Subject: ExpressPane
Posted by wilho on Tue, 14 Mar 2006 18:22:16 GMT
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Here's my little composite control, thanks to Miriek for help.

Can be used to create button/control -control similar to left pane of m$'s LookOut.

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

class DblClckBtn : public Button {
public:
 Callback WhenLeftDouble;
 virtual void DblClckBtn::LeftDouble(Point, dword);
};
class ExpressPane : public Ctrl {
 struct SlaveControl {
     bool isInSplitter;
     DblClckBtn button;
     Ctrl* slave;
 };
 Array<SlaveControl> slaves;
 Splitter splitter;
 static const int BTN_SPACE = 22;
 typedef ExpressPane CLASSNAME;
 void Toggle(int);
 void OpenOne(int);
public:
 void Add(const char *text, Ctrl& slave);
 void Rearrange();
 ExpressPane();
};
void DblClckBtn::LeftDouble(Point p, dword) {
 if(IsReadOnly()) return;
 WhenLeftDouble();
}
ExpressPane::ExpressPane(){
 Ctrl::Add(splitter);
 splitter.Vert();
}
void ExpressPane::OpenOne(int indx){
 for(int loopI=slaves.GetCount()-1; loopI>-1; loopI--){
  slaves[loopI].isInSplitter = false;
 }
 slaves[indx].isInSplitter = true;
 Rearrange();
}
```

```
void ExpressPane::Toggle(int indx){
 slaves[indx].isInSplitter = !slaves[indx].isInSplitter;
 Rearrange();
}
void ExpressPane::Rearrange(){
 for(int loopI=slaves.GetCount()-1; loopI>-1; loopI--){
  splitter.RemoveChild( slaves[loopI].slave );
  if (slaves[loopI].isInSplitter == true){
   splitter << *slaves[loopI].slave;
  }
 }
 splitter.RefreshLayout();
}
void ExpressPane::Add(const char *text, Ctrl& slave){
 SlaveControl& slvCtrl = slaves.Add();
 int btnIndx = slaves.GetCount()-1;
 slvCtrl.button <<= THISBACK1(Toggle,btnIndx);
 slvCtrl.button.WhenLeftDouble << THISBACK1(OpenOne,btnIndx);
 slvCtrl.button.SetLabel(text);
 slvCtrl.button.HSizePosZ(0, 0).BottomPosZ(BTN_SPACE * btnIndx, BTN_SPACE );
 slvCtrl.isInSplitter = false;
 slvCtrl.slave = &slave;
 splitter.HSizePosZ(0, 0).VSizePosZ(0, BTN_SPACE * (btnIndx+1));
 Ctrl::Add(slvCtrl.button);
}

class App : public TopWindow {
 DocEdit de1,de2,de3;
 ExpressPane ep;
 public:
 App() {
  ep.Add("de3", de3);
  ep.Add("de2", de2);
  ep.Add("de1", de1);
  Add(ep.HSizePosZ(0,0).VSizePosZ(0,0));
  Sizeable().Zoomable();
 }
};
GUI_APP_MAIN
{
 App().Title("ExpressPane").Run();
}
```