Subject: How set read-only state to a editable column?
Posted by nicomesas on Thu, 28 Sep 2006 09:22:47 GMT
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Hi!
I have a ArrayCtrl with a list of data in which the two first entrances cannot be touched, are read-only. The other rows are read-write and can be removed.

Then, I can't know how to do this: to indicate to the ArrayCtrl that the two first rows are of read only.

the ArrayCtrl are defined :

....
theList.WhenEnterRow = THISBACK(TheListEnterRow);
...
theList.AddColumn(t_("data field")).Edit(editGrid) ;
...
...

Here we have the comented function WhenEnterRow.

```
void myDlg::TheListEnterRow()
{
  int row = theList.GetCursor() ;
  theList.Removing( row > 1 ) ; // do not remove the first 2 rows
  // with this test screen is not beauty because I cant enter in the edit field but i can't modify it
  editGrid.SetEditable(row > 1) ;

  // this other test is not good, the row entirely is disabled
  editGrid.Enable(row > 1) ;

  //This example is not good either since function YesClickEdit I have written
  // and in addition she only prevents the fact to publish when I do click.
  // I continue being able to publish with Ctrl+Enter
  if (row > 1)
    theList.ColumnAt(1).YesClickEdit() ;
     // in CtrlLib/ArrayCtrl.h I Added
     // Column& YesClickEdit() { clickedit = true; return *this; }
  else
     theList.ColumnAt(1).NoClickEdit() ;

  // With this other example the result is catastrophic. Everything works bad
  if (row > 1)
    theList.ColumnAt(1).Edit(editGrid) ;
  else
```

```
    theList.ColumnAt(1).NoEdit() ;

  // In CtrlLib/ArrayCtrl.cpp I Added
  //ArrayCtrl::Column& ArrayCtrl::Column::NoEdit()
  //{
  //  if (edit) {
  //    arrayctrl->RemoveChild(edit) ;
  //    edit = NULL ;
  //  }
  //  return *this;
  //}
}
```

I believe that the best thing would be to intercept the StartEdit function so that it recognizes a read-only column/row, that seems to you?

Nico

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Thu, 28 Sep 2006 09:58:09 GMT
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I believe that the best option is to establish two new functions in CtrlLib/ArrayCtrl.h

```
  bool editing:1 ; // Set to true in the constructor
  ArrayCtrl& Editing( bool b = true )          { editing = b; return *this ; }
  ArrayCtrl& NoEditing()                     { return Editing(false) ; }
```

and to modify the function in CtrlLib/ArrayCtrl.cpp of the following way

```
bool ArrayCtrl::IsEditing() const {
  if (editing) // line added
    for(int i = 0; i < column.GetCount(); i++)
      if(column[i].edit) return true;
  return false;
}
```

I'm testing this and work fine

Nico

Subject: Re: How set read-only state to a editable column?
Posted by mirek on Fri, 29 Sep 2006 12:52:36 GMT
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You are not required to provide editor for column. So perhaps just removing .Edit would work.

Anyway, if you want it to "look" edit, you can always set the editor to ReadOnly mode.,

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Fri, 29 Sep 2006 13:56:38 GMT
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Quote:You are not required to provide editor for column. So perhaps just removing .Edit would work.

I do not understand to you well. Can you write a pair of lines of code so that I cant understand you?

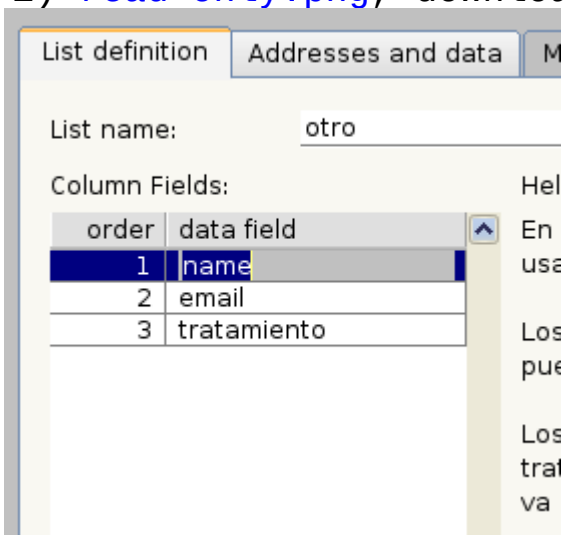
Quote:Anyway, if you want it to "look" edit, you can always set the editor to ReadOnly mode.

This was my first idea, but although sige is read-only receiving the center and visually it is very ugly.

Nico

File Attachments

1) read-only.png, downloaded 2729 times



Subject: Re: How set read-only state to a editable column?
Posted by mirek on Sun, 01 Oct 2006 16:49:11 GMT
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OK, but what would not be "visually ugly" here? I see this visual representation as the only possible one...

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Mon, 02 Oct 2006 08:10:37 GMT
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What he would not be "ugly here", according to my to seem, is that the way edition cancelled when entering a line read-only.

What happens in fact is that in this example only there is an editable column. So that the effect that I look for is possible must have capacity to be able to edit each column individually and it seems to me that this is not possible with the ArrayCtrl, since when begins to publish, they appear all the columns in edit mode.

Recently (2 years ago) that I developed to a "gridControl" for another project GNU in Borland C++. I am going to try write an example and I will send it to you. I hope to be able today.

Nico

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Mon, 02 Oct 2006 10:01:23 GMT
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There are a sample grid control with read only funcionality for a individual cell.

To view, unzip in a folder an execute. The column 'numeric' in the row 2 is read-only.

Nico

File Attachments
1) smartGrid-test.zip, downloaded 1426 times

Subject: Re: How set read-only state to a editable column?
Posted by mirek on Tue, 03 Oct 2006 13:06:40 GMT
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nicomesas wrote on Mon, 02 October 2006 06:01There are a sample grid control with read only funcionality for a individual cell.

To view, unzip in a folder an execute. The column 'numeric' in the row 2 is read-only.

Nico

Unfortunately, stops at starts with message "'01/10/2006' is not valid date!". Cannot get past it....

BTW, have you noticed Daniel's GridCtrl? It will soon become official U++ package, maybe that could help you. In fact, ArrayCtrl was not exactly meant as "grid"...

Mirek

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Tue, 03 Oct 2006 18:10:54 GMT
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oooooh!
I'm sorry, the date is in spanish format (DD/MM/YYYY). I will modify the code and send to you.

GridCtrl? Yes, I will testing it now.

Thanks

Nico

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Tue, 03 Oct 2006 18:46:13 GMT
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The project with that I have done this is old and it does not have location options, so easiest it has been to change the date to deceive to him.

If you want to prove it here you have it.

I believe that I am going to use GridCtrl

Thanks

Nico

File Attachments

1) smartGrid-test.zip, downloaded 1576 times

Subject: Re: How set read-only state to a editable column?
Posted by mirek on Wed, 04 Oct 2006 09:54:21 GMT
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I see, it looks like what you want is to disable editing for individual cell, right? OK, that is not possible with ArrayCtrl at the moment (only the column).

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Wed, 04 Oct 2006 10:08:15 GMT
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It is a complicated case, that I have been in the past but that it could return to happen.

I believe that the GridCtrl is looked more like which I am looking for, although I believe that there either a cell cannot be done read-only.

Nico

Subject: Re: How set read-only state to a editable column?
Posted by unodgs on Wed, 04 Oct 2006 20:24:39 GMT
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nicomesas wrote on Wed, 04 October 2006 06:08It is a complicated case, that I have been in the past but that it could return to happen.

I believe that the GridCtrl is looked more like which I am looking for, although I believe that there either a cell cannot be done read-only.

Nico

I can easily add it if you wish in next release...
Correct me if I'm wrong. You want to be able to do something like this:

grid.NoEditable(0)
grid.NoEditable(1)

what means that first 2 rows can't be edited even if columns have edits assigned, right?

Subject: Re: How set read-only state to a editable column?
Posted by unodgs on Wed, 04 Oct 2006 22:25:43 GMT
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unodgs wrote on Wed, 04 October 2006 16:24nicomesas wrote on Wed, 04 October 2006 06:08It is a complicated case, that I have been in the past but that it could return to happen.

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grid.NoEditable(1)

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I checked my code and it was there already... I only added NoEditable.

To make row not editable type:

grid.GetRow(0).NoEditable()
grid.GetRow(10).NoEditable()

or

grid.GetRow(0).Editable(false) in 0.95 version

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Thu, 05 Oct 2006 08:30:34 GMT
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unodgs wrote on Thu, 05 October 2006 00:25
I checked my code and it was there already... I only added NoEditable.

To make row not editable type:

grid.GetRow(0).NoEditable()
grid.GetRow(10).NoEditable()

or

grid.GetRow(0).Editable(false) in 0.95 version

This would be perfect!

Another desirable thing, would be to be able to establish a cell determined like NoEditable.

The perfect thing would be this
 gridData.GetRow(4).GetCell(2).NoEditable();
 //set column 2 in row 4 to be read-only.

But I intuit that he is too complex.

What I believe that would be more easy it is to wait to an event WhenRowChange to change the edition mode of that cell in the row.

```
 void MyForm::WhenRowChange() {
 int row = gridData.GetCursor();
 gridData.GetColumn(2).Editable(row != 4);
}
```

I'm tested this piece of code and it and which does not work as I hoped, happens is that I can edit the column 2 in the row 4 without problems.

Nico

Subject: Re: How set read-only state to a editable column?
Posted by unodgs on Thu, 05 Oct 2006 09:27:41 GMT
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nicomesas wrote on Thu, 05 October 2006 04:30unodgs wrote on Thu, 05 October 2006 00:25
I checked my code and it was there already... I only added NoEditable.

To make row not editable type:

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I'm tested this piece of code and it and which does not work as I hoped, happens is that I can edit the column 2 in the row 4 without problems.

Nico

gridData.GetColumn(2).Editable(row != 4);

Both GetColumn and GetRow returns ItemRect& which has Editable method, but only in GetRow context it works.

I will add in 0.96 sth like this...

grid.GetCell(4, 2).Editable(true/false)

..that's not a problem.

New version will be released soon (maybe as a part of upp), but I can put it on dgs.pac.pl even sooner if you want.

I will also make Editable working in GetColumn context. If column will be read-only it coudn't be edited even if it has edit assigned.

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Thu, 05 Oct 2006 10:13:15 GMT
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I'm testing the code grid.GetRow(0).Editable(false) and I can edit the row 0!!

I have the last version of GridCtrl, downloaded from http://dgs.pac.pl/dgs.php?page=downloads

In summary... at this moment ...
grid.Editable(true/false) ; // I don't test it
grid.GetRow(xxx).Editable(true/false) ; // I test it but does not work, the row remains editable
grid.GetColumn(xxx).Editable(true/false) ; // I tested but you sais it is not implemented o functional?

Nico

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Thu, 05 Oct 2006 12:13:00 GMT
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Hey unodgs (Daniel?)

Still I am testing your wonderful GridCtrl and I have found a behavior quite rare.
Test it this small piece of code and you will see how the horizontal scrollbar does not work fine.

```
myGrid.Reset() ;
myGrid.Absolute() ;
String f =

Vector<String> cols = Split( f, ',') ;
for (int i = 0; i < cols.GetCount(); i++)
{
  myGrid.AddColumn(cols[i]).Width(150) ;
}
myGrid.AddRow(120) ;
```

Your you can solve the problem calling to
myGrid.AddColumns(col[i],150) ;

I believe that the Width function is failing, I believe we need to make a synchronization between the width total of the GridCtrl with the total of the sum of size of all the columns.

Nico

Subject: Re: How set read-only state to a editable column?
Posted by unodgs on Thu, 05 Oct 2006 13:10:33 GMT
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Change
myGrid.AddColumn(cols[i]).Width(150)
to
myGrid.AddColumn(cols[i], 150)

Width(150) is fixed in 0.96... (Frankly I never used Width)

Thank you for testing! Keep finding bugs!

Subject: Re: How set read-only state to a editable column?
Posted by unodgs on Thu, 05 Oct 2006 13:13:56 GMT
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nicomesas wrote on Thu, 05 October 2006 06:13I'm testing the code
grid.GetRow(0).Editable(false) and I can edit the row 0!!

I have the last version of GridCtrl, downloaded from http://dgs.pac.pl/dgs.php?page=downloads

In summary... at this moment ...
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grid.GetColumn(xxx).Editable(true/false) ; // I tested but you sais it is not implemented o functional?

Strange, at least it works in my latest dev version...

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Thu, 05 Oct 2006 13:20:38 GMT
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unodgs wrote on Thu, 05 October 2006 15:13nicomesas wrote on Thu, 05 October 2006 06:13I'm testing the code grid.GetRow(0).Editable(false) and I can edit the row 0!!

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grid.GetColumn(xxx).Editable(true/false) ; // I tested but you sais it is not implemented o functional?

Strange, at least it works in my latest dev version...

If works in your dev version, I can wait for it. For the moment I solved the problem using grid.SetFixedRows(3), then the user can not modify the firs two rows.

when I finish this project I want it to publish it under GNU license in sourceforge. I believe that it

will be well.

Nico

Subject: Re: How set read-only state to a editable column?
Posted by nicomesas on Thu, 05 Oct 2006 13:22:06 GMT
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unodgs wrote on Thu, 05 October 2006 15:10Change
myGrid.AddColumn(cols[i]).Width(150)
to
myGrid.AddColumn(cols[i], 150)

Width(150) is fixed in 0.96... (Frankly I never used Width)

Thank you for testing! Keep finding bugs!

I'm waiting for your new version....

Nico
