

Smuxi - Bug # 1084: Smuxi is not responding when quitting on Mono >= 4.2.1

Status:	Resolved	Priority:	Normal
Author:	Mirco Bauer	Category:	Frontend GNOME
Created:	01/25/2016	Assigned to:	Mirco Bauer
Updated:	02/13/2016	Due date:	
Complexity:	Medium		
Found in Version:	1.0+stable		
Subject:	Smuxi is not responding when quitting on Mono >= 4.2.1		
Description:	When you try to quit Smuxi from the main window or even the Engine selection dialog then it will often (not always!) no longer respond and GNOME asks if you want to forcibly quit the application.		

History

01/25/2016 05:58 PM - Mirco Bauer

It looks like Environment.Exit(0) is not always returning

01/25/2016 06:21 PM - Mirco Bauer

Smuxi 1.0+stable on Mono JIT compiler version 4.2.1 (Debian 4.2.1.102+dfsg2-5)

```
<pre>
(gdb) bt
#0 0x00007f50d146aedd in nanosleep () at ../sysdeps/unix/syscall-template.S:81
#1 0x000000000638308 in monoeg_g_usleep (microseconds=microseconds@entry=21220) at gdate-unix.c:53
#2 0x000000000627cf9 in suspend_sync_nolock (id=id@entry=139985018812160, interrupt_kernel=interrupt_kernel@entry=1) at
mono-threads.c:870
#3 0x000000000628190 in mono_thread_info_safe_suspend_and_run (id=139985018812160, interrupt_kernel=interrupt_kernel@entry=1,
callback=callback@entry=0x584920 <suspend_thread_critical>, user_data=user_data@entry=0x7ffeae665160) at mono-threads.c:891
#4 0x00000000058535f in suspend_thread_internal (thread=0x7f50ce704330, interrupt=1) at threads.c:4529
#5 0x000000000586b65 in mono_thread_suspend_all_other_threads () at threads.c:3152
#6 0x000000000538b76 in ves_icall_System_Environment_Exit (result=0) at icall.c:6006
#7 0x000000004140eac2 in ?? ()
#8 0x0000000029dae10 in ?? ()
#9 0x00007ffeae665b30 in ?? ()
#10 0x0000000000000005 in ?? ()
#11 0x00007ffeae665b30 in ?? ()
#12 0x0000000000000004 in ?? ()
#13 0x00007ffeae665ca8 in ?? ()
#14 0x00000000413abd6e in ?? ()
#15 0x00007ffeae665770 in ?? ()
#16 0x00007ffeae665610 in ?? ()
#17 0x000000004140cccf in ?? ()
#18 0x0000000029dae10 in ?? ()
#19 0x00007ffeae665780 in ?? ()
#20 0x00007ffeae6657f0 in ?? ()
#21 0x00007f50d0800ab8 in ?? ()
#22 0x00007f50d0afe4b0 in ?? ()
#23 0x0000000000000000 in ?? ()
</pre>
```

```
<pre>
(gdb) mono_backtrace 23
#0 0x00007f50d146aedd in nanosleep () at ../sysdeps/unix/syscall-template.S:81
```

```
81 ../sysdeps/unix/syscall-template.S: No such file or directory.
#1 0x000000000638308 in monoeg_g_usleep (microseconds=microseconds@entry=21220) at gdate-unix.c:53
53 gdate-unix.c: No such file or directory.
#2 0x000000000627cf9 in suspend_sync_nolock (id=id@entry=139985018812160, interrupt_kernel=interrupt_kernel@entry=1) at
mono-threads.c:870
870 mono-threads.c: No such file or directory.
#3 0x000000000628190 in mono_thread_info_safe_suspend_and_run (id=139985018812160, interrupt_kernel=interrupt_kernel@entry=1,
callback=callback@entry=0x584920 <suspend_thread_critical>, user_data=user_data@entry=0x7ffeae665160) at mono-threads.c:891
891 in mono-threads.c
#4 0x00000000058535f in suspend_thread_internal (thread=0x7f50ce704330, interrupt=1) at threads.c:4529
4529 threads.c: No such file or directory.
#5 0x000000000586b65 in mono_thread_suspend_all_other_threads () at threads.c:3152
3152 in threads.c
#6 0x000000000538b76 in ves_icall_System_Environment_Exit (result=0) at icall.c:6006
6006 icall.c: No such file or directory.
#7 0x4140eac2 in (wrapper managed-to-native) System.Environment:Exit (int) + 0x52 (0x4140ea70 0x4140eaae) [0x1921100 -
smuxi-frontend-gnome.exe]
#8 0x0000000029dae10 in ?? ()
#9 0x00007ffeae665b30 in ?? ()
#10 0x0000000000000005 in ?? ()
#11 0x00007ffeae665b30 in ?? ()
#12 0x0000000000000004 in ?? ()
#13 0x00007ffeae665ca8 in ?? ()
#14 0x413abd6e in <0x413abd6e - JIT trampoline for System.Environment:Exit (int)>
#15 0x00007ffeae665770 in ?? ()
#16 0x00007ffeae665610 in ?? ()
#17 0x4140cccf in Smuxi.Frontend.Gnome.Frontend:Quit () + 0x4bf (0x4140c810 0x4140ccd5) [0x1921100 - smuxi-frontend-gnome.exe]
#18 0x0000000029dae10 in ?? ()
#19 0x00007ffeae665780 in ?? ()
#20 0x00007ffeae6657f0 in ?? ()
#21 0x00007f50d0800ab8 in ?? ()
#22 0x00007f50d0afe4b0 in ?? ()
(gdb)

</pre>
```

01/25/2016 06:35 PM - Mirco Bauer

This seems to be the bug in Mono 4.x with a minimal code repro here: https://bugzilla.xamarin.com/show_bug.cgi?id=33020

01/27/2016 12:25 PM - Mirco Bauer

- Target version deleted (1.0.3)

02/13/2016 01:14 PM - Mirco Bauer

- Status changed from New to Resolved

This `_is_` a Mono 4.x bug and was fixed in <https://github.com/mono/mono/commit/23e34d77f2fd23ab5d61f6ba4aa905817f57668a>