Subject: Why does this code hang?
Posted by slashupp on Sun, 25 Oct 2015 11:59:36 GMT
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(debian 64-bit)

Based on reply by unodgs: http:// www.ultimatepp.org/forums/index.php?t=msg&th=6809&goto=36746&#msg_36746
The following code hangs when a tab is clicked:

```
#include <CtrlLib/CtrlLib.h>
#include <TabBar/TabBar.h> //must add package TabBar

using namespace Upp;

struct test_tabbar : public TopWindow
{
 typedef test_tabbar CLASSNAME;
 TabBar TB;
 test_tabbar();
 void ontab();

};

test_tabbar::test_tabbar()
{
 Title("test_tabbar");
 Add(TB);
 TB.HSizePosZ(0, 0).VSizePosZ(0, 0);
 TB.AddKey("one", "tab one");
 TB.AddKey("two", "tab two");
 TB.AddKey("three", "tab three");
 TB.WhenAction = THISBACK(ontab);
}

void test_tabbar::ontab()
{
 PromptOK(TB.Get(TB.GetKey(TB.GetHighlight())).ToString());
}

GUI_APP_MAIN
{
 test_tabbar().Run();
}
```

Subject: Re: Why does this code hang?
Posted by deep on Mon, 26 Oct 2015 05:28:49 GMT
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Hi Slashupp,

TB.GetHighlight() will return int.

TB.GetKey() will fail to return any value because it will expect one of the Keys you have added as input argument.

TB.GetKey(TB.GetHighlight()) -- This is giving you error.

All the keys added are Strings.

Subject: Re: Why does this code hang?
Posted by slashupp on Mon, 26 Oct 2015 07:23:12 GMT
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No, that code is correct - it works as expected, after/when the prompt is shown, the app hangs

Subject: Re: Why does this code hang?
Posted by omari on Mon, 26 Oct 2015 17:58:38 GMT
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try this:

```
void test_tabbar::ontab()
{
 if(TB.FindKey(TB.GetHighlight()) >= 0)
 {
  PromptOK(TB.Get(TB.GetKey(TB.GetHighlight())).ToString());
 }
 else
 {
  PromptOK("key Not found");
 }

 PromptOK(TB.Get(TB.GetKey(TB.GetCursor())).ToString());
}
```

Subject: Re: Why does this code hang?
Posted by slashupp on Tue, 27 Oct 2015 06:21:11 GMT
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GetHighlight() returns index into tabs stack and will not work in this case (with FindKey())

the keys i use are strings
i know they are valid when any tab is selected
the code i wrote works until the prompt is displayed and then it hangs the tty and i have to use another tty to kill the app

Subject: Re: Why does this code hang?
Posted by omari on Wed, 28 Oct 2015 10:29:20 GMT
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your code works as expected on Win 7, without hangs.

i will test with debian at home.