Subject: GridCtrl - Child Ctrl, selected row, focus issue
Posted by kcabobert on Thu, 21 Jun 2007 03:28:31 GMT
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There appears to be an issue with GridCtrl related to child ctrls the selected row and focus in general.

How to replicate:

```
class myapp : public TopWindow {
  GridCtrl gridctrl;

public:
  myapp() {
    Add( gridctrl.SizePos() );
    gridctrl.AddIndex("thing_id");
    gridctrl.AddColumn("check","Check").Ctrls<Option>().Default(0);
    gridctrl.AddColumn("name","name");

    gridctrl.Add(0,0,"me");
    gridctrl.Add(1,0,"you");
    gridctrl.Add(2,0,"them");
    gridctrl.Add(3,0,"him");
  }

}
```

Compile the app.

a) Enter the GridCtrl, press the <space>, then <tab> twice, then <space>.

b) using the arrow keys, move up and down across all of the rows.

The result:
  a) The cell two above's checkbox will uncheck.

  b) as the cursor moves the box which are selected will change.

I an guessing something is not properly refreshing when WhenCtrls Action is called.

Thoughts?

Subject: Re: GridCtrl - Child Ctrl, selected row, focus issue
Posted by unodgs on Thu, 21 Jun 2007 06:55:27 GMT
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Quote:There appears to be an issue with GridCtrl related to child ctrls the selected row and focus

in general.

Thanks for the test case!. Bug is hopefuly fixed (I hope it wont break something else - grid is quite complicated). Before I put here the new GridCtrl (I'm almost done with NoEditable) comment IsNewCol() in Go0(...) in two places.

```
case GO_LEFT:
{
 if(!SetCursor0(curpos.x < 0 ? firstVisCol : curpos.x - 1,
    curpos.y < 0 ? firstVisRow : curpos.y,
    0, 0, -1, 0, ctrlmode)/*.IsNewCol()*/)
 return false;
 break;
}
case GO_RIGHT:
{
 if(!SetCursor0(curpos.x < 0 ? firstVisCol : curpos.x + 1,
    curpos.y < 0 ? firstVisRow : curpos.y,
    0, 0, 1, 0, ctrlmode)/*.IsNewCol()*/)
 return false;
 break;
}
```

Subject: Re: GridCtrl - Child Ctrl, selected row, focus issue
Posted by kcabobert on Thu, 21 Jun 2007 18:15:37 GMT
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Wonderful. That appears to have fixed it.

Now, an additional small question:

Should not EnterLikeTab() make <enter> actually behave like <tab>? In my particular case, I need for <enter> to actually just move to the next row, then on the last row pass focus onto the next ctrl.

Perhaps the best solution is to derive another class from GridCtrl so that I can just override 'Key' and make it behave as needed?

Subject: Re: GridCtrl - Child Ctrl, selected row, focus issue
Posted by unodgs on Thu, 21 Jun 2007 20:26:49 GMT
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kcabobert wrote on Thu, 21 June 2007 14:15Should not EnterLikeTab() make <enter> actually behave like <tab>? In my particular case, I need for <enter> to actually just move to the next row, then on the last row pass focus onto the next ctrl.

Perhaps the best solution is to derive another class from GridCtrl so that I can just override 'Key' and make it behave as needed?
Yes, EnterLikeTab makes enter to behave exactly the same way like tab except one thing. If under cursor is not shown control enter makes it visible and then pass focus to the next visible control.
Your case is very specific. Deriving new class is one solution, another one is to add callback which if is definied it is call instead of Key() body.