Subject: GridCtrl: Setting column widths programmatically
Posted by Lance on Tue, 14 Feb 2012 03:56:34 GMT
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See attached program.

When column width allocation mode is absolute, there is no problem. When it's proportional, first time it works, but not subsequent ones. Supplied column widths don't seem to take effect.

Is there some steps I missed?

Thanks!

File Attachments

1) GridCtrlDynmicColumns.zip, downloaded 479 times

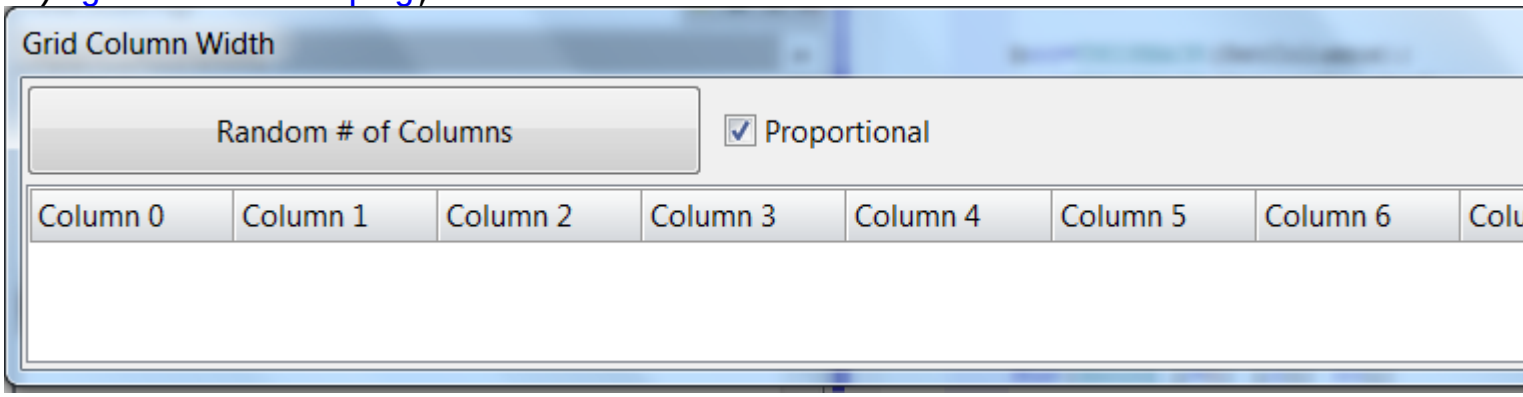
Subject: Re: GridCtrl: Setting column widths programmatically
Posted by Lance on Tue, 14 Feb 2012 04:10:48 GMT
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When the SetColumns() is called from App constructor (which is derived from TopWindow), it produce a decent and desired result like this:

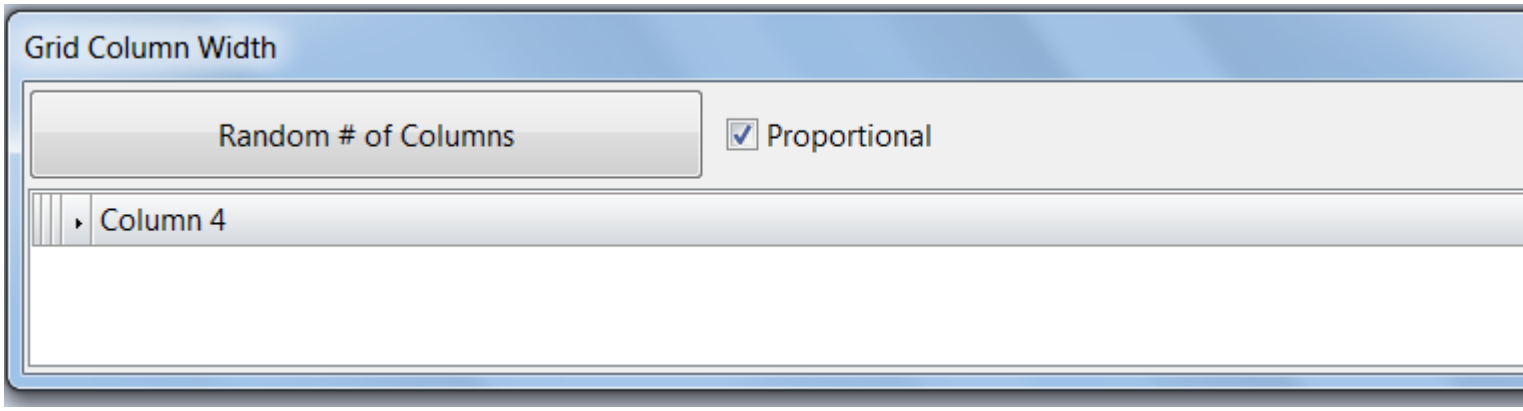
Click the buttom to invoke SetColumns for more times, something like this is produced:

File Attachments

1) gridwidths1.png, downloaded 1073 times



2) columnwidth2.png, downloaded 1122 times



Subject: Re: GridCtrl: Setting column widths programmatically
Posted by Lance on Tue, 14 Feb 2012 04:12:33 GMT
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Source code of test program in case you don't want to download it.

```
#include <CtrlLib/CtrlLib.h>
#include <GridCtrl/GridCtrl.h>


using namespace Upp;

class App: public TopWindow
{
public:
 App()
 {
  b.SetLabel("Random # of Columns").LeftPosZ(2, 250).TopPosZ(2,30);
  o.SetLabel("Proportional").LeftPosZ(260, 150).TopPosZ(2,30);
  o.SetData(true);
  grid.HSizePosZ(2,2).VSizePosZ(35,2);
  Add(b);
  Add(grid);
  Add(o);

  b<<=THISBACK(SetColumns);
  o<<=THISBACK(OptionClicked);
  SetColumns();
 }
private:
 void SetColumns()
 {
  dword c=::Random();
  c=5+c%4;
```

```
 grid.Clear(true);
 for(dword i=0; i<c; ++i)
 {
  grid.AddColumn(String().Cat()<<"Column "<<i, 50);
 }
}

void OptionClicked()
{
 if(o.GetData()==true)
  grid.Proportional();
 else
  grid.Absolute();
}

Button b;
Option o;

GridCtrl grid;

typedef App CLASSNAME;
};

GUI_APP_MAIN
{
  App().Title("Grid Column Width").Sizeable().Run();
}
```

Subject: Re: GridCtrl: Setting column widths programmatically
Posted by unodgs on Tue, 14 Feb 2012 06:33:25 GMT
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Hi Lance!
I described solution for this problem many times (that only means that current behavior is not intuitive and cumbersome..). Your SetColumns method should look like this:

```
void SetColumns()
{
 dword c=::Random();
 c=5+c%4;
            grid.Ready(false);
 grid.Clear(true);
 for(dword i=0; i<c; ++i)
 {
  grid.AddColumn(String().Cat()<<"Column "<<i, 50);
 }
```

```
        grid.Ready(true);
}
```

Subject: Re: GridCtrl: Setting column widths programmatically
Posted by Lance on Tue, 14 Feb 2012 14:05:24 GMT
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Thank you! I indeed did a search but failed to discover any thing relevant. Maybe you can insert a comment/document for one of the set-column-width methods?