

Smuxi Issues [FROZEN ARCHIVE] - Bug # 515: Parallel build tends to fail and cause sharing violation

Status:	Closed	Priority:	Normal
Author:	Pacho Ramos	Category:	Other
Created:	10/05/2010	Assigned to:	Mirco Bauer
Updated:	11/20/2011	Due date:	
Complexity:	Medium		
Subject:	Parallel build tends to fail and cause sharing violation		
Description:	When trying to bump to 0.8 smuxi ebuild (for Gentoo users), I noticed build failed from time to time when toggling "debug" configure option but, later, I saw that the problem didn't occur when forcing its compilation disabling parallel build.		
<p>The error I was seeing is the following:</p> <pre>: error CS0016: Could not write to file `/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/obj/Debug/Twitterizer2.dll', cause: Sharing violation on path /var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/obj/Debug/Twitterizer2.dll Task "Csc" execution -- FAILED Done building target "CoreCompile" in project "/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib/Twitterizer/Twitterizer2/Twitterizer2.csproj"-- FAILED Target _GetCompileOutputsForClean: Target _RecordCleanFile: Done building project "/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib/Twitterizer/Twitterizer2/Twitterizer2.csproj" -- FAILED Build FAILED. Errors: /var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib/Twitterizer/Twitterizer2/Twitterizer2.csproj (default targets) -> /usr/lib64/mono/3.5/Microsoft.CSharp.targets (CoreCompile target) -> : error CS0016: Could not write to file `/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/obj/Debug/Twitterizer2.dll', cause: Sharing violation on path /var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/obj/Debug/Twitterizer2.dll 0 Warning(s) 1 Error(s) Time Elapsed 00:00:05.4733280 make[2]: *** [..bin/debug/Twitterizer2.dll] Error 1 make[2]: *** Waiting for unfinished jobs....</pre>			
<p>Target GetCopyToOutputDirectoryItems:</p> <pre>Project "/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib/Newtonsoft.Json/Src/Newtonsoft.Json/Newtonsoft.Json .csproj" (GetCopyToOutputDirectoryItems target(s)):</pre>			

Done building project
"/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib/Newtonsoft.Json/Src/Newtonsoft.Json/Newtonsoft.Json.csproj".

Target DeployOutputFiles:

	Copying	file	from
'/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/obj/Debug/Twitterizer2.dll.mdb'			to
'/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/Twitterizer2.dll.mdb'			
	Copying	file	from
'/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/obj/Debug/Twitterizer2.dll'			to
'/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/bin/debug/Twitterizer2.dll'			

Target _GetCompileOutputsForClean:

Target _RecordCleanFile:

Done building project
"/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib/Twitterizer/Twitterizer2/Twitterizer2.csproj".

Build succeeded.

0 Warning(s)

0 Error(s)

Time Elapsed 00:00:05.6182230

```
make[2]: Leaving directory `/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib'
make[1]: *** [all-recursive] Error 1
make[1]: Leaving directory `/var/tmp/portage/net-irc/smuxi-0.8/work/smuxi-0.8/lib'
make: *** [all-recursive] Error 1
```

Attached is full build.log

Associated revisions

11/20/2011 01:23 PM - Mirco Bauer

Forcely disable parallel builds (closes: #515)

History

10/05/2010 09:52 PM - Mirco Bauer

- Category changed from Common to Other
- Target version changed from 0.8 to 0.8.9

Is it acceptable for you if I override make's setting to suppress -j > 0? The build will then no longer fail but will also not take advantage of parallel builds. As Smuxi builds in less than 30 seconds using -j1 I don't think it's worth it to add support for parallel builds:

```
<pre>
make[1]: Leaving directory `/home/meebey/data/projects/c-sharp/smuxi/git'
real 0m18.039s
user 0m17.053s
sys 0m1.212s
</pre>
```

10/05/2010 09:53 PM - Mirco Bauer

Thank you very much for finding out what the cause of #492 is, I wasn't able to reproduce it. (as I am not using make -j > 0).

10/06/2010 08:36 AM - Pacho Ramos

From my point of view, if it's too hard to fix, would be better to force "-j1" but, of course, would be better to try to solve it since probably people owning machines with multiple cores would get it built much faster :-)

11/20/2011 01:31 PM - Mirco Bauer

- Status changed from *New* to *Closed*
- % Done changed from 0 to 100

Applied in changeset commit:"12cedb7290f6b6fe2765432c0b5bf73c25a94922".

Files

build.log

139 KB

10/05/2010

Pacho Ramos