
Subject: [Feature request] Relative positioning
Posted by [rafiwui](#) on Fri, 11 Aug 2017 07:51:32 GMT
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Working on an app with resizable option I discovered that I am not able to resize/reposition the ctrls relative to their original set size/position.
What I am thinking about is a sizing/positioning option so the ctrls get resized/positioned like the following:

1. Original size
2. X-Size 1.5x
3. X-Size 2x
4. Y-Size 1.5x
5. X-Size 1.5; Y-Size 2x

Source code for these layouts (a bit formatted for clean review of the important things):

```
LAYOUT(button_bar, 450, 50)
ITEM(Button, generate, LeftPosZ( 10, 90).TopPosZ(10, 30))
ITEM(Button, previous, LeftPosZ(130, 90).TopPosZ(10, 30))
ITEM(Button, next,    LeftPosZ(230, 90).TopPosZ(10, 30))
ITEM(Button, cancel,  LeftPosZ(350, 90).TopPosZ(10, 30))
END_LAYOUT
```

```
LAYOUT(button_bar_biggerX, 675, 50)
ITEM(Button, generate, LeftPosZ( 15, 135).TopPosZ(10, 30))
ITEM(Button, previous, LeftPosZ(195, 135).TopPosZ(10, 30))
ITEM(Button, next,    LeftPosZ(345, 135).TopPosZ(10, 30))
ITEM(Button, cancel,  LeftPosZ(525, 135).TopPosZ(10, 30))
END_LAYOUT
```

```
LAYOUT(button_bar_biggestX, 900, 50)
ITEM(Button, generate, LeftPosZ( 20, 180).TopPosZ(10, 30))
ITEM(Button, previous, LeftPosZ(260, 180).TopPosZ(10, 30))
ITEM(Button, next,    LeftPosZ(460, 180).TopPosZ(10, 30))
ITEM(Button, cancel,  LeftPosZ(700, 180).TopPosZ(10, 30))
END_LAYOUT
```

```
LAYOUT(button_bar_biggerY, 450, 75)
ITEM(Button, generate, LeftPosZ( 10, 90).TopPosZ(15, 45))
ITEM(Button, previous, LeftPosZ(130, 90).TopPosZ(15, 45))
ITEM(Button, next,    LeftPosZ(230, 90).TopPosZ(15, 45))
ITEM(Button, cancel,  LeftPosZ(350, 90).TopPosZ(15, 45))
END_LAYOUT
```

```
LAYOUT(button_bar_bigger_mixed, 675, 100)
ITEM(Button, generate, LeftPosZ( 15, 135).TopPosZ(20, 60))
ITEM(Button, previous, LeftPosZ(195, 135).TopPosZ(20, 60))
ITEM(Button, next,    LeftPosZ(345, 135).TopPosZ(20, 60))
ITEM(Button, cancel,  LeftPosZ(525, 135).TopPosZ(20, 60))
END_LAYOUT
```

Like you can see in the code it is basically a pretty simple thing, because everything is scaled up/positioned multiplied by the same factor: the scaling factor of the resized window.

If you can give me a hint where to find the method(s) called when resizing the window, maybe I can fit the library to my needs and/or contribute a solution.

Please correct me if there is already something to achieve that but I didn't find anything.

See this thread also.

File Attachments

1)	upp_autoresize1.PNG	, downloaded 490 times
2)	upp_autoresize2.PNG	, downloaded 491 times
3)	upp_autoresize3.PNG	, downloaded 480 times
4)	upp_autoresize4.PNG	, downloaded 450 times
5)	upp_autoresize5.PNG	, downloaded 489 times
