

Firefox 147.0.2

Windows 7 CRACK

<https://cracklab.team/PAunlock/>

https://github.com/Blaukovitch/Mozilla_Firefox_Windows_7

**Play
with
me,
boy!**



What is this?

This is a binary hack of the officially distributed Firefox browser (EN). This project is a continuation and fork of the more well-known and initial Google Chrome Windows 7 crack project, from which the key based principles of hacking the application were borrowed.

Since Firefox is open source software, a similar hack could be achieved by editing the program's source code, but Mozilla itself could do this. To a greater extent, the goal of this project is to show:

- 1) how insignificant the differences between Windows 7 and Windows 10 are, in order to undermine Microsoft;
- 2) how lazy and stupid software corporations are, refusing in the most absurd way to support Windows 7 / Windows Server 2012, even though there are simply no technical obstacles to doing so;

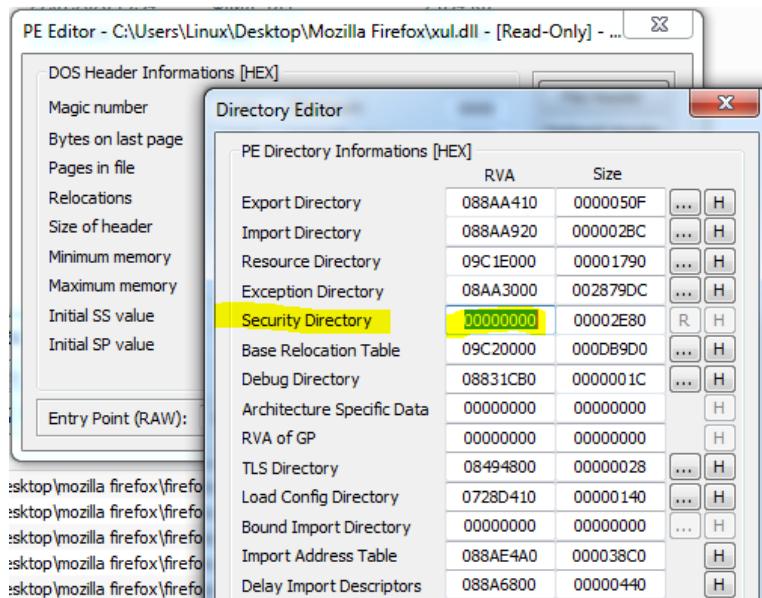
The authors of this hack rightly consider Windows 7 to be one of the best operating systems ever released by Microsoft. Although Mozilla continues to release ESR versions of Firefox 115 at the moment, it could just as easily release the latest versions of Firefox with Windows 7 support. You can see for yourself.

Be advised! Google and Microsoft have already blocked these GitHub repositories in accordance with DMCA enforcements.

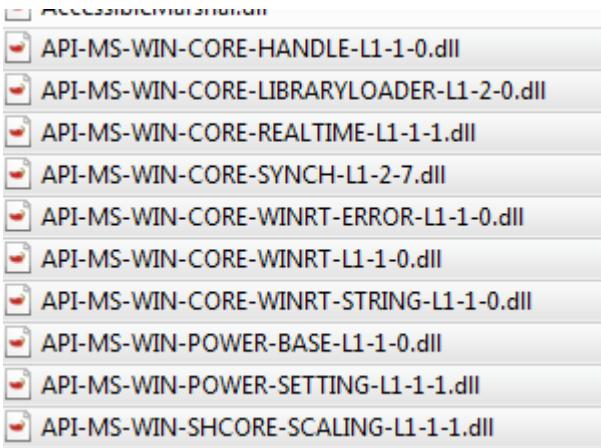


Security (anti-virus) warnings:

Most PE COFF files in the folder have had their digital signatures removed. Since binary changes have been made, the checksum of such a file is naturally violated and the signature becomes invalid. Since antivirus software may consider such a file to be infected in this case, the contents of the field in the security section of the PE file are reset to zero (as shown in the example of the dynamic library **xul.dll**, which is opened in the **PeTools** hacker utility):



If you have any antivirus issues, please report them as a regular technical issue on GitHub or contact me by any available means.



How this work?

For the most part, the issue lies in the missing WinAPI functions for the Windows 7 operating system. Similar technical problems are already being solved by projects such as **VxKex** (**VxNext**). In the case of our project, we use standard dynamic libraries-wrappers¹ over Windows system libraries that emulate the missing WinAPI. Fortunately, this is a fairly simple process, and there are no more than 20 missing WinAPI functions. Naturally, it

was necessary to edit the PE COFF file import table for correct calling in the Windows 7 environment.

A binary code change has also been made, mostly affecting UNICODE strings in “bcryptprimitives.dll” (a Windows system library used to generate random numbers when creating cryptographic algorithms), various GUIDs located in the .rdata section of PE COFF files, and the disabling of certain functions related to the creation of COM objects (WinAPI CoCreateInstance), which is necessary to eliminate the crashes found.

More technical Firefox Windows 7 CRACK information is available in the section below.

¹ API-MS-WIN_XP open source project https://github.com/Blaukovitch/API-MS-WIN_XP

How to start?

1) Recommended **BACKUP** you current Firefox profiles in folder
"%APPDATA%\Mozilla\Firefox\Profiles\"



To quickly navigate to the Profiles folder, you can use a batch script file **!Mozilla_Profiles.bat**

2) You can use any method convenient for you:

a. to replace the existing version of Firefox in the folder C:\Program Files\Mozilla Firefox

b. or simply copy it to any other separate folder. In this case, the only difference will be which of the two browsers you want to set as the default to launch;

3) Launch **Firefox.exe** or **private_browsing.exe**

4) DRM-play support. Although the **widevinecdm.dll** file («Widevine Content Decryption Module provided by Google Inc.») is already located in the program folder, it is advisable to copy it after the first launch to the profile folder, where it is usually located (with API-MS_WIN_XP libs **kernel64.dll** and **xcryptprimitives.dll**):

"%APPDATA%\Mozilla\Firefox\Profiles\{you_profile_name}\gmp-widevinecdm\{version}\"

Next step you must disable auto-update this plugin in to Firefox Config menu (`about:addons`):

The screenshot shows the Firefox Add-ons Manager interface. The title bar says "Add-ons Manager". The address bar shows "Firefox about:addons". On the left, there's a sidebar with "Recommendations", "Extensions", "Themes", and "Plugins" (which is currently selected). The main content area displays the "Widevine Content Decryption Module provided by Google Inc." The description explains it enables playback of encrypted media. Below the description are sections for "Privacy Information", "Allow automatic updates" (with radio buttons for "Default", "On", and "Off" where "Off" is selected), "Version" (4.10.2934.0), "Last Updated" (January 30, 2026), and "Homepage" (<https://www.widevine.com/>). A search bar at the top right says "Search addons.mozilla.org".

If you need a determine `widevinecdm.dll` arch:

1. `manifest.json`. Contains next JSON data at the end of file:

widevinecdm.dll x86 arch:

```
...
  "accept_arch": [
    "i486",
    "x86"
]
```

widevinecdm.dll x64 arch:

```
...
  "accept_arch": [
    "x64",
    "x86_64",
    "x86_64h"
]
```

2. [CFF Explorer](#) or [PETools](#) or another [Microsoft PE COFF format tool](#) (for `widevinecdm.dll` in `%APPDATA%\Mozilla\Firefox\Profiles\...`). View `NT_HEADER > File Header -> Machine value` (`0x14C` - x86/Intel 386, `0x200` - x64/Intel 64)



You can use **!PATCH_PROFILE_DRM_DLL_x86.bat** or **!PATCH_PROFILE_DRM_DLL_x64.bat** for automatic patch all profile addons. But you can know, that **only one arch** used for our Windows.

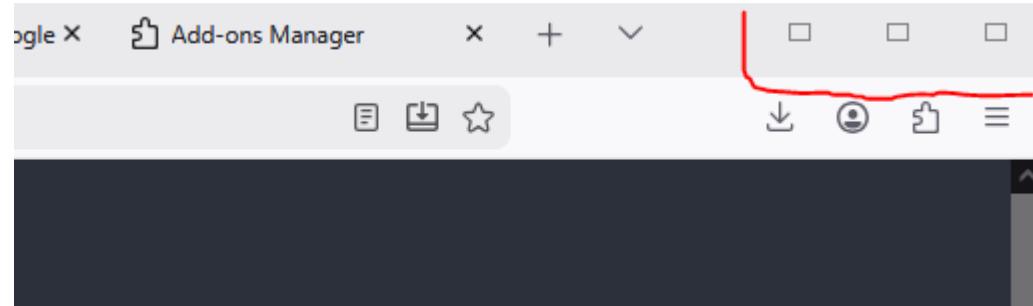
Test to play DRM videos on one of the websites using the latest version of the cracked widevinecdm.dll library:

The screenshot shows a web browser window with the URL bitmovin.com/demos/drm/. The page displays a video player interface with a video thumbnail of a person surfing. Below the video player are input fields for 'Manifest URL' and 'License Server URL', and a green 'Load' button. Above the video player, the text 'Detected widevine' is visible. In the background, a Firefox browser window is open, showing its 'About Mozilla Firefox' dialog box with the message 'Firefox is up to date'. In the bottom right corner of the screen, a Windows 7 Professional window is visible, displaying the text 'Windows 7 Профессиональная' (Windows 7 Professional) and copyright information for Microsoft Windows Version 6.1 (build 7601; Service Pack 1).

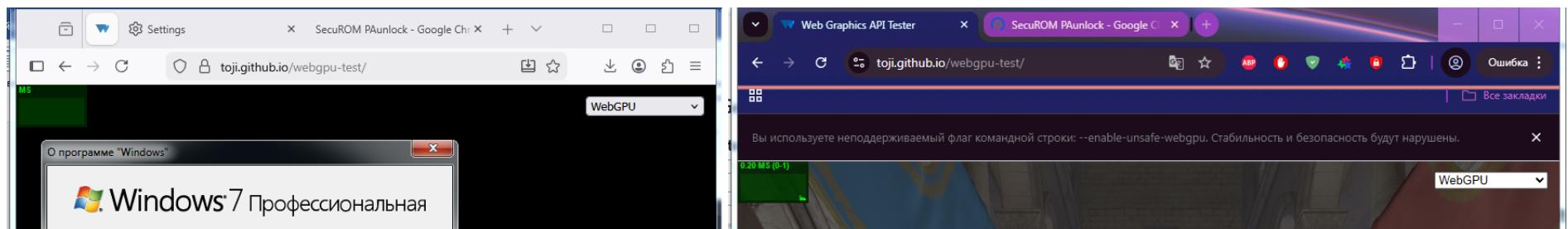
- <https://drmnow.pro/check/>
- <https://bitmovin.com/demos/drm/>

Known issues:

1. Some characters may be missing from the system buttons in the window.



2. Unlike Google Chrome, Firefox is based on the `wgpu`² library, which only supports DirectX 12 and cannot use DirectX 11. Therefore, **WebGPU support is not available in current versions of Firefox**³:



² <https://github.com/gfx-rs/wgpu>

³ while Chrome has long since hacked **WebGPU**, and this technology has been working perfectly since version 114

3. Windows 7 N editions. Install Windows 7 Media pack⁴ update Windows6.1-KB968211-x64-RefreshPkg.msu⁵ (x86) first for enable video decode options.

4. Check you latest video-driver for success hardware accelerated. Run about:support for get more technical information:

GPU #1	
Active	Yes
Description	AMD Radeon HD 7700 Series
Vendor ID	0x1002
Device ID	0x665c
Driver Version	23.20.15002.11
Driver Date	12-6-2017
Drivers	aticfx64 aticfx64 aticfx64 aticfx32 aticfx32 atiumd64 atidxx64 atidxx64 atiumdag atidxx32 atidxx32
Subsys ID	29311462
RAM	2048
GPU #2	

⁴ <https://learn.microsoft.com/en-us/troubleshoot/windows-client/shell-experience/windows-media-feature-pack-for-windows-7>

⁵ https://github.com/Blaukovitch/GOOGLE_CHROME_Windows_7/releases/download/discord_new/Windows6.1-KB968211-x64-RefreshPkg.msu

Technical crashes report:

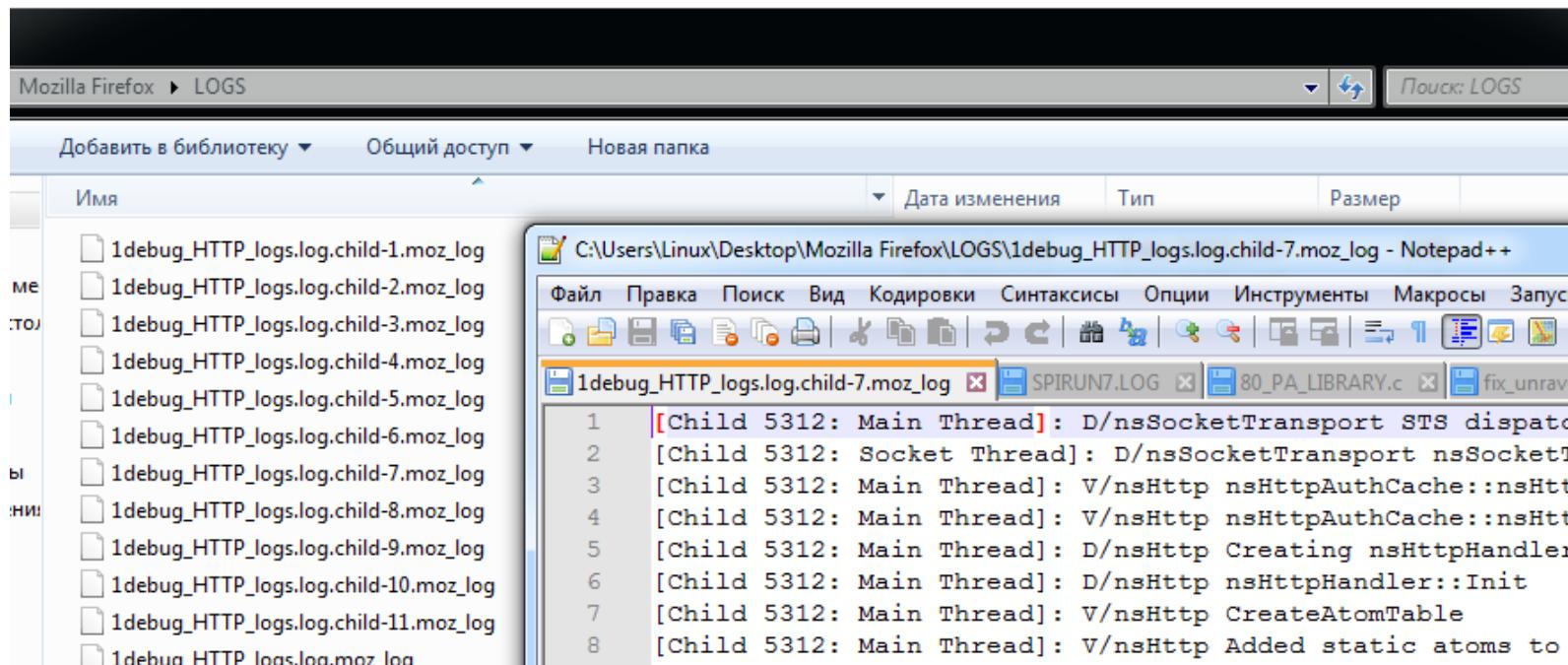
1. Send me screenshot of violate
2. Step-by-step instructions on how to reproduce the crash
3. Exact version of the operating system (e.g., Windows 7 Professional SP1, build 7601)
4. Can gather more logs (if need) - all logs gather in to **LOGS⁶** directory:

Name of batch file	Affected modules
!!!Mozilla_LOGS_graphics.bat	GFX:5: General graphics subsystem debugging (level 5 for verbose). Layers:5: Compositing and layer management logging. WebRender:5: Rendering engine logs (specifically for the Servo-based WebRender). GMP:5: Graphics Media Plugin (often relevant for hardware acceleration issues).
!!!Mozilla_LOGS_http.bat	nsHttp:5 - Detailed HTTP requests and responses. nsSocketTransport:5 - Socket-level transport data. nsHostResolver:5 - DNS resolution logs. neqo_http3::*:5, neqo_transport::*:5 - HTTP/3 and QUIC protocol logging.
!!!Mozilla_LOGS_rtc.bat	Media & WebRTC: MediaManager:5 - Camera/microphone usage (UserMedia). MediaStreamTrack:5, MediaStreamGraph:5 - Real-time media processing. cubeb:5 - Audio backend logging. MediaDecoderStateMachine:4 - Video decoding process.
!!!Mozilla_LOGS_tls.bat	Security & TLS: cert_storage:5 - Certificate storage operations.

⁶ For Program Files directory need administrative rights or modify batch files log dsd.

	<p>pkix:5 - Certificate validation (path building).</p> <p>pipnss:5 - NSS/SSL handshake logging.</p>
!!!Mozilla_LOGS_video_decod.bat	<p>VDPA modules</p> <p>PlatformDecoderModule:5: General hardware video decoding.</p> <p>FFmpegVideo:5: FFmpeg-based video decoding, crucial for VA-API issues.</p> <p>Dmabuf:5: Linux DMABUF/Wayland hardware buffer sharing.</p> <p>DXVA:5: DirectX Video Acceleration, used for video decoding</p>

The **LOGS** folder will contain all logs sorted for each of the running Firefox processes:



Best regards from:

1. cristianadam synchronize code

<https://github.com/cristianadam/api-ms-win-core-synch-Win7/blob/main/api-ms-win-core-synch-l1-2-0.c>

2. i486 for any help and reports <https://github.com/i486>

3. CRACKLAB.TEAM support (dj.zlo, sendersu, Fettel, alzcore397)

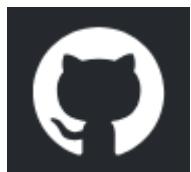
4. <https://github.com/SpotX-Official/SpotX>

5. Also, any peoples and companies who help crack this:

	MS EDGE 128.0.2739.42
	Spotify 1.2.37.701 Logon is fixed!
	Brave 123.1.64.109
	Discord app-1.0.9193
	Opera 110.0.5130.49
	Opera 099.0.4788.88
	Electron Mail v5.3.0
	Vivaldi 6.8.3381.44
	ungoogled-chromium 128.0.6613.119
	Tor Browser 14.0.4

Contancts

6. via Github



https://github.com/Blaukovitch/Mozilla_Firefox_Windows_7/issues

7. via SourceForge



<https://sourceforge.net/projects/mozilla-firefox-windows-7/files/>

8. mail to official 80_PA SecuROM keygen mailbox:



securom80pa[dot]gmail.com

9. CRACKLAB.TEAM forum



<https://cracklab.team/index.php?threads/1037/>

10. Call me) +7 91....

Extended technical info of crack(void⁷):

[section]

AP-MS-WIN_XP bridges:

+ KERNEL64.DLL	~ kernel32.dll
+ renamed copy KERNEL64.DLL == COMBASE.DLL **	
+ USER64.DLL	~ user32.dll
+ USERENX.DLL	~ userenv.dll
+ XCRYPTPRIMITIVES.dll	~ bcryptprimitives.dll
+ Xfplat.dll	~ MfPlat.dll
+ WinXtp.dll	~ WinHttp.dll
+ API-MS-WIN-CORE-HANDLE-L1-1-0.dll	
+ API-MS-WIN-CORE-LIBRARYLOADER-L1-2-0.dll	
+ API-MS-WIN-CORE-REALTIME-L1-1-1.dll	
+ API-MS-WIN-CORE-SYNCH-L1-2-7.dll (prev name : API-MS-WIN-CORE-SYNCH-L1-2-0.dll) ***	
+ API-MS-WIN-CORE-WINRT-ERROR-L1-1-0.dll	
+ API-MS-WIN-CORE-WINRT-L1-1-0.dll	
+ API-MS-WIN-CORE-WINRT-STRING-L1-1-0.dll	
+ API-MS-WIN-POWER-BASE-L1-1-0.dll	
+ API-MS-WIN-POWER-SETTING-L1-1-1.dll	
+ API-MS-WIN-SHCORE-SCALING-L1-1-1.dll	

<> REPLACED (switched):

default-browser-agent.exe

⁷ void duplicated in the file **firefox{64/86}_CRACK.log**

swapped from latest Firefox ESR 115.32.0

helper.exe

swapped from latest Firefox ESR 115.32.0

[section]

- RENAMED (DISABLED):

Microsoft.InputStateManager.DLL *

Microsoft.Internal.FrameworkUdk.dll *

Microsoft.UI.Input.dll *

Microsoft.UI.Windowing.Core.dll *

Microsoft.UI.Windowing.dll *

[section]

! SWAP PE IMPORT TABLE:

marshall.dll

API-MS-WIN-NTUSER-RECTANGLE-L1-1-0.DLL > user32.dll (rectangle operations: UnionRect, OffsetRect)

API-MS-WIN-CORE-REGISTRY-L1-1-0.DLL > kernel32.dll (RegCloseKey,...)

API-MS-WIN-CORE-LIBRARYLOADER-L1-2-0.DLL > kernel32.dll (GetModuleFileNameA)

API-MS-WIN-CORE-SYNCH-L1-2-1.DLL > kernel32.dll (WaitForMultipleObjects)

API-MS-WIN-CORE-SYSINFO-L1-2-0.DLL > kernel64.dll (GetSystemTimePreciseAsFileTime)

Microsoft.UI.Composition.OSSupport.dll

API-MS-WIN-CORE-COM-L1-1-0.DLL > ole32.dll

mozglue.dll

API-MS-WIN-CORE-VERSION-L1-1-1.DLL > version.dll (GetFileVersionInfoSizeW)

API-MS-WIN-CORE-PSAPI-L1-1-0.DLL > kernel32.dll (K32EnumProcessModules)

API-MS-WIN-CORE-VERSION-L1-1-0.DLL > version.dll (VerQueryValueW)

API-MS-WIN-CORE-ERRORHANDLING-L1-1-1.DLL > kernel32.dll (AddVectoredExceptionHandler/Remove VEH)

API-MS-WIN-CORE-LIBRARYLOADER-L1-2-0.DLL > kernel32.dll (DisableThreadLibraryCalls)

API-MS-WIN-CORE-LIBRARYLOADER-L1-2-1.DLL > kernel32.dll (LoadLibraryW)

API-MS-WIN-CORE-HEAP-L2-1-0.DLL > kernel32.dll (LocalFree)

API-MS-WIN-CORE-REALTIME-L1-1-0.DLL > kernel32.dll (QueryUnbiasedInterruptTime)

API-MS-WIN-CORE-REGISTRY-L1-1-0.DLL > kernel32.dll (RegCloseKey, ...)

API-MS-WIN-CORE-SYSINFO-L1-2-0.DLL > kernel32.dll (VerSetConditionMask)

mozinference.dll

KERNEL32.DLL > KERNEL64.DLL (SetThreadInformation)

MOZWER.DLL

KERNEL32.DLL > KERNEL64.DLL (GetOverlappedResultEx)

BCRYPTPRIMITIVES.DLL > XCRYPTPRIMITIVES.DLL (ProcessPrng)

nmhproxy.exe

API-MS-WIN-CORE-SYNCH-L1-2-0.DLL > API-MS-WIN-CORE-SYNCH-L1-2-7

onnxruntime.dll

KERNEL32.DLL > KERNEL64.DLL (Mitigations, CreateFile2)

plugin-container.exe

KERNEL32.DLL > KERNEL64.DLL (Mitigations)

xul.dll

KERNEL32.DLL > KERNEL64.DLL (GetCurrentApplicationUserModelId, ..., GetSystemTimePreciseAsFileTime)

COMBASE.DLL >> KERNEL64.DLL (CoCreateFreeThreadedMarshaler, CoIncrementMTAUsage, CoTaskMemAlloc, CoTaskMemFree, RoGetAgileReference)

BCRYPTPRIMITIVES.DLL > XCRYPTPRIMITIVES.DLL (ProcessPrng)

USER32.DLL > USER64.DLL (CreateSyntheticPointerDevice, GetPointerFrameTouchInfo, InjectSyntheticPointerInput, ...)

API-MS-WIN-CORE-SYNCH-L1-2-0.DLL > API-MS-WIN-CORE-SYNCH-L1-2-7

xul.dll

NTDLL.DLL RtlAddGrowableFunctionTable > ZwClose

[CODE patch]

C++ (hexrays) code:

```
*v59 = 0;  
*(v59 + 2) = 0;  
*(v59 + 1) = 0;  
*(v59 + 1) = 0x5001030405020409LL;  
*(v59 + 8) = v55;  
*(v59 + 9) = v56;
```

```
*(v59 + 10) = 8;
*(v59 + 4) = 20;
*(v59 + 10) = 0xB848;
*(v59 + 22) = sub_185949160;
*(v59 + 15) = 0xE0FF;

...
result_1 = RtlAddGrowableFunctionTable(v59, v59 + 0x20, 1, 1, v59, v59 + 0x7FC00000);

...
if ( result_1 )
{
    if ( qword_188A9E078 )
    {
        VirtualFree(v59, 0, 0x8000u);

LABEL_208:
    result = "js::jit::InitializeJit() failed";
    goto LABEL_151;
}

.....
*****
```

xul.dll

CoCreateInstance Inkfile->IShellLinkW instance DISABLED (COM dsd: shell32.dll object crash)

\$+51DB100	48:31C0	xor rax,rax	
\$+51DB103	C3	ret	
\$+51DB104	53	push rbx	
\$+51DB105	48:81EC E8000000	sub rsp,0xE8	
\$+51DB10C	48:89D6	mov rsi,rdx	
\$+51DB10F	48:89CF	mov rdi,rcx	
\$+51DB112	48:8B05 E70F7103	mov rax,qword ptr ds:[0x7FEE517D100]	
\$+51DB119	48:31E0	xor rax,rs	
\$+51DB11C	48:898424 E0000000	mov qword ptr ss:[rsp + 0xE0],rax	
\$+51DB124	48:8D4424 38	lea rax,qword ptr ss:[rsp + 0x38]	
\$+51DB129	48:894424 20	mov qword ptr ss:[rsp + 0x20],rax	
\$+51DB12E	48:8D0D E3DE0902	lea rcx,qword ptr ds:[<Shortcut_LNK>]	
\$+51DB135	4C:8D0D 3CD80902	lea r9,qword ptr ds:[<IShellLinkW>]	
\$+51DB13C	31D2	xor edx,edx	
\$+51DB13E	41:B8 01000000	mov r8d,0x1	
\$+51DB144	FF15 DECB8103	call qword ptr ds:[&CoCreateInstance]	
\$+51DB14A	BB FFFF0080	mov ebx,0x8000FFFF	
\$+51DB14F	85C0	test eax,eax	
\$+51DB151	0F88 0B020000	js xul.7FEE1A6C362	
\$+51DB157	837F 68 00	cmp dword ptr ds:[rdi + 0x68],0x0	
\$+51DB15B	0F84 D4000000	je xul.7FEE1A6C235	

CoCreateInstance enumerator->IObjectCollection instance DISABLED (COM dsd: actxprxy.dll release crash)

\$+51DA8A0	31C0	xor eax,eax	
------------	------	-------------	--

\$+51DA8A2	C3	ret	
\$+51DA8A3	90	nop	
\$+51DA8A4	41:55	push r13	
\$+51DA8A6	41:54	push r12	r12:GIFT_LabeledTimingDistributionCancel+1BE6150
\$+51DA8A8	56	push rsi	
\$+51DA8A9	57	push rdi	
\$+51DA8AA	55	push rbp	
\$+51DA8AB	53	push rbx	
\$+51DA8AC	48:83EC 68	sub rsp,0x68	
\$+51DA8B0	48:89CE	mov rsi,rcx	
\$+51DA8B3	4C:8BBC24 D0000000	mov r15,qword ptr ss:[rsp + 0xD0]	r15:GIFT_LabeledTimingDistributionCancel+22BF5E0
\$+51DA8BB	48:8B05 3E187103	mov rax,qword ptr ds:[0x7FEE517D100]	
\$+51DA8C2	48:31E0	xor rax,rs	
\$+51DA8C5	48:894424 60	mov qword ptr ss:[rsp + 0x60],rax	
\$+51DA8CA	48:8B49 28	mov rcx,qword ptr ds:[rcx + 0x28]	
\$+51DA8CE	48:85C9	test rcx,rcx	
\$+51DA8D1	0F84 B7010000	je xul.7FEE1A6BA8E	
\$+51DA8D7	4C:89CB	mov rbx,r9	
\$+51DA8DA	49:89D6	mov r14,rdx	rdx:GIFT_LabeledTimingDistributionAccumulateRawMillis+50D410
\$+51DA8DD	4C:894424 30	mov qword ptr ss:[rsp + 0x30],r8	
\$+51DA8E2	48:8B01	mov rax,qword ptr ds:[rcx]	
\$+51DA8E5	48:8B40 40	mov rax,qword ptr ds:[rax + 0x40]	
\$+51DA8E9	FF15 31AB6C03	call qword ptr ds:[0x7FEE5136420]	
\$+51DA8EF	48:8D05 3AB97E02	lea rax,qword ptr ds:[0x7FEE4257230]	
\$+51DA8F6	48:894424 58	mov qword ptr ss:[rsp + 0x58],rax	

\$+51DA8FB	48:8D5424 4C	lea rdx,qword ptr ss:[rsp + 0x4C]	rdx:GIFT_LabeledTimingDistributionAccumulateRawMillis+50D410
\$+51DA900	C702 00000000	mov dword ptr ds:[rdx],0x0	rdx:GIFT_LabeledTimingDistributionAccumulateRawMillis+50D410
\$+51DA906	48:8B4E 28	mov rcx,qword ptr ds:[rsi + 0x28]	
\$+51DA90A	4C:8D4C24 50	lea r9,qword ptr ss:[rsp + 0x50]	
\$+51DA90F	49:C701 00000000	mov qword ptr ds:[r9],0x0	
\$+51DA916	48:8B01	mov rax,qword ptr ds:[rcx]	
\$+51DA919	48:8B40 20	mov rax,qword ptr ds:[rax + 0x20]	
\$+51DA91D	4C:8D05 CC995702	lea r8,qword ptr ds:[0x7FEE3FE52F0]	
\$+51DA924	FF15 F6AA6C03	call qword ptr ds:[0x7FEE5136420]	
\$+51DA92A	40:B5 01	mov bpl,0x1	
\$+51DA92D	85C0	test eax,eax	
\$+51DA92F	0F88 21030000	js xul.7FEE1A6BC56	
\$+51DA935	49:8B06	mov rax,qword ptr ds:[r14]	[r14]:GIFT_LabeledTimingDistributionCancel+1BE5F70
\$+51DA938	8338 00	cmp dword ptr ds:[rax],0x0	
\$+51DA93B	0F84 BE010000	je xul.7FEE1A6BAFF	
\$+51DA941	48:8D4424 40	lea rax,qword ptr ss:[rsp + 0x40]	
\$+51DA946	48:C700 00000000	mov qword ptr ds:[rax],0x0	
\$+51DA94D	48:894424 20	mov qword ptr ss:[rsp + 0x20],rax	
\$+51DA952	48:8D0D 3FE70902	lea rcx,qword ptr ds:<A collection of IUnknown objects that can be enumerated>	
\$+51DA959	4C:8D0D 48EB0902	lea r9,qword ptr ds:<IObjectCollection>	
\$+51DA960	31D2	xor edx,edx	
\$+51DA962	41:B8 01000000	mov r8d,0x1	
\$+51DA968	FF15 BAD38103	call qword ptr ds:<&CoCreateInstance>	
\$+51DA96E	85C0	test eax,eax	

Remove REG_NOTIFY_THREAD_agnostic flag:

```
$+52024E8  | FF15 A2B36A03      | call qword ptr ds:[<CreateEventW>]      |
$+52024EE  | 48:8946 50      | mov qword ptr ds:[rsi+50],rax      |
$+52024F2  | 48:85C0      | test rax,rax      |
$+52024F5  | 74 4B      | je xul.7FEDC973542      |
$+52024F7  | 48:8B0E      | mov rcx,qword ptr ds:[rsi]      |
$+52024FA  | C74424 20 01000000  | mov dword ptr ss:[rsp+20],1      |
$+5202502  | BA 01000000  | mov edx,1      |
$+5202507  | 41:B8 0F000000  | mov r8d,F      | //REG_NOTIFY_THREAD_agnostic
$+520250D  | 49:89C1      | mov r9,rax      |
$+5202510  | FF15 5AB16A03      | call qword ptr ds:[<RegNotifyChangeKeyValue>]  |

$+5202564  | 48:894424 38      | mov qword ptr ss:[rsp+38],rax      |
$+5202569  | 48:8B09      | mov rcx,qword ptr ds:[rcx]      |
$+520256C  | 4C:8B4E 50      | mov r9,qword ptr ds:[rsi+50]      |
$+5202570  | C74424 20 01000000  | mov dword ptr ss:[rsp+20],1      |
$+5202578  | BA 01000000  | mov edx,1      | //REG_NOTIFY_THREAD_agnostic
$+520257D  | 41:B8 0F000000  | mov r8d,F      |
$+5202583  | FF15 E7B06A03      | call qword ptr ds:[<RegNotifyChangeKeyValue>]  |
```

DISABLED ALL SBOX_FATAL_CLOSEHANDLES error

\$+33CD7	FF15 2B8E0200	call qword ptr ds:[<EnumSystemLocalesEx>]	
\$+33CDD	85C0	test eax,eax	
\$+33CDF	E9 BA000000	jmp firefox.13FF74D9E	
\$+33CE4	90	nop	
\$+33CE5	48:8D8C24 A8000000	lea rcx,qword ptr ss:[rsp+A8]	[rsp+A8]:&"nsThreadPool"
\$+33CED	E8 6E600000	call firefox.13FF7AD60	
\$+33CF2	48:8B9C24 90000000	mov rbx,qword ptr ss:[rsp+90]	
\$+33CFA	8B4424 44	mov eax,dword ptr ss:[rsp+44]	
\$+33CFE	89C6	mov esi,eax	
\$+33D00	FF15 2A8E0200	call qword ptr ds:[<GetCurrentProcess>]	
\$+33D06	48:89C1	mov rcx,rax	
\$+33D09	BA 621B0000	mov edx,1B62	//SBOX_FATAL_CLOSEHANDLES
\$+33D0E	FF15 9C900200	call qword ptr ds:[<TerminateProcess>]	

\$+33DA3	48:85C0	test rax,rax	
\$+33DA6	90	nop	jmp to SBOX_FATAL_CLOSEHANDLES
\$+33DA7	90	nop	
\$+33DA8	90	nop	
\$+33DA9	90	nop	
\$+33DAA	90	nop	
\$+33DAB	90	nop	
\$+33DAC	48:89C1	mov rcx,rax	
\$+33DAF	FF15 9B8E0200	call qword ptr ds:[<HeapDestroy>]	

```
$+33426 | BA 50000000 | mov edx,50 | 50:'P'  
$+3342B | 48:89F1 | mov rcx,rsi |  
$+3342E | E8 ADEB0100 | call <JMP.&void __cdecl operator delete(void *)> |  
$+33433 | 807C24 54 00 | cmp byte ptr ss:[rsp+54],0 |  
$+33438 | 8B4424 44 | mov eax,dword ptr ss:[rsp+44] |  
$+3343C | E9 D4ECFFFF | jmp firefox.13FA03115 |  
$+33441 | 90 | nop |  
$+33442 | E9 B7080000 | jmp firefox.13FA04CFE | jmp to SBOX_FATAL_CLOSEHANDLES
```

[section]

~ strings:

firefox.exe

.rdata:

```
$+5944 78 00 63 00 72 00 79 00 70 00 74 00 70 00 72 00 x.c.r.y.p.t.p.r.  
$+5954 69 00 6D 00 69 00 74 00 69 00 76 00 65 00 73 00 i.m.i.t.i.v.e.s.  
$+5964 2E 00 64 00 6C 00 6C 00 00 00 74 00 65 00 73 00 ..d.l.l...t.e.s.
```

widevinecdm.dll

KERNEL32.DLL > kernel64.dll

rdata:

\$+B1B8DA 78 00 63 00 72 00 79 00 70 00 74 00 70 00 72 00 x.c.r.y.p.t.p.r.

\$+B1B8EA 69 00 6D 00 69 00 74 00 69 00 76 00 65 00 73 00 i.m.i.t.i.v.e.s.

\$+B1BCA6 78 00 63 00 72 00 79 00 70 00 74 00 70 00 72 00 x.c.r.y.p.t.p.r.

\$+B1BCB6 69 00 6D 00 69 00 74 00 69 00 76 00 65 00 73 00 i.m.i.t.i.v.e.s.

\$+B1BCC6 2E 00 64 00 6C 00 6C 00 00 00 43 61 6E 27 74 20 ..d.l.l...Can't

^ CLSIDs:

XUL.dll

rdata:

\$+1A8900 5A EE 59 B8 38 D8 5B 4B A2 E8 1A DC 7D 93 DB 48 ZY,8Ø[Kçè.Ü].ØH {B859EE5A-D838-4B5B-A2E8-1ADC7D93DB48}

be advice:

AVX/AVX512 asm instructions

mozinference.dll

\$+9C905 | C5F857C0 | vxorps xmm0,xmm0,xmm0 |

\$+9C909 | C5FC1105 479D1F00 | vmovups yword ptr ds:[7FEEF0F7658],ymm0 |

\$+9C911 | C5FC1105 5F9D1F00 | vmovups yword ptr ds:[7FEEF0F7678],ymm0 |

\$+9C919 | 48:C705 749D1F00 0000000 | mov qword ptr ds:[7FEEF0F7698],0 |

\$+9C924 | BA 02000000 | mov edx,2 |

\$+9C929 | C5F877 | vzeroupper |

* Windows 10 System lib, lot of refts to RT && native components

** is contains CoCreateFreeThreadedMarshaler, CoIncrementMTAUsage, CoTaskMemAlloc, CoTaskMemFree, RoGetAgileReference with FIREFOX defition flag

*** renamed, issue #28 fixed: https://github.com/Blaukovitch/Mozilla_Firefox_Windows_7/issues/28

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