
Subject: GridCtrl problem
Posted by [koldo](#) on Fri, 24 Apr 2009 22:26:36 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello unodgs

I like GridCtrl but I have sometimes problems.

I have not found the way to reproduce them but I have taken some screenshots that I enclose you. hitems[] size is 4 and hcol is 5 so when doing hitems[hcol] an exception is thrown.

Thank you
Koldo

File Attachments

1) [Doc1.pdf](#), downloaded 422 times

Subject: Re: GridCtrl problem
Posted by [unodgs](#) on Sat, 25 Apr 2009 08:28:56 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks. I'll try to find it. Are you able to tell what are you doing when grid crashes?

Subject: Re: GridCtrl problem
Posted by [koldo](#) on Sat, 25 Apr 2009 15:12:48 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello unodgs

It is difficult for me to find the root cause. I have got the exception in three places, always trying to access hitems[] elems over its scope and always when moving the mouse over the Grid time after the Grid is filled with data.

I suppose this is circumstantial, but I usually use grids with few rows but hundreds of columns.

I have began to enclose the code with problems with `if (hitems.GetCount() > hcol) {`

```
...  
} This is not the solution but it lets me follow.
```

Best regards
Koldo

File Attachments

1) [Screen.JPG](#), downloaded 418 times



- Core
- CtrlCore
- CtrlLib
- Draw
- DropGrid
- GridCtrl
- PdfDraw
- RichText
- Web
- plugin\bmp
- plugin\gif
- plugin\jpg
- plugin\png
- plugin\z
- zLibs\Scatter
- zLibs\Mathlib
- zLibs\Scatter...
- zLibs\SysInfo
- zLibs\Tcc
- <prj-aux>
- <ide-aux>

Ecuations.c DoeEval.h Mathlib.cpp DoeEval.cpp DoeEval_Parse.cpp DoeEval_Gen.cpp Tcc.h

```

void GridCtrl::UpdateHighlighting(int mode, Point p)
{
    if(resize_paint_mode < 1 && (resizeCol || resizeRow))
        return;

    bool refresh = false;

    if(mode == GS_UP)
    {
        if((p.x < 0 || p.x > GetSize().cx - 1) && hcol >= 0 && hitems[hcol].IsHighlighting())
        {
            hitems[hcol].Highlight(0);
            refresh = true;
            hcol = -1;
        }
    }
    else if(mode == GS_MOVE)
    {
        int col = GetMouseCol(p, true, true, false);
        int row = hrow = GetMouseRow(p, false, true, true);

        if(hcol >= 0 && (hcol != col || row != 0) && hitems[hcol].IsHighlighting())
        {
            hitems[hcol].Highlight(0);
            refresh = true;
        }
        if(col >= 0 && row == 0 && !hitems[col].IsHighlighting())
        {
            hitems[col].Highlight(1);
            hcol = col;
            refresh = true;
        }
    }
    else if(mode == GS_POPUP)
    {

```

Upp::AssertFailed(file=9c9ad4 "c:\desarrollo\upp\...
Upp::Vector<Upp::GridCtrl::ItemRect>::Get(i=304)
Upp::Vector<Upp::GridCtrl::ItemRect>::operator[](
Upp::GridCtrl::UpdateHighlighting(mode=1, p={ x=3
Upp::GridCtrl::MouseMove(p={ x=3, y=3 }, keyflag
Upp::Ctrl::MouseEvent(event=32 '', p={ x=3, y=3
Upp::Ctrl::MouseEventH(event=32 '', p={ x=3, y=
Upp::Ctrl::MouseEvent0(e=32 '', p={ x=3, y=3 }, zd=0
Upp::Ctrl::DispatchMouseEvent(e=32 '', p={ x=5, y
Upp::Ctrl::DispatchMouseEvent(e=32 '', p={ x=5, y
Upp::Ctrl::DispatchMouseEvent(e=32 '', p={ x=9, y
Upp::Ctrl::DispatchMouseEvent(e=32 '', p={ x=9, y
Upp::Ctrl::DispatchMouseEvent(e=32 '', p={ x=15,
Upp::Ctrl::DispatchMouse(e=32 '', p={ x=27, y=40
Upp::Ctrl::DoMouse(e=32 '', p={ x=27, y=40 ('),
Upp::Ctrl::WindowProc(message=512, wParam=0, l

Autos	Locals	Watches	Explorer	Memory
col	1			
hcol	304			
hitems	{ vector=22b0048->{ items=1378dc, parent=13785c, edits=137958, level=0, ctrl={ prec=0 }, convert=0, di			
row	0			

Subject: Re: GridCtrl problem
 Posted by unodgs on Thu, 14 May 2009 11:56:39 GMT

[View Forum Message](#) <> [Reply to Message](#)

koldo wrote on Sat, 25 April 2009 11:12Hello unodgs

It is difficult for me to find the root cause. I have got the exception in three places, always trying to access hitems[] elems over its scope and always when moving the mouse over the Grid time after the Grid is filled with data.

I suppose this is circumstantial, but I usually use grids with few rows but hundreds of columns.

```
I have began to enclose the code with problems with if (hitems.GetCount() > hcol) {  
...  
} This is not the solution but it lets me follow.
```

Best regards

Koldo

This is workaround. The problem is hcol should never point to not existing column. I guess the problem is in GetMouseCol. Could you pleas post workable test case similar to your real app?

Subject: Re: GridCtrl problem

Posted by [koldo](#) on Thu, 14 May 2009 14:10:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello unodgs

I will try it. Now is not a good time as I am using the program with other people so I do not want it to crash.

But of course the way to solve the problem is to begin with preparing a test case.

Best regards

Koldo
