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Subject: Re: TabBar: ordering of tabs by their Value (title)

Posted by [mrjt](#) on Thu, 01 Jul 2010 12:43:14 GMT

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Thanks again, I wrote TabBarCtrl pretty quickly so I knew it would need some improvement.

kohait00 wrote on Tue, 29 June 2010 22:32i am still asking myself why the new TabBarCtrl is keeping only the current shown control as child in its pane...

Changed so that all ctrls live in the pane. You're right, it's much more sensible

Quote:and having the ctrls themselves decide how they should be added (no SizePos by default)? I disagree with this for 2 reasons:

- Always apply SizePos is how it works in TabCtrl
- Not doing it means that you have to remember to do it yourself, which is more prone to errors

If you want to use a layout you just need to use an additional ParentCtrl. Realistically it's not very common that you'd want to add ctrl without SizePos and not be using a Layout template anyway. I'll keep it like it is.

Mindtraveller:

I have added your icons. The cross icons are now part of TabBar::Style, with some helpful shortcut functions to swap them:

```
struct Style : public TabCtrl::Style
{
    Image crosses[3];
    Value group_separators[2];
```

```
Style & Write() const { return *static_cast<Style*>(&TabCtrl::Style::Write()); }
```

```
Style& DefaultCrosses();
Style& Variant1Crosses();
```

```
Style& DefaultGroupSeparators();
Style& GroupSeparators(Value horz, Value vert);
Style& NoGroupSeparators() { return GroupSeparators(Value(), Value()); }
};
```

It's a bit unorthodox but given TabBar's requirement for different styles for LEFT, RIGHT etc. I couldn't think of a better way. The only problem is that your icons are off-center, so they won't work properly with TabBars aligned to the side or bottom, but I haven't decided how to fix that yet.

This means you can this to change the global style for a TabBar to use your crosses with no separator line between groups:

```
TabBar::StyleDefault().Write().Variant1Crosses().NoGroupSeparators();
```

I've attached my latest version. TabBarCtrlTest has been modified to include style testing. I still haven't had time to properly test Docking but I'll get everything committed either tomorrow or early next week.

## File Attachments

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- 1) [TabBarCtrlTest.zip](#), downloaded 324 times

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