

## U++ - Bug #1960

### TheIDE crashes on macOS (Draw releated)

05/08/2019 05:51 PM - Zbigniew Rebacz

Status:	Approved	Start date:	05/08/2019
Priority:	High	Due date:	
Assignee:	Zbigniew Rebacz	% Done:	0%
Category:	Draw	Estimated time:	0.00 hour
Target version:	Release 2019.2 - NTH	Spent time:	0.00 hour

#### Description

Unexpected crash on mac (Not know reproducible scenario). Here is stack trace:

Thread 0 Crashed:: Dispatch queue: com.apple.main-thread

```
0  libsystem_kernel.dylib      0x00007fff7b56a2c6 __pthread_kill + 10
1  libsystem_pthread.dylib     0x00007fff7b61fbf1 pthread_kill + 284
2  libsystem_c.dylib          0x00007fff7b4d46a6 abort + 127
3  theide                    0x00000001004dad5a Upp::Panic(char const*) + 154
4  libsystem_platform.dylib   0x00007fff7b614b5d _sigtramp + 29
5  ???                       0x00007fffeefb1e8a8 0 + 140732919834792
6  com.apple.CoreGraphics    0x00007fff4f3cde8f CGDataProviderRetainBytePtr + 283
7  com.apple.CoreGraphics    0x00007fff4f3fdb1c CGDataProviderRetainData + 69
8  com.apple.CoreGraphics    0x00007fff4f3fd9d6 CGAccessSessionCreate + 98
9  com.apple.CoreGraphics    0x00007fff4f3fb9c5 img_data_lock + 2857
10 com.apple.CoreGraphics   0x00007fff4f3f6fde CGSImageaDataLock + 1258
11 com.apple.CoreGraphics   0x00007fff4f3f6a76 RIPIImageDataInitializeShared + 207
12 com.apple.CoreGraphics   0x00007fff4f3f6608 RIPIImageCacheGetRetained + 661
13 com.apple.CoreGraphics   0x00007fff4f3f6130 rpc_AcquireRIPIImageData + 293
14 com.apple.CoreGraphics   0x00007fff4f3f5465 rpc_DrawImage + 704
15 com.apple.CoreGraphics   0x00007fff4f3f5196 CGContextDelegateDrawImage + 41
16 com.apple.CoreGraphics   0x00007fff4f3f4974 CGContextDrawImageWithOptions + 432
17 com.apple.CoreGraphics   0x00007fff4f3f47af CGContextDrawImage + 51
18 theide                   0x00000001007e2100 Upp::SystemDraw::SysDrawImageOp(int, int, Upp::Image const&, Upp::Color) + 384
19 theide                   0x00000001007233da Upp::Draw::DrawImageOp(int, int, int, int, Upp::Image const&, Upp::Rect<int> const&, Upp::Color) + 442
20 theide                   0x0000000100723ac1 Upp::Draw::DrawImage(int, int, Upp::Image const&) + 65
21 theide                   0x000000010081b621 Upp::RichPara::Paint(Upp::PageDraw&, Upp::RichContext, Upp::PaintInfo const&, Upp::RichPara::Number const&, Upp::Bits const&, bool) const + 3745
22 theide                   0x000000010082469d Upp::RichTxt::Paint(Upp::PageDraw&, Upp::RichContext&, Upp::PaintInfo const&) const + 1165
23 theide                   0x0000000100835c9f Upp::RichText::Paint(Upp::PageDraw&, Upp::PageY, Upp::Rect<int> const&, Upp::PaintInfo const&) const + 95
24 theide                   0x00000001003a0b5a Upp::RichTextView::Paint(Upp::Draw&) + 730
25 theide                   0x00000001007cf576 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 998
26 theide                   0x00000001007cf732 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 1442
27 theide                   0x00000001007cf732 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 1442
28 theide                   0x00000001007cf732 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 1442
29 theide                   0x00000001007cf732 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 1442
30 theide                   0x00000001007cf732 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 1442
31 theide                   0x00000001007cf732 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 1442
32 theide                   0x00000001007cf732 Upp::Ctrl::CtrlPaint(Upp::SystemDraw&, Upp::Rect<int> const&) + 1442
33 theide                   0x00000001007d08b0 Upp::Ctrl::UpdateArea0(Upp::SystemDraw&, Upp::Rect<int> const&, int) + 128
```

```

34 theide          0x00000001007d0c85 Upp::Ctrl::UpdateArea(Upp::SystemDraw&, Upp::Rect<int> const&) + 245
35 theide          0x00000001007ed3c9 -[CocoView drawRect:] + 233
36 com.apple.AppKit      0x00007fff4c765a6e _NSViewDrawRect + 66
37 com.apple.AppKit      0x00007fff4c7642fc -[NSView(NSInternal)
_recursive:displayRectIgnoringOpacity:inContext:shouldChangeFontReferenceColor:stopAtLayerBackedViews:] + 1627
38 com.apple.AppKit      0x00007fff4c763c8f __46-[NSView(NSLayerKitGlue) drawLayer:inContext:]_block_invoke + 192
39 com.apple.AppKit      0x00007fff4c7639ec -[NSView(NSLayerKitGlue)
_drawViewBackingLayer:inContext:drawingHandler:] + 1720
40 com.apple.QuartzCore    0x00007fff59a035e2 CABackingStoreUpdate_ + 577
41 com.apple.QuartzCore    0x00007fff59a64b99 invocation function for block in CA::Layer::display_() + 53
42 com.apple.QuartzCore    0x00007fff59a027ec -[CALayer _display] + 1830
43 com.apple.AppKit        0x00007fff4c762f9e _NSBackingLayerDisplay + 528
44 com.apple.AppKit        0x00007fff4c7474a1 -[_NSViewBackingLayer display] + 811
45 com.apple.QuartzCore    0x00007fff59a01d1d CA::Layer::display_if_needed(CA::Transaction*) + 627
46 com.apple.QuartzCore    0x00007fff599eff42 CA::Context::commit_transaction(CA::Transaction*) + 342
47 com.apple.QuartzCore    0x00007fff599ef58a CA::Transaction::commit() + 588
48 com.apple.AppKit        0x00007fff4c73e0a1 __65+[CATransaction(NSCATransaction)
NS_setFlushesWithDisplayRefresh]_block_invoke + 274
49 com.apple.CoreFoundation 0x00007fff4f013e88
__CFRUNLOOP_IS_CALLING_OUT_TO_AN_OBSERVER_CALLBACK_FUNCTION_ + 23
50 com.apple.CoreFoundation 0x00007fff4f013dbd __CFRunLoopDoObservers + 451
51 com.apple.CoreFoundation 0x00007fff4efb64d0 __CFRunLoopRun + 1136
52 com.apple.CoreFoundation 0x00007fff4efb5e0e CFRunLoopRunSpecific + 455
53 com.apple.HIToolbox      0x00007fff4e2a29db RunCurrentEventLoopInMode + 292
54 com.apple.HIToolbox      0x00007fff4e2a261d ReceiveNextEventCommon + 355
55 com.apple.HIToolbox      0x00007fff4e2a24a6 _BlockUntilNextEventMatchingListInModeWithFilter + 64
56 com.apple.AppKit         0x00007fff4c63cffb _DPSNextEvent + 965
57 com.apple.AppKit         0x00007fff4c63bd93 -[NSApplication(NSEvent)
_nextEventMatchingEventMask:untilDate:inMode:dequeue:] + 1361
58 theide            0x00000001007e98ca Upp::Ctrl::ProcessEvent(bool*) + 346
59 theide            0x00000001007e99f6 Upp::Ctrl::ProcessEvents(bool*) + 54
60 theide            0x00000001007e9bf4 Upp::Ctrl::EventLoop(Upp::Ctrl*) + 292
61 theide            0x00000001007de6f6 Upp::TopWindow::Run(bool) + 390
62 theide            0x000000010019f95e GuiMainFn_() + 2926
63 theide            0x000000010019ed41 main + 225
64 libdyld.dylib      0x00007fff7b42f3d5 start + 1

```

## History

#1 - 05/08/2019 06:00 PM - Zbigniew Rebacz

Here is next crash:

```

Thread 0 Crashed:: Dispatch queue: com.apple.main-thread
0 libsystem_kernel.dylib    0x00007fff7b56a2c6 __pthread_kill + 10
1 libsystem_pthread.dylib   0x00007fff7b61fb1 pthread_kill + 284
2 libsystem_c.dylib         0x00007fff7b4d46a6 abort + 127
3 theide                  0x000000010b7675da Upp::Panic(char const*) + 154
4 libsystem_platform.dylib  0x00007fff7b614b5d _sigtramp + 29
5 ???                     0x00007fffee4893940 0 + 140732732619072

```

```
6 com.apple.CoreGraphics          0x00007fff4f3cde8f CGDataProviderRetainBytePtr + 283
7 com.apple.CoreGraphics          0x00007fff4f3fdb1c CGDataProviderRetainData + 69
8 com.apple.CoreGraphics          0x00007fff4f3fd9d6 CGAccessSessionCreate + 98
9 com.apple.CoreGraphics          0x00007fff4f3fb9c5 img_data_lock + 2857
10 com.apple.CoreGraphics         0x00007fff4f3f6fde CGSImageaDataLock + 1258
11 com.apple.CoreGraphics         0x00007fff4f3f6a76 RIPImageDataInitializeShared + 207
12 com.apple.CoreGraphics         0x00007fff4f3f6608 RIPImageCacheGetRetained + 661
13 com.apple.CoreGraphics         0x00007fff4f3f6130 r ipc_AcquireRIPImageData + 293
14 com.apple.CoreGraphics         0x00007fff4f3f5465 r ipc_DrawImage + 704
15 com.apple.CoreGraphics         0x00007fff4f3f5196 CGContextDelegateDrawImage + 41
16 com.apple.CoreGraphics         0x00007fff4f3f4974 CGContextDrawImageWithOptions + 432
17 com.apple.CoreGraphics         0x00007fff4f3f47af CGContextDrawImage + 51
18 theide                          0x0000000010ba6e980 Upp::SystemDraw::SysDrawImageOp(int, int, Upp::Image const&, Upp::Color) + 384
19 theide                          0x0000000010b9afc5a Upp::Draw::DrawImageOp(int, int, int, int, Upp::Image const&, Upp::Rect_<int> const&, Upp::Color) + 442
20 theide                          0x0000000010b9b0341 Upp::Draw::DrawImage(int, int, Upp::Image const&) + 65
21 theide                          0x0000000010baa7ea1 Upp::RichPara::Paint(Upp::PageDraw&, Upp::RichContext, Upp::PaintInfo const&, Upp::RichPara::Number const&, Upp::Bits const&, bool) const + 3745
22 theide                          0x0000000010bab0f1d Upp::RichTxt::Paint(Upp::PageDraw&, Upp::RichContext&, Upp::PaintInfo const&) const + 1165
23 theide                          0x0000000010bac251f Upp::RichText::Paint(Upp::PageDraw&, Upp::PageY, Upp::Rect_<int> const&, Upp::PaintInfo const&) const + 95
```

## #2 - 08/03/2019 02:45 PM - Miroslav Fidler

- Status changed from New to Ready for QA
- Assignee changed from Miroslav Fidler to Zbigniew Rebacz

## #3 - 09/09/2019 02:48 PM - Zbigniew Rebacz

- Status changed from Ready for QA to Approved