
themselves. I checked in the text content of the layout file, everything is alright, I have 32 pixels
between each position.

But when launching the real app, I am disapointed to see they do not touch themselves anymore.

I then tried to change the DPI of my screen, and tada ! I can see that the relative position (in
pixels) between the ImgCtrls is not the same.

I believe this is because we are dependent on the dpi when positioning images.

How can I solve my problem ?

Here is the illustration at 96 dpi (original):

And at 72 dpi (images correctly touch themselves)

Thanks,
Lionel

Subject: Re: does ImageCtrl position depends on dpi ?
Posted by chickenk on Thu, 17 Dec 2009 15:24:21 GMT
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Sorry for bothering, I found the solution:

Ctrl::NoLayoutZoom()

Problem solved.

Lionel

Subject: Re: does ImageCtrl position depends on dpi ?
Posted by mirek on Sat, 19 Dec 2009 22:41:33 GMT
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..but you better fix your GUI font size. The whole issue is to accomodate various font sizes....

Subject: Re: does ImageCtrl position depends on dpi ?
Posted by chickenk on Sun, 20 Dec 2009 07:48:12 GMT
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luzr wrote on Sat, 19 December 2009 23:41..but you better fix your GUI font size. The whole issue is to accomodate various font sizes....
Thanks, I figured this out as well. But eventually I decided to keep the scaling stuff which is IMO a better solution, but I rescale the images to the controls sizes. The circles can look bigger, it's no big deal for me.

Thanks for answering though

Lionel

Subject: Re: does ImageCtrl position depends on dpi ?
Posted by mirek on Sun, 20 Dec 2009 12:47:30 GMT
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chickenk wrote on Sun, 20 December 2009 02:48luzr wrote on Sat, 19 December 2009 23:41..but you better fix your GUI font size. The whole issue is to accomodate various font sizes....

Thanks, I figured this out as well. But eventually I decided to keep the scaling stuff which is IMO a better solution, but I rescale the images to the controls sizes. The circles can look bigger, it's no big deal for me.

Thanks for answering though

Lionel

Exactly - that is the most correct solution.

Mirek