Subject: DropGrid, DropTree dynamic update.
Posted by Lance on Mon, 14 Mar 2011 05:27:22 GMT
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Can DropGrid be configured to something like this effect:
1. There is an edit area, just like a regular edit, it display the Format'ted text as was before the edit start.

2. When user enters some text, it has some mechanism to allow Libary user's program to update/filter data to be displayed as candidates of choice accordingly, or at least it can hide currently populated rows that don't match user input.

3. Even better, the dropdown is polymorphic. When there are too many candiates, it may be easier to put in a TreeView, and when user input has filtered out but a limited number, a list may make more sense.

By the way, the DropGrid example included with U++ package is very impressive. I particularly like the capability to set display columns and value columns (you can choose to hide the actual value column, eg, ID make a lot of sense to database but means little to end user. Unfortunately it uses a button to trigger dropdown. A user should be able to click the little triangle to the right or use certain key combination to show the popdown list.

Please let me know the current implementation can be adapted to these behaviour without heavy coding.

Thanks,

Lance

Subject: Re: DropGrid, DropTree dynamic update.
Posted by koldo on Mon, 14 Mar 2011 08:21:21 GMT
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I like it. Just 1 + 2 is enough for me

Subject: Re: DropGrid, DropTree dynamic update.
Posted by Lance on Fri, 08 Apr 2011 01:05:44 GMT
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I figured out that I could use DropGrid::SearchHideRows() and DropGrid::SetValueColumn(int col) to achieve something similar to what I requested above.

However, I cannot use Up arrow and Down arrow to navigate items and cannot use Enter to select a currently selected one. It would be desirable if I can do without using mouse.

Anybody has a clue which flag(s) I should enable or something like that?

Thanks,
Lance

Subject: Re: DropGrid, DropTree dynamic update.
Posted by unodgs on Fri, 08 Apr 2011 06:11:31 GMT
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Lance wrote on Mon, 14 March 2011 01:27
Can DropGrid be configured to something like this effect:
1. There is an edit area, just like a regular edit, it display the Format'ted text as was before the edit start.
2. When user enters some text, it has some mechanism to allow Libary user's program to update/filter data to be displayed as candidates of choice accordingly, or at least it can hide currently populated rows that don't match user input.

This is not possible in current version. But you seem not to be first who would like to have possibility to edit text. I'll think about it.
Quote:
3. Even better, the dropdown is polymorphic. When there are too many candiates, it may be easier to put in a TreeView, and when user input has filtered out but a limited number, a list may make more sense.

GridCtrl which is used to display the drop list doesn't support tree view (this is something I also wanted to implement long time ago)
Quote:
By the way, the DropGrid example included with U++ package is very impressive. I particularly like the capability to set display columns and value columns (you can choose to hide the actual value column, eg, ID make a lot of sense to database but means little to end user.

I'm glad you like the DropGrid
Quote:
Unfortunately it uses a button to trigger dropdown. A user should be able to click the little triangle to the right or use certain key combination to show the popdown list.

I don't understand. What's wrong with trigger button? I guess you miss automatic list showing when user starts typing?

I'm working right now on the second version of my application which uses DropGrid and GridCtrl a lot and maybe I will be able to implement some of your features (especially point 1)

Subject: Re: DropGrid, DropTree dynamic update.
Posted by Lance on Fri, 08 Apr 2011 12:22:48 GMT
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unodgs:

Thank you very much!

And here is another feature I need: a callback for WhenSelect

Senario:
I have a DropGrid where a user can select an item either by mouse or keyboard (currently, I cannot do it with keyboard only!). When A selection is made, my application needs to take action accordingly.

Let's say, the list are a bunch of URLs, and the action is to load the webpage. Now what callback should I hook to? WithDropChoice, which is similar but more basic to DropGrid, has a WhenSelect callback, this provides opportunity for proper library user intervention which I am missing from DropGrid.

Or should I take another route, or DropGrid is not designed to be used in this situation?

Thank you again. Indeed DropGrid is a very useful widget.

Subject: Re: DropGrid, DropTree dynamic update.
Posted by unodgs on Fri, 08 Apr 2011 13:03:01 GMT
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Lance wrote on Fri, 08 April 2011 08:22unodgs:
And here is another feature I need: a callback for WhenSelect

You should use WhenAction. It's fired when selection changes.

Subject: Re: DropGrid, DropTree dynamic update.
Posted by Lance on Fri, 08 Apr 2011 13:28:47 GMT
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Thanks. It worked!

Subject: Re: DropGrid, DropTree dynamic update.
Posted by Lance on Fri, 08 Apr 2011 13:42:53 GMT
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Now it's very close to what I desire from a DropGrid.

I also find I could navigate using arrow keys (I remember I couldn't last time I tried), but I still cannot make selection using Enter key; I have to click the intended item with mouse. It would be nice if I can choose to do it with keyboard only.

Is it possible with the current version of DG?

Thanks!
Lance

Subject: Re: DropGrid, DropTree dynamic update.
Posted by Lance on Sat, 25 Jun 2011 02:10:49 GMT
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Update:

The "problem" that you cannot select item and close the DropGrid with Enter key (have to use mouse-left-click at present) actually has to do with the Key virtual function of GridCtrl:

```
bool GridCtrl::Key(dword key, int)
{
 if(!IsReadOnly())
 switch(key)
 {
  case K_ENTER:
   ClearSelection();
   #ifdef LOG_CALLBACKS
   LGR(2, "WhenEnter()");
   WhenEnter();//<-****THIS LINE****
   #endif
```

Move the WhenEnter(); line out of #ifdef #endif block will fix the problem.

Subject: Re: DropGrid, DropTree dynamic update.
Posted by unodgs on Sun, 26 Jun 2011 09:21:22 GMT
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Quote:The "problem" that you cannot select item and close the DropGrid with Enter key (have to use mouse-left-click at present) actually has to do with the Key virtual function of GridCtrl

Thanks! This is obviously a bug. Now in svn.

Subject: Re: DropGrid, DropTree dynamic update.
Posted by Lance on Sun, 26 Jun 2011 13:21:32 GMT
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You are very welcome.

Any progress on Edit+PopupGrid combination?

Subject: Re: DropGrid, DropTree dynamic update.
Posted by unodgs on Tue, 19 Jul 2011 20:54:38 GMT
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Lance wrote on Sun, 26 June 2011 09:21
Any progress on Edit+PopupGrid combination?
Unfortunately no.. But I have it on my todo list