Subject: PrintJob does not works on "large project"
Posted by alex100 on Tue, 28 Dec 2010 14:51:33 GMT
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Hi all
I have a problem on printing that just happens on a large UPP project I have.

If I compile and execute the following project:

```
#include "teste2.h"
teste2::teste2()
{
 CtrlLayout(*this, "Window title");
 btBut <<= THISBACK(OnBut);
}
void teste2::OnBut(void)
{
 PrinterJob pj;
 Draw& w = pj;
 w.StartPage();
 w.DrawText(0, 0, "Hello world!", Roman(100));
 w.EndPage();

}
GUI_APP_MAIN
{
 teste2().Run();
}
```

the printer prints the message.

But in a large GUI project I use the same code on a button handler and the printer does not move its printing head...
(In this large project I included also the Report support for printing other things on other menu/button options.)

```
void CSearchHistory::OnButtonOPrint(void)
{
 PrinterJob pj1("History job");
 Draw& w1 = pj1;
 w1.StartPage();
 w1.DrawText(0, 0, "Hello world!", Roman(100));
 w1.EndPage();
}
```

Any ideads to catch the problem?
I put an Exclamation on the method beginning and at method end and i realized that OnButtonOPrint method is executed from the beginning until the end.

By the way, debuging facility on the IDE never worked for me...

Env: win7, Mingw and Upp 2901

Thanks a lot
Alex

Subject: Re: PrintJob does not works on "large project"
Posted by mirek on Tue, 28 Dec 2010 16:39:53 GMT
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alex100 wrote on Tue, 28 December 2010 09:51Hi all
I have a problem on printing that just happens on a large UPP project I have.

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 w1.EndPage();
}
```

Any ideads to catch the problem?

First thing that comes to mind is that you have problem with default printer.

Try pj1.Execute() before Draw& .... line to find out.

Quote:

By the way, debuging facility on the IDE never worked for me...

Env: win7, Mingw and Upp 2901

I strongly recommend avoiding mingw and using free Win7 SDK... Saves a lot of troubles, debugging included, and produces better code too.

Mirek

Subject: Re: PrintJob does not works on "large project"
Posted by alex100 on Tue, 28 Dec 2010 17:15:49 GMT
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If I put the following code lines

```
bool b= pj1.Execute();
if(!b)
   Exclamation("Error");
```

The printer dialog do not shows up and Execute returns false

By the way, I thought that all of you (UPP authors) would advice to use Mingw... But ok, if you are saying that free VC++ from MS is a better choise (for windows development) I will try it.

But tell me, does free VC++ builds applications that do not need to run above .NET framework? I hate .NET framewaork. It is a monster!
I like windows applications that run without the need of .NET.

Alex

Subject: Re: PrintJob does not works on "large project"
Posted by mirek on Wed, 29 Dec 2010 08:32:23 GMT
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alex100 wrote on Tue, 28 December 2010 12:15If I put the following code lines

```
bool b= pj1.Execute();
if(!b)
   Exclamation("Error");
```

The printer dialog do not shows up and Execute returns false

Interesting!

I would now tried DDUMP(GetLastErrorMessage()) - perhaps it would give a clue what is wrong.

Then, of course, install SDK and try to debug .Execute.

Quote:
By the way, I thought that all of you (UPP authors) would advice to use Mingw... But ok, if you are saying that free VC++ from MS is a better choise (for windows development) I will try it.
But tell me, does free VC++ builds applications that do not need to run above .NET framework? I hate .NET framewaork. It is a monster!

Yes. You have to install .NET to install SDK, but compiled apps are .NET free...

Subject: Re: PrintJob does not works on "large project"
Posted by alex100 on Wed, 29 Dec 2010 11:51:43 GMT
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GetLastErrorMessage() = Error not specified...

But what SDK do you mean? Do you mean VC++ express edition?

Alex

Subject: Re: PrintJob does not works on "large project"
Posted by mirek on Wed, 29 Dec 2010 14:44:25 GMT
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alex100 wrote on Wed, 29 December 2010 06:51GetLastErrorMessage() = Error not specified...

Well, thinking about it, the most likely hypothesis is that you have screwed stack or heap somewhere in your code.

Should be testable by putting this to the beginning of MAIN.

Quote:
But what SDK do you mean? Do you mean VC++ express edition?

Alex

The one that is recommended when installing U++.

http://www.ultimatepp.org/appideinstall$en-us.html

It also contains C++ compiler... So no need to install VC++ (unless you want to use it as 'external' debugger).

And it is the one and proper C SDK for Windows anyway.

Subject: Re: PrintJob does not works on "large project"
Posted by alex100 on Wed, 29 Dec 2010 16:55:08 GMT
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Great, but i did not found anything about licence, saying that it is free for developping commercial applications. Is it?

Alex

Subject: Re: PrintJob does not works on "large project"
Posted by alex100 on Wed, 05 Jan 2011 15:46:39 GMT
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The problem arises from the code

printjob.cpp
::Execute0

```
if(!PrintDlg(&dlg))
{
    DWORD x= CommDlgExtendedError();
```

the CommDlgExtendedError returns 0x1008 which means
"A default printer does not exist."

How to solve this?

Again, the following small project runs well...

```
#include "teste2.h"


teste2::teste2()
{
 CtrlLayout(*this, "Window title");
 btBut <<= THISBACK(OnBut);


}

void teste2::OnBut(void)
{
 PrinterJob pj;
 Draw& w = pj;
 w.StartPage();
 w.DrawText(0, 0, "Hello world!", Roman(100));
 w.EndPage();

}

GUI_APP_MAIN
{
 teste2().Run();
}
```

It seems that it is something related with that project/executable...

Thanks

Alex

Subject: Re: PrintJob does not works on "large project"
Posted by mirek on Sat, 08 Jan 2011 12:15:29 GMT
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alex100 wrote on Wed, 05 January 2011 10:46The problem arises from the code

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::Execute0

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 w.EndPage();

}

GUI_APP_MAIN
{
 teste2().Run();
}
```

It seems that it is something related with that project/executable...

Thanks

Alex

Well, the general approach I am using in cases like this (you have big project with strange behaviour of unknown source) is to "exclude" the code until it starts working.

E.g. rename "GUI_APP_MAIN" of above code to "DoTest", then put all of that to your project (temorarily) and call DoTest at beginning of your big app GUI_APP_MAIN. If it does not work, there is a bug in global constructor somewhere. If it works ok, start it moving down the code... until it stops - then you have identified what makes the error.