

Smuxi - Bug # 858: ArgumentException when reconnecting to IRC server

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|--------------------------|---|---------------------|-------------|
| Status: | Closed | Priority: | Urgent |
| Author: | Mirco Bauer | Category: | Engine IRC |
| Created: | 07/02/2013 | Assigned to: | Mirco Bauer |
| Updated: | 09/20/2013 | Due date: | |
| Complexity: | Low | | |
| Found in Version: | | | |
| Subject: | ArgumentException when reconnecting to IRC server | | |
| Description: | <pre><pre> 2013-07-02 22:43:28,543 [-1301693584] ERROR Smuxi.Engine.Session - CommandReconnect(): System.ArgumentException: An element with the same key already exists in the dictionary. at System.Collections.Generic.Dictionary`2[System.String,System.String].Add (System.String key, System.String value) [0x00171] in /tmp/build/mono-2.6.7/mcs/class/corlib/System tem.Collections.Generic/Dictionary.cs:429 at Meebey.SmartIrc4net.IrcClient._StoreChannelsToRejoin () [0x000ab] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1043 at Meebey.SmartIrc4net.IrcClient.Reconnect (Boolean login, Boolean channels) [0x00006] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:470 at Meebey.SmartIrc4net.IrcClient.Reconnect (Boolean login) [0x00000] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:487 at Smuxi.Engine.IrcProtocolManager.Reconnect (Smuxi.Engine.FrontendManager fm) [0x00000] in <filename unknown>:0 at Smuxi.Engine.Session+<CommandReconnect>c__AnonStoreyF.<>m__F (System.Object) [0x00000] in /usr/local/src/smuxi/src/Engine/Session.cs:598 </pre> <pre> 2013-07-02 22:43:48,295 [-1398875280] ERROR Smuxi.Engine.Session - _CommandNetworkClose(): Exception System.ArgumentException: An element with the same key already exists in the dictionary. at System.Collections.Generic.Dictionary`2[System.String,System.String].Add (System.String key, System.String value) [0x00171] in /tmp/build/mono-2.6.7/mcs/class/corlib/System.Collections.Generic/Dictionary.cs:429 at Meebey.SmartIrc4net.IrcClient._StoreChannelsToRejoin () [0x000ab] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1043 at Meebey.SmartIrc4net.IrcClient._OnDisconnected (System.Object sender, System.EventArgs e) [0x0000b] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1008 at (wrapper delegate-invoke) System.EventHandler.invoke_void__this__object_EventArgs (object,System.EventArgs) at Meebey.SmartIrc4net.IrcConnection.Disconnect () [0x0007a] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:817 at Smuxi.Engine.IrcProtocolManager.Disconnect (Smuxi.Engine.FrontendManager fm) [0x00000] in <filename unknown>:0 at Smuxi.Engine.Session+<_CommandNetworkClose>c__AnonStorey10.<>m__11 (System.Object) [0x00000] in /usr/local/src/smuxi/src/Engine/Session.cs:865 </pre></pre> | | |

History

08/20/2013 08:34 PM - Mirco Bauer

- Status changed from New to Closed

- % Done changed from 0 to 100

This is state corruption caused by a bug in the IRC socket buffer/queue, fixed in commit:37cc7c4acfb42fd5dec1d1366e7f9a212fe261d5

09/20/2013 09:21 PM - Mirco Bauer

- Priority changed from Normal to Urgent

This is a partial log that shows the state corruption. Smuxi is clearly processing events/messages of an old connection _after_ a reconnect.

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<pre>
2013-06-24 20:50:19,894 [IrcProtocolManager (irc.man-da.de:6667) lag watcher] DEBUG Smuxi.Engine.IrcProtocolManager - _LagWatcher(): lag:
354.704145 seconds, difference: 10 se
conds
2013-06-24 20:50:29,358 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine.dll] Session.DisableChat(chat =
<IRC/IRCnet/#stammtisch>)
2013-06-24 20:50:29,335 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager._OnDisconnected(sender = Meebey.SmartIrc4net.IrcFeatures, e = System.EventArgs)
2013-06-24 20:50:29,858 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.Command(command = </join #stammtisch>)
2013-06-24 20:50:29,858 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.CommandJoin(cd = </join #stammtisch>)
2013-06-24 20:50:34,573 [IrcProtocolManager (irc.man-da.de:6667) listener] ERROR Smuxi.Engine.IrcProtocolManager - _Run(): exception in
_Listen() occurred!
System.ArgumentException: An element with the same key already exists in the dictionary.
   at System.Collections.Generic.Dictionary`2[System.String,Smuxi.Engine.PersonModel].Add (System.String key, Smuxi.Engine.PersonModel value)
[0x00171] in /tmp/build/mono-2.6.7/mcs/class/corlib/System.Collections.Generic/Dictionary.cs:429
   at Smuxi.Engine.IrcProtocolManager._OnNames (System.Object sender, Meebey.SmartIrc4net.NamesEventArgs e) [0x00000] in <filename
unknown>:0
   at Meebey.SmartIrc4net.IrcClient._Event_RPL_NAMREPLY (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x00332] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:2667
   at Meebey.SmartIrc4net.IrcClient._HandleEvents (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x00341] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1344
   at Meebey.SmartIrc4net.IrcClient._Worker (System.Object sender, Meebey.SmartIrc4net.ReadLineEventArgs e) [0x00000] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1002
   at (wrapper delegate-invoke) Meebey.SmartIrc4net.ReadLineEventHandler:invoke_void__this___object_ReadLineEventArgs
(object,Meebey.SmartIrc4net.ReadLineEventArgs)
   at (wrapper delegate-invoke) Meebey.SmartIrc4net.ReadLineEventHandler:invoke_void__this___object_ReadLineEventArgs
(object,Meebey.SmartIrc4net.ReadLineEventArgs)
   at Meebey.SmartIrc4net.IrcConnection.ReadLine (Boolean blocking) [0x000a1] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:894
   at Meebey.SmartIrc4net.IrcConnection.Listen (Boolean blocking) [0x0000b] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:833
   at Meebey.SmartIrc4net.IrcConnection.Listen () [0x00000] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:847
   at Smuxi.Engine.IrcProtocolManager._Listen () [0x00000] in <filename unknown>:0
2013-06-24 20:50:34,678 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.Reconnect(fm = Smuxi.Engine.FrontendManager)
2013-06-24 20:50:34,709 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine.dll] Session.DisableChat(chat =
<IRC/IRCnet/#stammtisch>)
2013-06-24 20:50:45,023 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.OnEndOfNames(e = Meebey.SmartIrc4net.IrcEventArgs)
2013-06-24 20:50:45,023 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG Smuxi.Engine.IrcProtocolManager - OnEndOfNames():
#stammtisch synced

20:50:29 -!- Disconnected from IRCnet
20:50:29 WRITE: JOIN #debian.de,#stammtisch ,
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20:50:34 READ: :MAN-DA.DE 333 TCW #debian.de abalaba@heraklit.ayous.org 1371304545
20:50:34 -!- Connection error! Reason: An element with the same key already exists in the dictionary.
20:50:34 -!- Reconnecting to irc.man-da.de...
20:50:34 -!- Disconnected from IRCnet
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