Smuxi Issues [FROZEN ARCHIVE] - Bug # 1004: Smuxi does not start with Mono on Windows

Status:	New	**Priority:**	Normal
Author:	Mirco Bauer	**Category:**	Other
Created:	12/05/2014	**Assigned to:**	Mirco Bauer
Updated:	01/07/2015	**Due date:**	
Complexity:			
Found in Version:			
Subject:	Smuxi does not start with Mono on Windows		

Description:

<pre>
directhex@windows-vm /cygdrive/c/Program Files (x86)/Smuxi
$ mono smuxi-frontend-gnome.exe
2014-12-05 10:59:48,290 [Main] INFO Smuxi.Frontend.Gnome.Frontend - Smuxi - GNOME frontend 0.11.0.0 starting
2014-12-05 10:59:48,320 [Main] FATAL Smuxi.Frontend.Gnome.MainClass - System.Security.SecurityException: A security error has been detected.
at Microsoft.Win32.Win32RegistryApi.GenerateException (Int32 errorCode) [0x00000] in <filename unknown>:0
at Microsoft.Win32.Win32RegistryApi.OpenSubKey (Microsoft.Win32.RegistryKey rkey, System.String keyName, Boolean writable) [0x00000] in <filename unknown>:0
at Microsoft.Win32.RegistryKey.OpenSubKey (System.String name, Boolean writable) [0x00000] in <filename unknown>:0
at (wrapper remoting-invoke-with-check) Microsoft.Win32.RegistryKey:OpenSubKey (string,bool)
at Microsoft.Win32.Registry.ToKey (System.String keyName, Boolean setting) [0x00000] in <filename unknown>:0
at Microsoft.Win32.Registry.GetValue (System.String keyName, System.String valueName, System.Object defaultValue) [0x00000] in <filename unknown>:0
at Smuxi.Frontend.Gnome.Frontend.InitGtkPathWin () [0x00000] in <filename unknown>:0
at Smuxi.Frontend.Gnome.Frontend.InitGtk (System.String[] args) [0x00000] in <filename unknown>:0
at Smuxi.Frontend.Gnome.Frontend.Init (System.String[] args) [0x00000] in <filename unknown>:0
at Smuxi.Frontend.Gnome.MainClass.Main (System.String[] args) [0x00000] in <filename unknown>:0

Unhandled Exception:
System.Security.SecurityException: A security error has been detected.
at Microsoft.Win32.Win32RegistryApi.GenerateException (Int32 errorCode) [0x00000] in <filename unknown>:0
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at Smuxi.Frontend.Gnome.MainClass.Main (System.String[] args) [0x00000] in <filename unknown>:0
[ERROR] FATAL UNHANDLED EXCEPTION: System.Security.SecurityException: A security error has been detected.
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```
  at Microsoft.Win32.Win32RegistryApi.OpenSubKey (Microsoft.Win32.RegistryKey rkey, System.String keyName, Boolean writable) [0x00000] in <filename unknown>:0
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  at (wrapper remoting-invoke-with-check) Microsoft.Win32.RegistryKey:OpenSubKey (string,bool)
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</pre>
```

History

12/05/2014 03:33 PM - Mirco Bauer

That is bug in Mono's registry API.

https://github.com/mono/mono/blob/master/mcs/class/corlib/Microsoft.Win32/Registry.cs#L96
that true means it wants write-access
https://github.com/mono/mono/blob/master/mcs/class/corlib/Microsoft.Win32/RegistryKey.cs#L269
it should passing "setting" there, instead of true hardcoded

With this bug, Registry.GetValue() needs write perms on Mono

12/05/2014 04:43 PM - Mirco Bauer

This issue is tracked in Mono here:
https://bugzilla.xamarin.com/show_bug.cgi?id=25106

12/08/2014 11:30 AM - Mirco Bauer

- Category set to Other

This issue will be fixed with Mono 3.12, if Smuxi should include a workaround or not needs to be decided.

01/07/2015 11:45 AM - Mirco Bauer

The fix in Mono: https://github.com/meebey/mono/commit/55e85a6da849089e97c8e62febe1f68d535da010