
Subject: TabCtrl crash in debug mode when using remove method

Posted by [Didier](#) on Wed, 21 Oct 2009 22:14:32 GMT

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Hello,

In my app I use TabCtrl. I add and remove tabs dynamically but there seems to be a bug: when the app is compiled in DEBUG mode it crashes when the last tab gets removed.

I looked in the debugger and it crashes in the following sequence:

```
Upp::AssertFailed (file=0x8296f14 "/home/didier/upphg/uppsrc/Core/Vcont.h", line=17,
cond=0x8296f79 "i >= 0 && i < items") at /home/didier/upphg/uppsrc/Core/Util.cpp:86
Upp::Vector<void*>::Get (this=0xbfffdbe8, i=0) at /home/didier/upphg/uppsrc/Core/Vcont.h:17
Upp::Vector<void*>::operator[] (this=0xbfffdbe8, i=0) at
/home/didier/upphg/uppsrc/Core/Vcont.h:32
Upp::Array<Upp::TabCtrl::Item>::Get (this=0xbfffdbe4, i=0) at
/home/didier/upphg/uppsrc/Core/Vcont.h:132
Upp::Array<Upp::TabCtrl::Item>::operator[] (this=0xbfffdbe4, i=0) at
/home/didier/upphg/uppsrc/Core/Vcont.h:144
Upp::TabCtrl::ScrollInto (this=0xbfffdb78, i=0) at
/home/didier/upphg/uppsrc/CtrlLib/TabCtrl.cpp:257
Upp::TabCtrl::Layout (this=0xbfffdb78) at /home/didier/upphg/uppsrc/CtrlLib/TabCtrl.cpp:139
Upp::TabCtrl::Remove (this=0xbfffdb78, i=0) at /home/didier/upphg/uppsrc/CtrlLib/TabCtrl.cpp:401
testOnglet::closeOnglet (this=0xbffda5c) at /home/didier/upphg/MyApps/testOnglet/main.cpp:34
```

The vector::get() statement crashes because we try to remove element '0' while there are no more elements in vector (items = 0)

When compiling in OPTIMAL mode, everything seems to be OK.

I joined a test app:

 compil in DEBUG, Launch and press the close button 3 times (until last tab gets removed)
 ==> crash when trying to close last tab ?????

File Attachments

1) [testOnglet.zip](#), downloaded 493 times
