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Subject: Re: FPS Drop/Game Stutter at beginning of new levels

Posted by [XPiRX](#) on Sun, 06 Jul 2014 04:59:29 GMT

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saberhawk wrote on Sat, 05 July 2014 21:51XPiRX wrote on Sat, 05 July 2014 21:06

I just don't understand why after a fresh install its stutter free for a while. Its obvious to me that scripts 4 is causing the issue, but i cant figure out why it doesn't happen right away after a fresh install.

Most stutters are currently caused by the game trying to load a file on demand. Some files need to be loaded immediately so the game does nothing else while waiting for Windows to read them (which causes the stutter). Other files can be loaded asynchronously in the background (like textures). Those won't stutter but may cause immediate loads to wait longer.

The reason a "fresh install" seems stutter-free is because Windows uses free RAM to cache file contents. Task Manager shows this as the cached amount.

Disks are still significantly slower than RAM so if all the game files are cached everything loads much faster.

I just said in my previous post that I restarted after a fresh install, therefore clearing all of the "cached file contents" from RAM. Also, I have no shortage of RAM (16GB), I have 10-12GB free on average when playing renegade.

Again, scripts 3.4 caused no such stutter issues, neither does a virgin renegade install. With scripts 4 however, I get the fucking stutters. I have come to the conclusion that there is some memory issue/leak with scripts 4 that after having loading renegade a few times it starts to cause stuttering. I'm waiting for my newest reinstall to start stuttering, I will restart and see if that fixes the stuttering. If so, that means its most likely a memory leak issue within scripts 4.

I'm fully aware that disks are slower than RAM. Restarting after a fresh install clears everything that is cached in RAM... and yet there is NO stuttering. After a a few games(opening and closing of renegade, not matches) the stutter appears to point to some type of memory issue within scripts 4. Again, scripts 3.4 DID NOT CAUSE THIS ISSUE, its only within scripts 4. I'm just waiting for the stuttering to reappear and then I will restart my system (I don't restart often at all) and see if the stutter disappears.

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