



## Document - CS46526

### Document Information

<b>Type</b>	Article
<b>Date Created</b>	02-Feb-2012 14:14:58 EST
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### Document Details

<b>Title</b>	Client embedded and standalone internet explorer browser performance improvements available with Microsoft Hotfix 9192307 or Microsoft Hotfix 942840.
<b>Description</b>	<p>Performance improvements in the form of reduced time and client CPU usage when performing below actions:</p> <ul style="list-style-type: none"> <li>• Workspace refresh</li> <li>• Download</li> <li>• Add to workspace</li> <li>• Checkout</li> <li>• Checkin</li> <li>• Update</li> <li>• Other actions when dealing with a large list of objects</li> </ul> <p>These are available with an optimized system jscript.dll delivered via Microsoft Hotfix 919237 or Microsoft Hotfix 942840 (both compatible with Internet Explorer 6.0) or</p> <ul style="list-style-type: none"> <li>• upgrading to Internet Explorer 7.0 or</li> <li>• installing Windows XP SP3 or</li> <li>• installing Windows Script 5.7 or installing Windows Vista or</li> <li>• installing Windows 7.0 and</li> <li>• setting the Windows registry settings documented in this TPI.</li> </ul>
<b>Applies To</b>	<ul style="list-style-type: none"> <li>• Internet Explorer 6.0-9.0</li> <li>• Windchill 6.2-10 and later releases</li> </ul>
<b>Cause</b>	
<b>Resolution</b>	<ul style="list-style-type: none"> <li>• The jscript.dll performance fixes are included in Internet Explorer 7.0+, Windows XP SP3, Microsoft Script 5.7, Windows Vista, Windows 7.0. The fix also requires Windows Registry settings so if running one of these configurations, installing either hotfix is not necessary but setting the Windows registry settings is required.</li> </ul>

**!!Regardless of how a fix is obtained, the Windows Registry settings from this TPI must be set in all cases!!**

- Contact Microsoft to obtain the hotfix (for IE6 clients)

<http://support.microsoft.com/contactussupport/?ws=support>  
<http://support.microsoft.com/?kbid=919237>

- or obtain the updated KB942840 fix directly from <http://support.microsoft.com/?kbid=942840>

If installing KB919237 on XP x64, request the hotfix for Server 2003 x64.

- Install the hotfix on the client machine. It can be installed manually or automatically via the use of login scripts, group policy tools or other patch management products.
- Add (create) the new Registry keys and values as documented in this TPI, not from the Microsoft article. Refer to Microsoft instructions and warnings regarding registry modification as detailed in KB919237 article. Perform registry modifications in ALL environments (i.e. IE6, IE7, IE8, Windows Script 5.7, Vista, Windows 7).

Windows Registry Editor Version 5.00

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows Script\Features]

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows Script\Features\iexplore]

"GcVarTrigger"=dword:00010000  
 "GcValTrigger"=dword:00010000  
 "GccbSysTrigger"=dword:00040000

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows Script\Features\xtop]

"GcVarTrigger"=dword:00010000  
 "GcValTrigger"=dword:00010000  
 "GccbSysTrigger"=dword:00040000

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows Script\Features\ptc\_ie\_server]

"GcVarTrigger"=dword:00010000  
 "GcValTrigger"=dword:00010000  
 "GccbSysTrigger"=dword:00040000

[HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows Script\Features\uwgm\_client]

"GcVarTrigger"=dword:00010000  
 "GcValTrigger"=dword:00010000  
 "GccbSysTrigger"=dword:00040000

- Restart the client machine

**Note:**

The registry settings can be set manually, by copying the aforementioned values into a \*.reg file and executing the file, on runtime with the syntax "regedit.exe /s path of .reg file", on login to the machine, or by other means. See the "Distributing Registry Changes" section of <http://support.microsoft.com/kb/310516> for additional info.

## SPR Information

## Related Documents

Type	Number	Status	Description
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