
Subject: Problem with IsRowEditable

Posted by [koldo](#) on Wed, 09 May 2012 10:18:01 GMT

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Hello Daniel

Actual implementation is:

```
bool GridCtrl::IsRowEditable(int r)
{
    if(r < 0)
        r = curpos.y;
    else
        r += fixed_rows;

    return vitems[r].editable && hitems[curpos.x].editable;
}
```

I have found possible to call IsRowEditable() with r = -1 and curpos.y = -1, so an exception is thrown because of vitems[-1].

May you check this case in the function?

Subject: Re: Problem with IsRowEditable

Posted by [unodgs](#) on Wed, 09 May 2012 10:37:29 GMT

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koldo wrote on Wed, 09 May 2012 06:18Hello Daniel

I have found possible to call IsRowEditable() with r = -1 and curpos.y = -1, so an exception is thrown because of vitems[-1].

Please describe step by step how to achieve such a grid state, only then I will be able to fix it.

Subject: Re: Problem with IsRowEditable

Posted by [koldo](#) on Wed, 09 May 2012 13:34:21 GMT

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unodgs wrote on Wed, 09 May 2012 12:37koldo wrote on Wed, 09 May 2012 06:18Hello Daniel
I have found possible to call IsRowEditable() with r = -1 and curpos.y = -1, so an exception is thrown because of vitems[-1].

Please describe step by step how to achieve such a grid state, only then I will be able to fix it.
Hello Daniel

That is going to be very difficult as it happened when moving a row. Anyway I will try to get that again.

Subject: Re: Problem with IsRowEditable
Posted by [koldo](#) on Mon, 21 May 2012 07:58:25 GMT
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Hello Daniel

Problem found (not the solution). I enclose you a super simple test case.

```
GridCtrlDragtest::GridCtrlDragtest()
{
    CtrlLayout(*this, "Window title");

    grid.ResizeColMode(0);
    grid.Inserting().Appending().Removing().Editing().Duplicating().Clipboard().SetToolBar()
        .EvenColor().MovingRows(1).Dragging().DrawFocus().ColoringMode(2)
        .SetCursor(0);

    grid.AddColumn("First");
    grid.AddColumn("Second");

    grid.Clear(); // Problem appears if this line is set
    grid.Add("Hello", "World");
    grid.Add("Hello2", "World2");
}

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

When dragging second line before first line it says "Moving row 2 before row 0". It should have to say "row 1". After that the exception appears. If I remove the Clear(), everything works perfect.

File Attachments

- 1) [dib.PNG](#), downloaded 557 times
- 2) [GridCtrlDragtest.7z](#), downloaded 335 times

Subject: Re: Problem with IsRowEditable
Posted by [unodgs](#) on Mon, 21 May 2012 14:16:50 GMT
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Thank you for a great testcase! Bug hopefully fixed The only thing I worry about is if that fix didn't break some other corner cases... but we will see

Subject: Re: Problem with IsRowEditable
Posted by [koldo](#) on Mon, 21 May 2012 16:18:17 GMT

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Thank you Daniel. I did what I could
