Subject: Range paste for GridCtrl
Posted by nixnixnix on Fri, 16 Mar 2007 15:26:33 GMT
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I can edit cells having added edit ctrls to each column. However, I can't select rectangular regions and more importantly, the paste only appears to work inside the edit control. When I try to paste a range of cells that I've copied from Excel, nothing happens.

Is there something I'm missing or is the paste function not implemented yet? Seems like if you could copy and paste from Excel then everything else is easy. If its not implemented I don't understand why the paste menu is there. Also, when I select two cells in a column the cells in the adjacent column get selected (I've turned off row select).

GridCtrl looks great and I realise its probably still under development.

Cheers,

Nick

Subject: Re: Range paste for GridCtrl
Posted by unodgs on Fri, 16 Mar 2007 20:40:56 GMT
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nixnixnix wrote on Fri, 16 March 2007 11:26I can edit cells having added edit ctrls to each column. However, I can't select rectangular regions and more importantly, the paste only appears to work inside the edit control. When I try to paste a range of cells that I've copied from Excel, nothing happens.

Hold ctrl to make recatngural selection.
Pasting text and excel is unavailable now (lack of time..) but it will be implemented after releasing 2007.1. If you see at Paste routine you'll find //todo (add a proper code if you want there)

```
GridClipboard gc = GetClipboard();
if(gc.data.IsEmpty())
{
 if(IsClipboardAvailableText())
 {
  Vector<String> lines = Upp::Split(ReadClipboardText(), '\n');
  for(int i = 0; i < lines.GetCount(); i++)
  {
   Vector<String> cells = Upp::Split(lines[i], ' ');
   //todo..
  }
 }
 return;
}
```

Quote:
If its not implemented I don't understand why the paste menu is there. Also, when I select two cells in a column the cells in the adjacent column get selected (I've turned off row select).

Something to fix. I will take a look ASAP.
Quote:
GridCtrl looks great and I realise its probably still under development.

Yes, but in current form it should be quite stable and usable. I will write a better documentation soon to show you the all hidden power

PS: I have merging cells in 60% implemented - this will be next major future.
PS2: Thanks for reporting bugs!

Subject: Re: Range paste for GridCtrl
Posted by nixnixnix on Fri, 16 Mar 2007 21:42:28 GMT
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Thanks, yes I see it now.

Am tempted to have a go at writing something myself just now as I can see the values from my excel copy coming through loud and clear

Perhaps if I get it working the way I want, I'll post it here s you have the option of tidying it up and including it in a future release

BTW (sliding off topic) as there is no TRACE in UPP, I am currently debugging with PromptOK(). Is the something better?

anyway inserting the code below and pasting 2x2 cells from excel makes it pretty obvious what is going on

```
GridClipboard gc = GetClipboard();
if(gc.data.IsEmpty())
{
 if(IsClipboardAvailableText())
 {
  Vector<String> lines = Upp::Split(ReadClipboardText(), '\n');
  for(int i = 0; i < lines.GetCount(); i++)
  {
   Vector<String> cells = Upp::Split(lines[i], '\t'); // tab not space
   //todo..
   //###################################### my code - remove later
   PromptOK("new line");
```

```
    for(int j=0;j<cells.GetCount();j++)
    {
     String s = Format("##%s##",cells[j]);
     PromptOK(s);
    }
    //#####################################
   }
  }
  return;
 }
```

I will continue and get it the way I want it then post and you can see if you think its worth including.

Cheers for setting me on the path

Nick

Subject: Re: Range paste for GridCtrl
Posted by nixnixnix on Fri, 16 Mar 2007 22:07:06 GMT
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ok here is my code

```
void GridCtrl::Paste(int mode)
{
 if(!clipboard)
  return;

 GridClipboard gc = GetClipboard();
 if(gc.data.IsEmpty())
 {
  if(IsClipboardAvailableText())
  {
   Point start(curpos);
   int ncol,nrow;

   Vector<String> lines = Upp::Split(ReadClipboardText(), '\n');
   for(int i = 0; i < lines.GetCount(); i++)
   {
    Vector<String> cells = Upp::Split(lines[i], '\t'); // tab not space
    for(int j=0;j<cells.GetCount();j++)
    {
```

```
    ncol = start.x + j - 1;
    nrow = start.y + i - 1;

    this->Set(nrow, ncol, cells[j]);
   }
  }
 }
 return;
}
```

seems to work fine

Nick

Subject: Re: Range paste for GridCtrl
Posted by nixnixnix on Sat, 17 Mar 2007 00:14:00 GMT
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here's something - I get this warning

warning: inline function `Upp::Item& Upp::GridCtrl::GetItem(int, int)' used but never defined

you seen that? easy to fix?

Nick

Subject: Re: Range paste for GridCtrl
Posted by unodgs on Sun, 18 Mar 2007 15:55:47 GMT
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Thanks for the '\t'! Unfortunately I can't directly use your code as it must respect callbacks (WhenInsert/UpdateRow etc). But I'll try to add it before next release.

Subject: Re: Range paste for GridCtrl
Posted by unodgs on Sun, 18 Mar 2007 21:01:44 GMT
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unodgs wrote on Sun, 18 March 2007 11:55Thanks for the '\t'! Unfortunately I can't directly use your code as it must respect callbacks (WhenInsert/UpdateRow etc). But I'll try to add it before next release.

Ok. Added.

PS: Could you post any screenshots regarding adjacent cell selection problem. I can't reproduce it.. (what version do you use?)

Subject: Re: Range paste for GridCtrl
Posted by nixnixnix on Tue, 20 Mar 2007 16:20:14 GMT
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I am using 2007.1rc3

in the screen capture below, I selected only cells in the left most column.

perhaps I have a setting wrong?

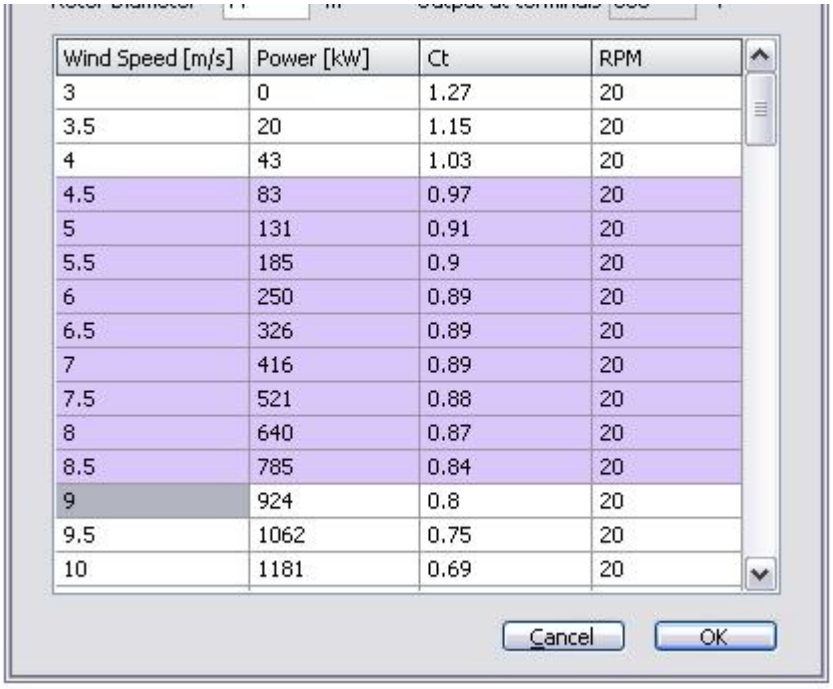
BTW, I've noticed that for pasting from tables in Adobe PDFs, the space is the correct separator (as you originally had it). Would it be possible for the new version to use both? So it would split rows based on newline and split cells based on space or tab?

Cheers, keep up the good work anything I can do to help, just let me know,

Nick

File Attachments

1) grid_select.JPG, downloaded 1543 times



Wind Speed [m/s]	Power [kW]	Ct	RPM
3	0	1.27	20
3.5	20	1.15	20
4	43	1.03	20
4.5	83	0.97	20
5	131	0.91	20
5.5	185	0.9	20
6	250	0.89	20
6.5	326	0.89	20
7	416	0.89	20
7.5	521	0.88	20
8	640	0.87	20
8.5	785	0.84	20
9	924	0.8	20
9.5	1062	0.75	20
10	1181	0.69	20

Cancel OK

Subject: Re: Range paste for GridCtrl
Posted by unodgs on Tue, 20 Mar 2007 19:01:22 GMT
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Quote:BTW, I've noticed that for pasting from tables in Adobe PDFs, the space is the correct separator (as you originally had it). Would it be possible for the new version to use both? So it would split rows based on newline and split cells based on space or tab?
Yes, but how to distinguish which one is correct - the only information I have is the text clipboard is available. Probably both adobe and excel store clipboard in native formats. I have to investigate.

As for the bug: how do you select the cells. Do you hold shift? or ctrl + mouse? the first one selects block like in the text editor the second makes rectangular selection (BTW: In my internal version it is possible to make rect. sels with ctrl and cursors). If you press ctrl and use mouse please put your code reffering to grid initialization (adding columns, setting properties) here.

Subject: Re: Range paste for GridCtrl
Posted by nixnixnix on Sun, 04 Nov 2007 03:33:38 GMT
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Thanks Daniel,

The ctrl + cursor works good (if a little non-standard) but when I go to cut and paste, only the last value out of my selection gets pasted to the new location and only one cell when I cut a whole

column of 26 cells.

Is this by design? Is there a way to cut and paste multiple selections please?

Nick

Subject: Re: Range paste for GridCtrl
Posted by unodgs on Mon, 05 Nov 2007 12:17:56 GMT
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Hi!
Could you explain step by step what should I do to reproduce the incorrect behaviour. I don't exactely know what you mean. Right now I don't see any errors in copy & pasting.

Subject: Re: Range paste for GridCtrl
Posted by nixnixnix on Fri, 09 Nov 2007 21:42:50 GMT
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Its only when I have one-click edit enabled. I'm not sure it is a problem. If you want users to be able to copy and paste then all one needs to do is disable one click edit. I just disabled it and its fine.

Nick

Subject: Re: Range paste for GridCtrl
Posted by fuqr on Thu, 03 Jan 2008 02:23:05 GMT
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Dear Nick,
I also met the problem of cutting & pasting multiple selections. I'm interested in your workaround: "disable one-click edit disable". But could you please explain how to disable "one-click edit" ?
Thanks in advance,
Qinrong

Subject: Re: Range paste for GridCtrl
Posted by unodgs on Thu, 03 Jan 2008 07:35:36 GMT
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Please write about your problems. I started to fix copy/pasting yesterday and I'll be glad to fix all your bugs

---

Subject: Re: Range paste for GridCtrl
Posted by fuqr on Thu, 03 Jan 2008 09:10:04 GMT
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Thanks Daniel,
Please refer to my question:
"Repeated Question: How to use Clipboard in DB(SqLite3)? [message #13331]".
I saw this issue (Range paste for GridCtrl) is related to my question and I'm interested in Nick's workaround.

Best Regards,
Qinrong

Subject: Re: Range paste for GridCtrl
Posted by nixnixnix on Thu, 03 Jan 2008 13:10:39 GMT
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Hi Qinrong,

The easiest way to disable one-click edit is to not tick it in the layout designer.

The other way is to use

GridCtrl::OneClickEdit(false);

It just means that you have to double-click to start editing a cell rather than editing starting as soon as you click on a cell. Its not much of a workaround really. It just makes selecting cells easier.

Really though, Daniel is the author of the GridCtrl and it is his baby so you should look to him for real solutions, especially as he is seeking input just now on how copy-paste behaviour should work.

Happy new year everyone,

Nick

Subject: Re: Range paste for GridCtrl
Posted by unodgs on Thu, 03 Jan 2008 23:10:14 GMT
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Ok. Pasting should work ok now. At least in HomeBudget does. Tomorrow it should be in svn. Please try it. There may still be some bug though

Subject: Re: Range paste for GridCtrl
Posted by fuqr on Fri, 04 Jan 2008 01:55:42 GMT
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Thanks Nick and Daniel,
I'll try the updated svn later.

Best Regards,
Qinrong