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Subject: Compile with upp-win32-7207 - bugs  
Posted by [ratah](#) on Fri, 11 Apr 2014 08:47:03 GMT  
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Hello all,

I've got the nightly built 04/10/2014 07:12:25 upp-win32-7207.exe  
and get this bug. May I forget something?

In file included from C:/upp/out/MyApps/CtrlCore/MINGW.Debug.Debug\_Full.Gui\\$(blitz  
.cpp:145:0:  
C:/upp/uppsrc/CtrlCore/ImageWin32.cpp: In member function 'void  
Upp::ImageSysData::Paint(Upp::SystemDraw&, int, int, const Rect&, Upp::Color  
)':  
C:/upp/uppsrc/CtrlCore/ImageWin32.cpp:288:43: error: 'SHADEBLENDCAPS' was not declared in  
this scope  
C:/upp/uppsrc/CtrlCore/ImageWin32.cpp:288:62: error: 'SB\_PIXEL\_ALPHA' was not declared in  
this scope  
C:/upp/uppsrc/CtrlCore/ImageWin32.cpp:288:77: error: 'SB\_PREMULT\_ALPHA' was not declared  
in this scope  
CtrlCore: 57 file(s) built in (0:02.29), 40 msec / file, duration = 4718 msec, parallelization 100%  
RichText: 22 file(s) built in (0:07.47), 339 msec / file, duration = 9969 msec, parallelization 91%

There were errors. (0:10.25)

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Subject: Re: Compile with upp-win32-7207 - bugs  
Posted by [mirek](#) on Fri, 11 Apr 2014 10:39:19 GMT  
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Do you have latest MINGW? It seems like something is missing in headers...

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Subject: Re: Compile with upp-win32-7207 - bugs  
Posted by [ratah](#) on Fri, 11 Apr 2014 22:28:34 GMT  
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Hi Mirek,

Thank you!

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Subject: Re: Compile with upp-win32-7207 - bugs  
Posted by [koldo](#) on Fri, 11 Apr 2014 23:04:22 GMT

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Hello Mirek

I have the same problem, even after reinstalling TDM GCC, but only in 32 bits. Maybe the problem is this:

- In Core/config.h, line 17, there is a #define WINVER WindowsXP

- In wingdi.h, there is a:

```
#if(WINVER >= 0x0500)
```

```
#define SHADEBLENDCAPS 120
```

...

This means that SHADEBLENDCAPS and other are not included.

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Subject: Re: Compile with upp-win32-7207 - bugs

Posted by [mirek](#) on Mon, 14 Apr 2014 18:43:51 GMT

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koldo wrote on Fri, 11 April 2014 23:04Hello Mirek

I have the same problem, even after reinstalling TDM GCC, but only in 32 bits. Maybe the problem is this:

- In Core/config.h, line 17, there is a #define WINVER WindowsXP

- In wingdi.h, there is a:

```
#if(WINVER >= 0x0500)
```

```
#define SHADEBLENDCAPS 120
```

...

This means that SHADEBLENDCAPS and other are not included.

I have tested with my copy of mingw, seems OK, so I am unable to provide a reliable fix.

I would propose fixing this with something like

```
#ifndef SHADEBLENDCAPS
```

```
#define SHADEBLENDCAPS 120
```

```
#endif
```

.... and so forth, put into ImageWin32.cpp.

Could you try that please?

Mirek

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Subject: Re: Compile with upp-win32-7207 - bugs

Posted by [koldo](#) on Mon, 14 Apr 2014 21:06:59 GMT

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Hello Mirek

SHADEBLENDCAPS, SB\_PIXEL\_ALPHA, and others are already defined. By any reason, in Core/config.h, line 17, there is a `#define WINVER WindowsXP`, so all includes in wingdi.h are discarded, as all of them are under a `#if(WINVER >= 0x0500)`.

Just removing the `#define WINVER WindowsXP` or using a `#define WINVER 0x0500` would solve the problem.

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