
Subject: Re: Splitter::Reset and Splitter::Clear clarification

Posted by [mirek](#) on Wed, 30 Dec 2009 10:30:09 GMT

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Tom1 wrote on Mon, 28 December 2009 03:54Hi,

The splitter would be easier to use if Splitter::Clear() would remove splitter wall positions and minimum sizes (pixel and relative) in addition to the child references. The minpx is currently not cleared at all, even if Splitter::Reset() is called.

Please change as follows:

```
void Splitter::Clear() {
    while(GetFirstChild())
        RemoveChild(GetFirstChild());
```

```
    pos.Clear();
    mins.Clear();
    minpx.Clear();
}
```

```
void Splitter::Reset() {
    Clear();
    style = -1;
    width = 4;
    vert = false;
}
```

Additionally, it would be very helpful, if removing a child by its Ctrl* would remove the respective pos, mins and minpx records in a way that frees the display area for the adjacent panels.

UPDATE:

I had something like this in mind for removing a panel:

```
void Splitter::Layout() {
    Size sz = GetSize();
    int count = GetChildCount();
    if(count == 0)
        return;
```

```
    if(mins.GetCount()<count) mins.SetCount(count,0); // Added
    if(minpx.GetCount()<count) minpx.SetCount(count,0); // Added
```

```
    count--;
```

```
if(pos.GetCount() < count) {  
    pos.SetCount(count, 0);  
    for(int i = 0; i < count; i++)
```

and

```
void Splitter::Remove(Ctrl *ctrl) {  
    int n=0;  
    Ctrl *c=GetFirstChild();  
    while(c){  
        if(c==ctrl){  
            if(c->GetNext()) pos.Remove(n);  
            else if(n>=1) pos.Remove(n-1);  
            mins.Remove(n);  
            minpx.Remove(n);  
            RemoveChild(ctrl);  
            break;  
        }  
        c=c->GetNext();  
        n++;  
    }  
}
```

// Tom

Well, why not. I have made some changes (the most important is to use reference instead of pointer in Remove to make it consistent with other methods).

Mirek
