

---

Subject: [BUG] TheIDE doesn't restore window state correctly on Linux

Posted by [dolik.rce](#) on Sat, 08 Jan 2011 20:25:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

Some of the recent changes to maximize/minimize handling and/or SerializePlacement() causes that theide is no longer started in maximized state. The problem is, that now it doesn't restore correctly the state after restart, i.e. if I close maximized ide, it opens in normal state next time.

The logs from serialization say (only ide serialization related logs shown here for clarity):// Backup serialization before loading new data from file

TopWindow::SerializePlacement / write

minimized = false, maximized = true

rect = [0, 0] - [0, 0] : (0, 0), overlapped = [0, 0] - [0, 0] : (0, 0)

// LoadFromFile(ide); (ide/idewin.cpp:1003)

TopWindow::SerializePlacement / read

minimized = false, maximized = true

rect = [0, 15] - [1024, 600] : (1024, 585), overlapped = [0, 0] - [0, 0] : (0, 0)

// StoreToFile(ide); (ide/idewin.cpp:1031)

TopWindow::SerializePlacement / write

minimized = false, maximized = false

rect = [8, 32] - [1016, 592] : (1008, 560), overlapped = [0, 0] - [0, 0] : (0, 0)

// StoreToFile(ide); (ide/idewin.cpp:1036)

TopWindow::SerializePlacement / write

minimized = false, maximized = false

rect = [8, 32] - [1016, 592] : (1008, 560), overlapped = [0, 0] - [0, 0] : (0, 0)

As you can see, the StoreToFile() is called twice and between the calls the ide.state changes its value. I tried to track down where the change occurs and got into ProcessEvents() call Then I got lost (couldn't find out which event triggers the change). The backtrace at this point

was:ProcessEvents () at /home/h/upp-production/uppsrc/CtrlCore/X11Wnd.cpp:362

Process (this=0xbffe4d88) at /home/h/upp-production/uppsrc/CtrlLib/Progress.cpp:199

Setxt (this=0xbffe4d88) at /home/h/upp-production/uppsrc/CtrlLib/Progress.cpp:206

Create (this=0xbffe4d88) at /home/h/upp-production/uppsrc/CtrlLib/Progress.cpp:183

Process (this=0xbffe4d88) at /home/h/upp-production/uppsrc/CtrlLib/Progress.cpp:193

Setxt (this=0xbffe4d88) at /home/h/upp-production/uppsrc/CtrlLib/Progress.cpp:206

Set (this=0xbffe4d88, apos=37, atotal=0) at

/home/h/upp-production/uppsrc/CtrlLib/Progress.cpp:221

Step (this=0xbffe4d88, n=1) at /home/h/upp-production/uppsrc/CtrlLib/Progress.cpp:236

SyncRefsDir (dir=0xaf104210 "/home/h/MyApps/Wizard", rel=..., pi=...) at

/home/h/upp-production/uppsrc/ide/Browser/TopicBase.cpp:178

SyncRefsDir (dir=0xaf10c518 "/home/h/MyApps", rel=..., pi=...) at

/home/h/upp-production/uppsrc/ide/Browser/TopicBase.cpp:198

SyncRefs () at /home/h/upp-production/uppsrc/ide/Browser/TopicBase.cpp:209

SetMain (this=0xbffe58c0, package=...) at /home/h/upp-production/uppsrc/ide/ide.cpp:140

OpenMainPackage (this=0xbffe58c0) at /home/h/upp-production/uppsrc/ide/ide.cpp:172

GuiMainFn\_ () at /home/h/upp-production/uppsrc/ide/idewin.cpp:1030

main (argc=1, argv=0xbffff984, envptr=0xbffff98c) at

/home/h/upp-production/uppsrc/ide/idewin.cpp:731

I'm afraid that fixing this goes beyond my abilities Mirek, (or any other volunteer ), could you have a look at it? It is not really that much annoying to maximize the ide every time, but my desire for perfection suffers

BTW: In GUI\_APP\_MAIN there is (ide/idewin.cpp:839): Ide ide;

ide.Maximize();The call to Maximize is overwritten later, so it doesn't really matter and could be removed.

Best regards,

Honza

---