Subject: Why Splitter::GetChildCount() is not public???- GetCount [SOLVED]
Posted by fudadmin on Tue, 28 Mar 2006 17:11:58 GMT
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Why Splitter::GetChildCount() is not public???

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by fudadmin on Tue, 28 Mar 2006 18:18:10 GMT
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fudadmin wrote on Tue, 28 March 2006 18:11Why Splitter::GetChildCount() is not public???
and PosToClient()...

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by mirek on Tue, 28 Mar 2006 19:31:59 GMT
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fudadmin wrote on Tue, 28 March 2006 13:18fudadmin wrote on Tue, 28 March 2006 18:11Why Splitter::GetChildCount() is not public???
and PosToClient()...

Well, over time I have found "keep the interface minimal" a good practice. Sometimes I am wrong about interface, but enriching it is quite easy thing. But the opposite, removing stuff from interface, is much more dangerous bussines (angry users... .

Will be fun when nDraw (which I am working on now and which changes raster image processing significantly) gets to production code

Mirek

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by fudadmin on Tue, 28 Mar 2006 21:34:59 GMT
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luzr wrote on Tue, 28 March 2006 20:31fudadmin wrote on Tue, 28 March 2006 13:18fudadmin wrote on Tue, 28 March 2006 18:11Why Splitter::GetChildCount() is not public???
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Mirek

The users are angry when they find inconsistant interfaces - in some Ctrl's the same methods are public, in some - not. It looks like I will have to maintain my own version of Ultimate++...

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by mirek on Tue, 28 Mar 2006 21:54:08 GMT
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fudadmin wrote on Tue, 28 March 2006 16:34luzr wrote on Tue, 28 March 2006 20:31fudadmin wrote on Tue, 28 March 2006 13:18fudadmin wrote on Tue, 28 March 2006 18:11Why Splitter::GetChildCount() is not public???
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PosToClient nor GetChildCount is not common public interface....

Mirek

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by fudadmin on Tue, 28 Mar 2006 22:45:55 GMT
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luzr wrote on Tue, 28 March 2006 22:54fudadmin wrote on Tue, 28 March 2006 16:34luzr wrote on Tue, 28 March 2006 20:31fudadmin wrote on Tue, 28 March 2006 13:18fudadmin wrote on Tue, 28 March 2006 18:11Why Splitter::GetChildCount() is not public???
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Mirek

Originally I meant only count of children. In HeaderCtrl you can have GetCount() which is a number of children? Why all similar controls can't have the same?

Regarding private interfaces - this is where I completely agree with Lisp and Assembler advocates - "C++ was created for stupid programmers"...

P.S
On the other hand Fox-toolkit is not afraid to make public this kind of methods

```
/// Return true if specified window is owned by this window
FXbool isOwnerOf(const FXWindow* window) const;

/// Return true if specified window is ancestor of this window
FXbool isChildOf(const FXWindow* window) const;

/// Return true if this window contains child in its subtree
FXbool containsChild(const FXWindow* child) const;

/// Return the child window at specified coordinates
FXWindow* getChildAt(FXint x,FXint y) const;

/// Return the number of child windows for this window
FXint numChildren() const;

/**
* Return the index (starting from zero) of the specified child window,
* or -1 if the window is not a child or NULL
*/
FXint indexOfChild(const FXWindow *window) const;

/**
* Return the child window at specified index,
* or NULL if the index is negative or out of range
*/
FXWindow* childAtIndex(FXint index) const;

/// Return the common ancestor of window a and window b
static FXWindow* commonAncestor(FXWindow* a,FXWindow* b);
```

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by unodgs on Wed, 29 Mar 2006 06:39:25 GMT
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The question is why do you need this method to be public? In "real" apps I never needed to check how many children splitter has..

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by mirek on Wed, 29 Mar 2006 08:57:36 GMT
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The trouble of ChildGetCount is that in U++, it is "loop" function (you have to go through the list of child and count them) - you probably do not want to encourage users to depend on such method, you better to force them to organize things differently.

As for HeaderCtrl::GetCount, it is different beast altogether - HeaderCtrl column tabs are not Ctrls.

However, you might be right about Splitter. Therefore, it now has "GetCount", which returns the number of split-panes.

Mirek

Subject: Re: Why Splitter::GetChildCount() is not public???
Posted by fudadmin on Wed, 29 Mar 2006 09:29:10 GMT
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Thanks!