

## U++ - Bug #357

### Check opening dialog from non-main thread

11/25/2012 08:10 PM - Miroslav Fidler

<b>Status:</b>	Approved	<b>Start date:</b>	11/25/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
- might freeze in DisableCtrls			

### History

#### #1 - 11/27/2012 11:22 AM - Massimo Del Fedele

Backtraces here :

#### MAIN THREAD

```
00- __Gl_raise(sig=<optimized out>) at ../nptl/sysdeps/unix/sysv/linux/raise.c:64
01- __Gl_abort at abort.c:91
02- __assert_fail_base(fmt=<optimized out>,assertion=0x7ffff6465ca5 "!xcb_xlib_unknown_req_in_deq",file=0x7ffff6465c92
"../src/xcb_io.c",line=<optimized out>,function=<optimized out>) at assert.c:94
03- __Gl__assert_fail(assertion=0x7ffff6465ca5 "!xcb_xlib_unknown_req_in_deq",file=0x7ffff6465c92
"../src/xcb_io.c",line=178,function=0x7ffff6465da0 "dequeue_pending_request") at assert.c:103
04-?? at <unknown>:<unknown>
05- XReply at <unknown>:<unknown>
06- XQueryPointer at <unknown>:<unknown>
07- Upp::Ctrl::SyncMousePos at /home/massimo/sources/upp-svn/uppsrc/CtrlCore/X11Proc.cpp:34
08- Upp::Ctrl::EventLoop0(ctrl=0x7ffff6465c40) at /home/massimo/sources/upp-svn/uppsrc/CtrlCore/X11Wnd.cpp:434
09- Upp::CallbackActionCallArg<void ()(Upp::Ctrl), Upp::Ctrl*, unsigned long>::Execute(this=0x2ea71d0) at
/home/massimo/sources/upp-svn/uppsrc/Core/Callback1.h:48
10- Upp::Callback::Execute(this=0x7ffff6465c0) at /home/massimo/sources/upp-svn/uppsrc/Core/Callback.cpp:7
11- Upp::Callback::operator()(this=0x7ffff6465c0) at /home/massimo/sources/upp-svn/uppsrc/Core/Cbgen.h:32
12- Upp::Ctrl::Call(cb={<Upp::Moveable<Upp::Callback, Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, action =
0x2ea71d0}) at /home/massimo/sources/upp-svn/uppsrc/CtrlCore/CtrlMt.cpp:67
13- Upp::Ctrl::EventLoop(ctrl=0x7ffff6465c40) at /home/massimo/sources/upp-svn/uppsrc/CtrlCore/CtrlMt.cpp:154
14- Upp::TopWindow::Run(this=0x7ffff6465c40,appmodal=false) at /home/massimo/sources/upp-svn/uppsrc/CtrlCore/TopWindow.cpp:327
15- GuiMainFn_ at /home/massimo/sources/upp-svn/UppCad/UppCad/UppCad.cpp:411
16- Upp::AppExecute__(app=0x42d65f <GuiMainFn_(>)) at /home/massimo/sources/upp-svn/uppsrc/Core/App.cpp:322
17- main(argc=1,argv=0x7ffff646518,envptr=0x2954b90) at /home/massimo/sources/upp-svn/UppCad/UppCad/UppCad.cpp:282
```

#### FILESEL THREAD :

```
00-?? at <unknown>:<unknown>
01-?? at <unknown>:<unknown>
02- XrmGetFileDatabase at <unknown>:<unknown>
03-?? at <unknown>:<unknown>
04- XGetErrorDatabaseText at <unknown>:<unknown>
05- XGetErrorText at <unknown>:<unknown>
06- Xw_error_handler(display=0x2b2b630,event=0x7fffd37eea90) at /home/massimo/sources/upp-svn/bazaar/OCE/oc/src/Xw/Xw_set_trace.cxx:846
```

07- \_XError at <unknown>:<unknown>  
08- ?? at <unknown>:<unknown>  
09- \_XReply at <unknown>:<unknown>  
10- XGetGeometry at <unknown>:<unknown>  
11- gdk\_pixmap\_foreign\_new\_for\_display at <unknown>:<unknown>  
12- Upp::GetGTK(widget=0x2b49480,state=16,shadow=0,detail=0x7ffc8003110 "gnome-fs-regular",type=11,cx=16,cy=16,rect=[0,0],[16,16]) at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/ChGtk0.cpp:146  
13- Upp::GtkThemedIcon(name=0x7ffc8003110 "gnome-fs-regular",large=false) at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/ChGtk0.cpp:517  
14- Upp::GnomeImage(s=0x1c46852 "fs-regular",large=false) at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/FileSel.cpp:90  
15- Upp::GetFileIcon(folder=@0x7ffd37ef110: "/home",filename=@0x7ffd37ef108: "massimo",isdir=true,isexe=false,large=false) at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/FileSel.cpp:196  
16- Upp::GetDirIcon(s=@0x7ffd37ef270: "/home/massimo") at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/FileSel.cpp:1277  
17- Upp::FileSel::AddPlace(this=0x7ffd37ef9c0,path=@0x7ffd37ef330: "/home/massimo",name=@0x7ffd37ef328: "Home",group=0x1c46aa9 "PLACES:FOLDER",row=-1) at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/FileSel.cpp:1664  
18- Upp::FileSel::AddStandardPlaces(this=0x7ffd37ef9c0) at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/FileSel.cpp:1731  
19- Upp::FileSel::FileSel(this=0x7ffd37ef9c0) at /home/massimo/sources/upp-svn/uppsrc/CtrlLib/FileSel.cpp:1857  
20- StepImport(doc=0x2f8f960) at /home/massimo/sources/upp-svn/UppCad/UppCadCommands/File.icpp:87  
21- CommandInterpreter::Process(this=0x2f8fbf0,s=@0x7ffd37f5840: "stepin") at /home/massimo/sources/upp-svn/UppCad/UppCadDocView/CommandInterpreter.cpp:35  
22- UppCadDocument::SendCommand(this=0x2f8f960,cmd="stepin") at /home/massimo/sources/upp-svn/UppCad/UppCadDocView/UppCadDocument.cpp:210  
23- UppCadDocument::commandLoop(this=0x2f8f960) at /home/massimo/sources/upp-svn/UppCad/UppCadDocView/UppCadDocument.cpp:227  
24- Upp::CallbackMethodAction<UppCadDocument, void (UppCadDocument::\*)()>::Execute(this=0x303b960) at /home/massimo/sources/upp-svn/uppsrc/Core/Callback0.h:24  
25- Upp::Callback::Execute(this=0x7ffd37f5a50) at /home/massimo/sources/upp-svn/uppsrc/Core/Callback.cpp:7  
26- Upp::Callback::operator()(this=0x7ffd37f5a50) at /home/massimo/sources/upp-svn/uppsrc/Core/Cbgen.h:32  
27- ThreadQueue::callLoop(this=0x2f8f960,cb={<Upp::Moveable<Upp::Callback, Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, action = 0x303b960}) at /home/massimo/sources/upp-svn/UppCad/ThreadQueue/ThreadQueue.cpp:26  
28- Upp::CallbackMethodActionArg<ThreadQueue, void (ThreadQueue::\*)(Upp::Callback), Upp::Callback>::Execute(this=0x301bd70) at /home/massimo/sources/upp-svn/uppsrc/Core/Callback1.h:26  
29- Upp::Callback::Execute(this=0x2ef77e0) at /home/massimo/sources/upp-svn/uppsrc/Core/Callback.cpp:7  
30- Upp::Callback::operator()(this=0x2ef77e0) at /home/massimo/sources/upp-svn/uppsrc/Core/Cbgen.h:32  
31- Upp::sThreadRoutine(arg=0x2ef77e0) at /home/massimo/sources/upp-svn/uppsrc/Core/Mt.cpp:78  
32- start\_thread(arg=0x7ffd37fe700) at pthread\_create.c:308  
33- clone at ../sysdeps/unix/sysv/linux/x86\_64/clone.S:112  
34- ?? at <unknown>:<unknown>

## #2 - 11/27/2012 03:52 PM - Massimo Del Fedele

Crash was due probably to a missing GuiLock.

With it, it do work on Linux, but hangs on windows as before.

## #3 - 11/27/2012 05:17 PM - Massimo Del Fedele

Backtrace of application blocked after opening of FileSel dialog :

THREAD 1

0x76ee64f4 (ntdll.dll)

Upp::Mutex::Enter()

Upp::StaticMutex::Enter()

```

Upp::EnterGuiMutex(n=3)
Upp::Ctrl::GuiSleep0(ms=1000)
Upp::CallbackActionCallArg<void (cdecl*)(int),int,unsigned int>::Execute()
Upp::Callback::Execute()
Upp::Callback::operator>()
Upp::Ctrl::Call(cb={ action=3e631d8->{ count=1 } })
Upp::Ctrl::GuiSleep(ms=1000)
Upp::Ctrl::EventLoop0(ctrl=12e3d0->{ parent=0, top=3e131e0, exitcode=-2147483648, prev=0, next=0, firstchild=12e4d8, lastchild=12ef68, pos={ x={ data=1076299159 }, y={ data=1077019269 } }, rect={ left=78 'N', top=100 'd', right=1509, bottom=745 }, frame={ count=65115552, vector=3e195a0, elem0=12e40c "l???002" }, info={ len=0, .. }, .. })
Upp::CallbackActionCallArg<void (_cdecl*)(Upp::Ctrl *),Upp::Ctrl *,unsigned int>::Execute()
Upp::Callback::Execute()
Upp::Callback::operator>()
Upp::Ctrl::Call(cb={ action=3df7a08->{ count=1 } })
Upp::Ctrl::EventLoop(ctrl=12e3d0->{ parent=0, top=3e131e0, exitcode=-2147483648, prev=0, next=0, firstchild=12e4d8, lastchild=12ef68, pos={ x={ data=1076299159 }, y={ data=1077019269 } }, rect={ left=78 'N', top=100 'd', right=1509, bottom=745 }, frame={ count=65115552, vector=3e195a0, elem0=12e40c "l???002" }, info={ len=0, .. }, .. })
Upp::TopWindow::Run(appmodal=0)
GuiMainFn()
Upp::AppExecute(app=4146e6)
WinMain(hInstance=400000->{ unused=9460301 }, _formal=0, lpCmdLine=28c5ad "", nCmdShow=10)
_tmainCRTStartup()
WinMainCRTStartup()
Upp::XMLMenuEditor::cmdDbClickCb()

```

#### THREAD 2

```

0x76ee64f4 (ntdll.dll)
Upp::Ctrl::Win32OverwatchThread(__formal=0)

```

#### THREAD 3

```

0x76ee64f4 (ntdll.dll)
Upp::DHCtrl::State(reason=14)
Upp::CadView::State(reason=14)
Upp::Ctrl::StateDeep(reason=14)
Upp::Ctrl::StateDeep(reason=14)
Upp::Ctrl::StateDeep(reason=14)
Upp::Ctrl::StateDeep(reason=14)
Upp::Ctrl::StateDeep(reason=14)
Upp::Ctrl::StateDeep(reason=14)
Upp::Ctrl::StateH(reason=14)
Upp::Ctrl::Enable(aenable=0)
Upp::Ctrl::Disable()
Upp::DisableCtrls(ctrl=572b674->{ vector=546e7c8, items=2, alloc=2 }, exclude=572bcc8->{ parent=0, top=5437df8, exitcode=-2147483648, prev=0, next=0, firstchild=572e638, lastchild=572e508, pos={ x={ data=1093698234 }, y={ data=1081311693 } }, rect={ left=609, top=231, right=1307, bottom=692 }, frame={ count=1, vector=1, elem0=572bd04 "l???002" }, info={ len=22, s=5435fd8 "\177\177\177\177FileSelectorLayout" }, .. })
Upp::TopWindow::Run(appmodal=1)
Upp::FileSel::Execute(mode=0)
Upp::FileSel::ExecuteOpen(title=1ec05f8 "Select STEP file:")
StepImport(doc=3e1c518->{ uppCad=12e3d0, database={ objects={ }, nextHandle=6, transactions={ vector={ vector=0, items=0, alloc=0 } }, context={ }, undoRecords={ vector={ vector=0, items=0, alloc=0 } }, redoRecords={ vector={ vector=0, items=0, alloc=0 } }, layersIdx={ key={ key={ vector=3e1d4d8, items=4, alloc=4 }, .. }, .. }, .. })
CommandInterpreter::Process(s=572fe20->{ len=6, s=572fe20 "stepin" })

```

UppCadDocument::SendCommand(cmd={ len=6, s=572fe20 "stepin" })  
UppCadDocument::commandLoop()  
Upp::CallbackMethodAction<UppCadDocument,void (\_\_thiscall UppCadDocument::\*)(void)>::Execute()  
Upp::Callback::Execute()  
Upp::Callback::operator>()  
ThreadQueue::callLoop(cb={ action=3eb8678->{ count=2 } })  
Upp::CallbackMethodActionArg<ThreadQueue,void (\_\_thiscall ThreadQueue::\*)(Upp::Callback),Upp::Callback>::Execute()  
Upp::Callback::Execute()  
Upp::Callback::operator>()  
Upp::sThreadRoutine(arg=3e236e0)  
\_callthreadstartex()  
\_threadstartex(ptd=5324fe8)

**#4 - 04/07/2013 05:35 PM - Miroslav Fidler**

- Status changed from New to Approved