Subject: tracking GridCtrl selection
Posted by bushman on Thu, 02 Jun 2011 17:01:21 GMT
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Please bear in mind that I'm totally newbie in using
GridCtrl, when considering the folowing questions:

Is there a way to track selections in a GridCtrl?
I mean, some method like
Point GetSelectionBegin()
or

Point Get SelectionEnd()

, which returns the (col, row) coordinates for the
selection begin and selection end, respectively.
Unless I'm mistaken, I didn't see any GridCtrl method
that does it, while browsing GridCtrl with Assist.
Apparently, the only public methods related to selection
tracking are GetSelectedCount(), GetSelectedItemsCount()
and GetSelectionData(), which I assume return the number of
rows selected, the number of cells selected and the
selected data, respectively, allthough I do not have
the slightest idea on how to use the third one to retrieve
selected data.
BTW, method GetSelectedItemsCount() returns different
results to the selection count, depending whether you do either
a CTRL+LMB or a Shift+LMB selection (they differ by 1).
In other words, how can I walk through a selection path in GridCtrl,
checking each selected cell content, cell state, etc.,
one by one, once
a user finishes making a selection with the mouse?

Help appreciated, thanks in advance

Subject: Re: tracking GridCtrl selection
Posted by unodgs on Tue, 07 Jun 2011 06:21:43 GMT
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You can iterate over all cells:

```
for(int i = 0; i < grid.GetCount(); i++)
  for(int j = 0; j < grid.GetColumnCount(); j++)
  {
```

```
    if(grid.IsSelected(i, j))
    {
        ... do anything ...
    }
  }
```

for checking rows only or you can use this macro

```
FOREACH_SELECTED_ROW(grid)
{
  PromptOK(Format("Selected row: %d", grid.GetCurrentRow()));
  ... do my code...
}
```

As you noticed you can also retrieve number of selected rows/cells:

```
int selectedRows = grid.GetSelectedCount();
int selectedCells = grid.GetSelectedItemsCount();
```

Quote:
CTRL+LMB or a Shift+LMB selection (they differ by 1)

Thanks. I'll try to fix that.

There are no GetSelectionBegin/End() methods (what should they return if there are multiple selections?)

Subject: Re: tracking GridCtrl selection
Posted by unodgs on Sun, 26 Jun 2011 10:46:40 GMT
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Quote:CTRL+LMB or a Shift+LMB selection (they differ by 1)
Selected items counter was indeed too small (3 insted of 4 for example) if user clicked on cell and then clicked on another cell holding control key. Now this is fixed. I'm not sure if that fixes your case so please check and if something is still wrong please write how to reproduce it step by step.
