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Subject: Problem with IDE Installation on Windows 98  
Posted by [MathOnNapkins](#) on Wed, 30 Nov 2005 00:38:49 GMT  
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(topic name edited and moved by fudadmin)

I am new to Ultimate++ and wanted to give it a try but I encountered a problem with the IDE and possibly the installer as well. The latter concern is really the crux of my question.

My system:

Athlon 3000XP

512 MB RAM

Windows 98 SE (your documentation says it supports Windows 98, don't laugh at me)

2GB of hard drive space available on a 40GB D: drive.

First this:

"The PSAPI.DLL file is linked to missing export NTDLL:DLL:NtAllocateVirtualMemory"

Then immediately afterwards:

"D:\upp\theide.exe

A device attached to the system is not functioning"

This the error I get when I try to install using upp-win-511.exe. It gets through the "storing files" section then goes to the next progress bar, and about halfway through it gives me the errors.

At first I thought it was the fact that I didn't have an NT windows OS like 2k or XP. But I do have an ntdll.dll file in my C:/windows/system/ folder.

I think it occurs during the installation b/c the installer tries to start the IDE after it's finished. I say this b/c the files do in fact seem to get copied to D:/upp/, but the IDE gives me the same exact message if I try to start it, then promptly quits.

So the question is, is this a problem with my computer, or is it a bug with U++? And if it's a bug, is it a problem with the IDE alone, or would you think I could still use the files provided without the IDE? I plan to use U++ for developing an application in VS C++ 6.0.

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Subject: Re: Problem with IDE Installation on Windows 98  
Posted by [fudadmin](#) on Wed, 30 Nov 2005 07:44:49 GMT  
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MathOnNapkins wrote on Tue, 29 November 2005 19:38(topic name edited and moved by fudadmin)

My system:

...

Windows 98 SE (your documentation says it supports Windows 98, don't laugh at me)

...

I'm no expert but because nobody answered quickly, so...

from: <http://www.arilect.com/upp/forum/index.php?t=msg&th=12&a mp;start=0&>

Quote: Normal TheIDE ships with MSC++ debugger enabled and it needs Win2000/XP. It is however possible to compile TheIDE without this support - it will support mingw only debugger then.

I will upload this "fixed" theide.exe to sf.net soon.

Other issue of course is that due to stability issues, I cannot imagine using WinME for serious development Smile

Note that this is just the problem of TheIDE (and debugger). Apps should run on anything since Win95.

MathOnNapkins wrote on Tue, 29 November 2005 19:38

"The PSAPI.DLL file is linked to missing export NTDLL:DLL:NtAllocateVirtualMemory"

This also might be useful:

Quote:

Toolhelp Functions

Win32 implementation on Windows 95/98 provides some functions that enable you to enumerate the processes running in the system, module list, and so on. These functions are provided by KERNEL32.DLL.

The functions are CreateToolHelp32 SnapShot, Process32First, Process32Next, and others.

These functions are not implemented under Windows NT's implementation of KERNEL32.

The programs that use these functions implicitly will not start at all under Windows NT.

The Windows NT 4.0 SDK comes with a new DLL called PSAPI.DLL, which provides the equivalent functionality.

The header file for this PSAPI.H is also included with the Windows NT 4.0 SDK. Windows 2000 has this toolhelp functionality built into KERNEL32.DLL.

More on this <http://www.windowstlibrary.com/Content/356/03/2.html>

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Subject: Re: Problem with IDE Installation on Windows 98

Posted by [mirek](#) on Wed, 30 Nov 2005 12:27:58 GMT

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Sorry, that part would need better clarification. TheIDE needs NT kernel in order to make internal debugger work.

However, applications developed using U++ should work on any Win32 system.

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Subject: Re: Problem with IDE Installation on Windows 98

Posted by [MathOnNapkins](#) on Wed, 30 Nov 2005 18:27:07 GMT

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Awesome. Thanks for the great info. I don't think I'll need the IDE anyways (though it looks cool I have to admit). I just wanted to be sure it had installed correctly.

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Subject: Re: Problem with IDE Installation on Windows 98

Posted by [mirek](#) on Wed, 30 Nov 2005 19:48:32 GMT

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Actually, if you are about to do anything with U++, you likely will need TheIDE - because only TheIDE understands U++ project system.

I am uploading win98 version to sf.net right now. Check file releases later to get it. I hope it will work, however I was able just to perform basic testing... (like "it compiles and showed initial main package selection dialog")

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