Subject: Back in HelpWindow crashes the application
Posted by dolik.rce on Sat, 03 Oct 2009 15:06:06 GMT
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Hi,

I've noticed, that hitting "Back" button in HelpWindow causes segfault if compiled with DEBUG flag. This is not critical bug, as long as it works in release mode, but I thought you should know

I discovered this while writing help for my application, but it happens in other apps too. You can use PieTest from bazaar as a test case. Precise series of actions leading to crash PieTest is:
Run the application compiled in DEBUG mode
Click "?" button to open HelpWindow
Click on topic Page2
Click "Back" buttonIf I run it in debugger, last available backtrack (one more step leads to Panic() call) readsUpp::AtomicInc (t=@0x6565723e) at /media/other/opt/uppsvn/uppsrc/Core/Mt.h:456
Upp::String0::LSet (this=0xbff70b7c, s=@0xb7f4f9d4) at
/media/other/opt/uppsvn/uppsrc/Core/String.cpp:23
Upp::String0::Assign (this=0xbff70b7c, s=@0xb7f4f9d4) at
/media/other/opt/uppsvn/uppsrc/Core/String.h:218
Upp::String::operator= (this=0xbff70b7c, s=@0xb7f4f9d4) at
/media/other/opt/uppsvn/uppsrc/Core/String.h:301
Upp::HelpWindow::GoTo0 (this=0xbff6f9a4, link=@0xb7f4f9d4) at
/media/other/opt/uppsvn/uppsrc/CtrlLib/Help.cpp:31
Upp::HelpWindow::Back (this=0xbff6f9a4) at /media/other/opt/uppsvn/uppsrc/CtrlLib/Help.cpp:64
Upp::CallbackMethodAction<Upp::HelpWindow, void (Upp::HelpWindow::*)()>::Execute
(this=0xb78c6260) at /media/other/opt/uppsvn/uppsrc/Core/Cbgen.h:31
Upp::Callback::Execute (this=0xb7f49898) at
/media/other/opt/uppsvn/uppsrc/Core/Callback.cpp:11
Upp::Callback::operator() (this=0xb7f49898) at /media/other/opt/uppsvn/uppsrc/Core/Cbgen.h:63
Upp::ToolButton::LeftUp (this=0xb7f49830) at
/media/other/opt/uppsvn/uppsrc/CtrlLib/ToolButton.cpp:286
Upp::Ctrl::MouseEvent (this=0xb7f49830, event=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074336664, y = 0}, zdelta=0, keyflags=0) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:135
Upp::Ctrl::MouseEventH (this=0xb7f49830, event=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074336528, y = 0}, zdelta=0, keyflags=0) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:89
Upp::Ctrl::MEvent0 (this=0xb7f49830, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074336320, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:293
Upp::Ctrl::DispatchMouseEvent (this=0xb7f49830, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074336088, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:552
Upp::Ctrl::DispatchMouseEvent (this=0xbff709f4, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =

-1074335864, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:552
Upp::Ctrl::DispatchMouseEvent (this=0xbff70958, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074335640, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:552
Upp::Ctrl::DispatchMouseEvent (this=0xbff6f9a4, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074335436, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:552
Upp::Ctrl::DispatchMouse (this=0xbff6f9a4, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074334688, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:530
Upp::Ctrl::EventProc (this=0xbff6f9a4, w=@0xb78c9610, event=0xbff6f7bc) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/X11Proc.cpp:347
Upp::TopWindow::EventProc (this=0xbff6f9a4, w=@0xb78c9610, event=0xbff6f7bc) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/TopWinX11.cpp:57
Upp::Ctrl::ProcessEvent (event=0xbff6f7bc) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/X11Wnd.cpp:238
Upp::Ctrl::EventLoop0 (ctrl=0xbff6f9a4) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/X11Wnd.cpp:367
Upp::CallbackActionCallArg<void (*)(Upp::Ctrl*), Upp::Ctrl*, unsigned int>::Execute
(this=0xb78c61a0) at /media/other/opt/uppsvn/uppsrc/Core/Callback.h:53
Upp::Callback::Execute (this=0xbff6f89c) at /media/other/opt/uppsvn/uppsrc/Core/Callback.cpp:11
Upp::Callback::operator() (this=0xbff6f89c) at /media/other/opt/uppsvn/uppsrc/Core/Cbgen.h:63
Upp::Ctrl::Call (cb={<Upp::Moveable<Upp::Callback, Upp::EmptyClass>> = {<Upp::EmptyClass>
= {<No data fields>}, <No data fields>}, action = 0xbff6f89c}) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMt.cpp:118
Upp::Ctrl::EventLoop (ctrl=0xbff6f9a4) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMt.cpp:189
Upp::TopWindow::Run (this=0xbff6f9a4, appmodal=false) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/TopWindow.cpp:312
Upp::TopWindow::Execute (this=0xbff6f9a4) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/TopWindow.cpp:331
PieTest::Help (this=0xbff718d0) at /media/other/opt/uppsvn/bazaar/PieTest/main.cpp:94
Upp::CallbackMethodAction<PieTest, void (PieTest::*)()>::Execute (this=0xb7f52770) at
/media/other/opt/uppsvn/uppsrc/Core/Cbgen.h:31
Upp::Callback::Execute (this=0xbff71f2c) at /media/other/opt/uppsvn/uppsrc/Core/Callback.cpp:11
Upp::Callback::operator() (this=0xbff71f2c) at /media/other/opt/uppsvn/uppsrc/Core/Cbgen.h:63
Upp::Pusher::PerformAction (this=0xbff71ec4) at
/media/other/opt/uppsvn/uppsrc/CtrlLib/Button.cpp:16
Upp::Pusher::FinishPush (this=0xbff71ec4) at
/media/other/opt/uppsvn/uppsrc/CtrlLib/Button.cpp:98
Upp::Pusher::LeftUp (this=0xbff71ec4) at /media/other/opt/uppsvn/uppsrc/CtrlLib/Button.cpp:56
Upp::Ctrl::MouseEvent (this=0xbff71ec4, event=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074328152, y = 0}, zdelta=0, keyflags=0) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:135
Upp::Ctrl::MouseEventH (this=0xbff71ec4, event=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074328016, y = 0}, zdelta=0, keyflags=0) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:89

Upp::Ctrl::MEvent0 (this=0xbff71ec4, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074327808, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:293
Upp::Ctrl::DispatchMouseEvent (this=0xbff71ec4, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074327576, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:552
Upp::Ctrl::DispatchMouseEvent (this=0xbff718d0, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074327372, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:552
Upp::Ctrl::DispatchMouse (this=0xbff718d0, e=145, p={<Upp::Moveable<Upp::Point_<int>,
Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, x =
-1074326624, y = 0}, zd=0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMouse.cpp:530
Upp::Ctrl::EventProc (this=0xbff718d0, w=@0xb7f50910, event=0xbff7173c) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/X11Proc.cpp:347
Upp::TopWindow::EventProc (this=0xbff718d0, w=@0xb7f50910, event=0xbff7173c) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/TopWinX11.cpp:57
Upp::Ctrl::ProcessEvent (event=0xbff7173c) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/X11Wnd.cpp:238
Upp::Ctrl::EventLoop0 (ctrl=0xbff718d0) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/X11Wnd.cpp:367
Upp::CallbackActionCallArg<void (*)(Upp::Ctrl*), Upp::Ctrl*, unsigned int>::Execute
(this=0xb7f52620) at /media/other/opt/uppsvn/uppsrc/Core/Callback.h:53
Upp::Callback::Execute (this=0xbff7181c) at
/media/other/opt/uppsvn/uppsrc/Core/Callback.cpp:11
Upp::Callback::operator() (this=0xbff7181c) at /media/other/opt/uppsvn/uppsrc/Core/Cbgen.h:63
Upp::Ctrl::Call (cb={<Upp::Moveable<Upp::Callback, Upp::EmptyClass>> = {<Upp::EmptyClass>
= {<No data fields>}, <No data fields>}, action = 0xbff7181c}) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMt.cpp:118
Upp::Ctrl::EventLoop (ctrl=0xbff718d0) at /media/other/opt/uppsvn/uppsrc/CtrlCore/CtrlMt.cpp:189
Upp::TopWindow::Run (this=0xbff718d0, appmodal=false) at
/media/other/opt/uppsvn/uppsrc/CtrlCore/TopWindow.cpp:312
GuiMainFn_ () at /media/other/opt/uppsvn/bazaar/PieTest/main.cpp:127
main (argc=0, argv=0x0, envptr=0x0) at /media/other/opt/uppsvn/bazaar/PieTest/main.cpp:125
I've tried with Upp releases 1585 and 1603, using g++-4.3 in Ubuntu 9.04.

Regards,
Honza