Subject: ArrayCtrl force show scrollbars
Posted by cbpporter on Mon, 03 Jan 2011 21:05:46 GMT
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I am trying to use ArrayCtrl in a very Excel like style. I call HeaderObject().Absolute() before adding columns and then I set the preferred width in one step. The user is free to change the width. The problem that I am having is that the ArrayCtrl won't display the horizontal scroll bar until I manually adjust the width of a column.

Another smaller problem that I am having is that the array is slow to draw, scroll and resize columns. Any tips on speeding it up? Most cell have embedded controls and some have displays attached.

In the past I used the array inside a layout, which then was inserted into a TabCtrl. I had to write manual Layout code to place my controls, because once in the tab, all logical positions seemed to be ignored. Is there a way to use tabs and logical coordinates so that they scale based on the current size of the tab's panel?

Subject: Re: ArrayCtrl force show scrollbars
Posted by mirek on Sat, 08 Jan 2011 12:39:03 GMT
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cbpporter wrote on Mon, 03 January 2011 16:05I am trying to use ArrayCtrl in a very Excel like style. I call HeaderObject().Absolute() before adding columns and then I set the preferred width in one step. The user is free to change the width. The problem that I am having is that the ArrayCtrl won't display the horizontal scroll bar until I manually adjust the width of a column.

Do I understand you that this is feature request ("add AlwaysHorzSB() method to ArrayCtrl), not a bug report?

Quote:
Another smaller problem that I am having is that the array is slow to draw, scroll and resize columns. Any tips on speeding it up? Most cell have embedded controls and some have displays attached.

How many lines are in ArrayCtrl?

Mirek

Subject: Re: ArrayCtrl force show scrollbars
Posted by cbpporter on Fri, 14 Jan 2011 13:13:38 GMT
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Sorry for delay.

No, it is either a bug or I am using it wrong. I'll prepare a test case.

As for the number of items, 100-200. There are 4 bitmap draw operations per row, maybe that is the culprit.

Subject: Re: ArrayCtrl force show scrollbars
Posted by mirek on Fri, 14 Jan 2011 13:53:59 GMT
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cbpporter wrote on Fri, 14 January 2011 08:13Sorry for delay.

No, it is either a bug or I am using it wrong. I'll prepare a test case.

Excellent.

Quote:
As for the number of items, 100-200. There are 4 bitmap draw operations per row, maybe that is the culprit.

Well, perhaps it is a time optimize this a bit... (I mean in ArrayCtrl).

I hope to do it during resolving the bug demonstrated in the testcase

Mirek

Subject: Re: ArrayCtrl force show scrollbars
Posted by mirek on Sun, 16 Jan 2011 12:28:35 GMT
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mirek wrote on Fri, 14 January 2011 08:53

Well, perhaps it is a time optimize this a bit... (I mean in ArrayCtrl).

Spent a couple of hours optimizing. It should now behave quite well up to 10000 widgets...

Subject: Re: ArrayCtrl force show scrollbars
Posted by cbpporter on Mon, 17 Jan 2011 09:50:28 GMT
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Fantastic! Great job! In release mode it is now instant and in debug mode population of control is very fast, while scrolling seems to have not increased in speed.

Anyway, now ArrayCtrl is better than ever.

Here is a test case for the scrolling issue. Also, I find that scroll bar auto-hiding option is ignored and bars are hidden even if I don't want them to be (which is not the case).

PS: Not that this would be a personal issue or that this request makes any sense, but the NoWantFocus trick that works for Option does not work for DocEdit. Probably the same for LineEdit.

File Attachments
1) DHEditor2.zip, downloaded 283 times

Subject: Re: ArrayCtrl force show scrollbars
Posted by mirek on Mon, 17 Jan 2011 11:58:38 GMT
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cbpporter wrote on Mon, 17 January 2011 04:50Fantastic! Great job! In release mode it is now instant and in debug mode population of control is very fast, while scrolling seems to have not increased in speed.

That is weird, it was optimized as well...

Mirek

Subject: Re: ArrayCtrl force show scrollbars
Posted by cbpporter on Mon, 17 Jan 2011 12:05:24 GMT
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Only in debug mode. And populating the list is down from 2-3 seconds to instant. OK, probably scrolling is faster than before, but it is hard to tell. Release is great.

Subject: Re: ArrayCtrl force show scrollbars
Posted by mirek on Mon, 17 Jan 2011 19:27:54 GMT
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Primary issue now fixed.

cbpporter wrote on Mon, 17 January 2011 04:50
Also, I find that scroll bar auto-hiding option is ignored and bars are hidden even if I don't want them to be (which is not the case).

As default setting is to nohide for vertical and autohide for horizontal (and there was no setting for horizontal), I have added new methods for horizontal.

Quote:
PS: Not that this would be a personal issue or that this request makes any sense, but the NoWantFocus trick that works for Option does not work for DocEdit. Probably the same for LineEdit.

What trick? Just checked, NoWantFocus works for DocEdit as expected...

Mirek

Subject: Re: ArrayCtrl force show scrollbars
Posted by cbpporter on Wed, 19 Jan 2011 13:10:39 GMT
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Thank you!

Fixed.

As for NoWantFocus trick, if you do not use it on an Option in ArrayCtrl and you have multiple editing controls embedded in a row, it will not work. If you use it, it will work. But it had no effect on DocEdit. Meanwhile, two things happened:
1. The bug got somehow fixed and now I can add DocEdit
2. I no longer embed a DocEdit in an ArrayCtrl. Not a good design .
