Subject: GridCtrl out-of-bound crash with test case
Posted by bushman on Sun, 29 May 2011 18:17:11 GMT
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Running the following code causes GridCtrl to crash:

ASSERT FAILED: Assertion failed in c:\upp\uppsrc\core\Vcont.h, line 33
i >= 0 && i < items

```
class Ma_app : public TopWindow {

 public:
 Ma_app() {

  Zoomable().Sizeable();

  for(int col = 0; col < 10; col++) {
   grid.AddColumn(Format("col %d", col));
   for(int row = 0; row < 10; row++) {
    grid.Set(row, col , "x");
   }
  }

      //VVVVVVVVVVV HERE COMES THE FAULT LINE VVVVVVVVVVVV
  grid.SelectRow(false).RowChanging(false);

  Add(grid.SizePos());
 }

 GridCtrl grid;
};

GUI_APP_MAIN
{
 Ma_app().Run();
}
```

Pressing Ctrl + LMB on a cell, just like when you do a Ctrl-selection, or anywhere in the grid, will trigger the exception.

What is GridCtrl::RowChanging(bool) for?
The crash happens when both GridCtrl::SelectRow and GridCtrl::RowChanging methods are combined.
Why? (bug?)

tks!

Subject: Re: GridCtrl out-of-bound crash with test case
Posted by unodgs on Tue, 31 May 2011 12:17:52 GMT
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Thanks!. It's fixed now and it will be commited today evening. RowChanging(false) simply doesn't allow to change row in grid (it is another kind of read-only grid, you cannot click on cell/row but grid is not grayed out)

Subject: Re: GridCtrl out-of-bound crash with test case
Posted by bushman on Tue, 31 May 2011 15:02:49 GMT
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Thanks for the patch and for the explanation!

Thank you also for promptly answering to my other post "GridCtrl help needed [message #32650]" in this very same section (newbie)!

Congratulations for your extremely versatile GridCtrl project!