Subject: OptionTree has too large horizontal size
Posted by Typhoor on Sat, 29 Jun 2013 08:56:51 GMT
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I'm using OptionTree on current U++(6157) with Win7/MSC10

The horizontal size of the OptionTree-item is too large so that scrollbar is shown.

Left normal TreeCtrl right OptionTree:

same now with child item:

Here a quick test program:

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

using namespace Upp;

struct App : TopWindow
{
  TreeCtrl   tree1;
  OptionTree tree2;
  Splitter   horz;

  App()
  {
    Sizeable(true).Zoomable(true).Add(horz.Horz().SizePos());
    horz.Add(tree1);
    horz.Add(tree2);
    tree1.SetRoot(CtrlImg::Dir(), "Root" );
    tree1.Add(0, CtrlImg::File(), "Very long text using the full width of this line.....");
    tree2.SetRoot("OptionRoot");
    tree2.Add(0,"Very long text using the full width of this line.....");
  }
};

GUI_APP_MAIN
{
  App().Run();
}
```

I changed near line 118 in CtrlLib/TreeCtrl.cpp ctrl->GetStdSize() to ctrl->GetMinSize() to solve the issue. (I'm not quite sure if I catched everything) :

```
Size   TreeCtrl::Item::GetCtrlSize() const
{
  if(!ctrl) return Size(0, 0);
```

```
//Size csz = ctrl->GetStdSize(); *** original code 6157
  Size csz = ctrl->GetMinSize();
  return Size(Nvl(size.cx, csz.cx), Nvl(size.cy, csz.cy));
}
```

It seems that the GetStdSize() uses unlying sizing as char count and multiplies it with fontsize to get to horizontal size?!?

Can this correction been taken into the main source, or is there a better solution?

Since we are into changing code:
Can we make the methods SetOption() and SetChildren() of OptionTree protected, so that in derived classes some logic can be added?
(CtrlLib/Treectrl.h near line 330)

```
class OptionTree : public TreeCtrl {
  Vector<Option *> option;
  Array<Option>    aux;
  bool             manualmode;

protected:  <<<<<<<
  void SetOption(int i);
  void SetChildren(int id, bool b);

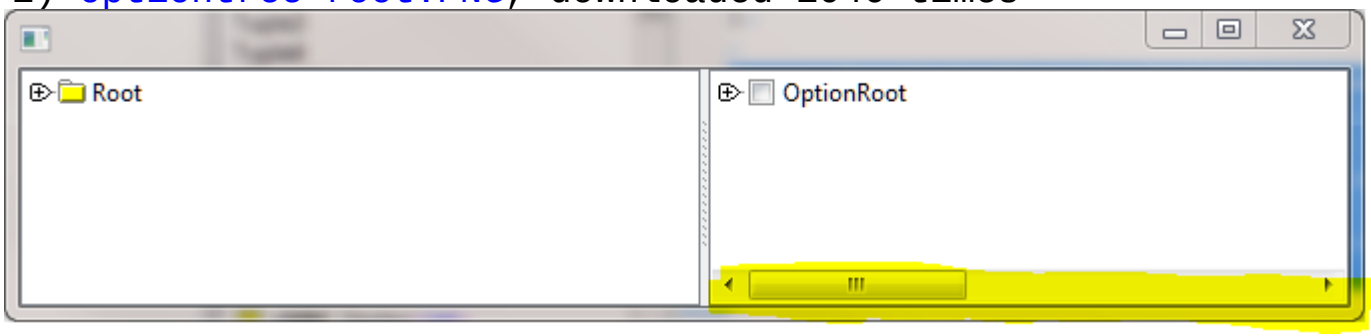
public:
```

... and so on...

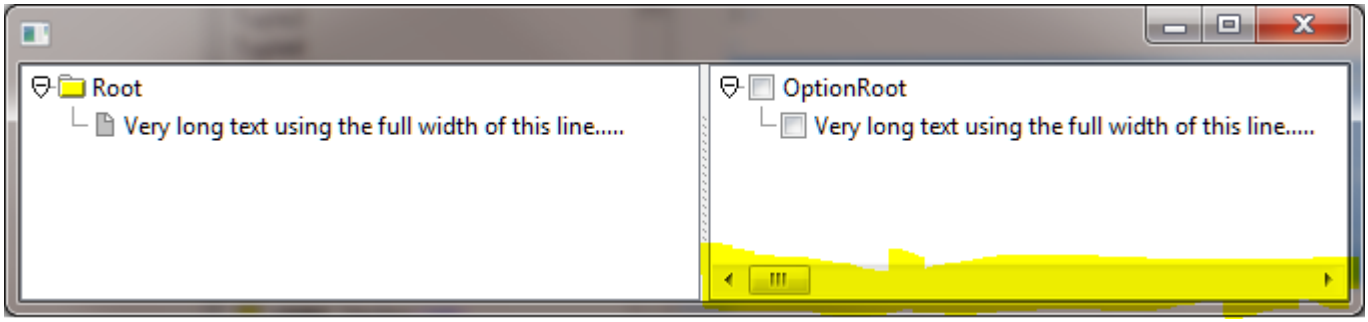
Thanx
Ralph

File Attachments

1) optiontree root.PNG, downloaded 1046 times



2) optiontree expanded.PNG, downloaded 1061 times



Subject: Re: OptionTree has too large horizontal size
Posted by Klugier on Mon, 22 Jul 2013 19:41:43 GMT
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Hello Typhoor,

For me the first part of yours patch is absolutely correct (CtrlLib/TreeCtrl.cpp - line 118). I have tested in on GNU/Linux.

```
Size   TreeCtrl::Item::GetCtrlSize() const
{
   if(!ctrl) return Size(0, 0);
   Size csz = ctrl->GetMinSize();
   return Size(Nvl(size.cx, csz.cx), Nvl(size.cy, csz.cy));
}
```

Sincerely,
Klugier

Subject: Re: OptionTree has too large horizontal size
Posted by mirek on Sun, 18 Aug 2013 14:57:34 GMT
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Thanks, patch applied. Welcome to the contributors list

Mirek