

## Smuxi - Bug # 684: NullReferenceException in Meebey.SmartIrc4net.WhoInfo.Parse()

<b>Status:</b>	Closed	<b>Priority:</b>	High
<b>Author:</b>	Dan Riti	<b>Category:</b>	Engine IRC
<b>Created:</b>	01/29/2012	<b>Assigned to:</b>	Mirco Bauer
<b>Updated:</b>	07/17/2012	<b>Due date:</b>	
<b>Complexity:</b>			
<b>Found in Version:</b>	0.8.9.2		
<b>Subject:</b>	NullReferenceException in Meebey.SmartIrc4net.WhoInfo.Parse()		
<b>Description:</b>	Running into the following exception/bug:  <pre> -!- Connection error! Reason: Object reference not set to an instance of an object </pre>  Version of Smuxi:  <pre> Frontend: GNOME 0.8.9.1 (Debian 0.8.9.1+git-0~79~oneirc1) Engine: 0.8.9.1 </pre>  Error/exception output from replicating the bug with --debug flag:  <pre> 2012-01-27 17:10:38,719 [IrcProtocolManager (irc.utopia.net:6667) listener] ERROR Smuxi.Engine.IrcProtocolManager - _Run(): exception in _Listen() occurred! System.NullReferenceException: Object reference not set to an instance of an object at Meebey.SmartIrc4net.WhoInfo.Parse (Meebey.SmartIrc4net.IrcMessageData data) [0x0003e] in /build/buildd/smuxi-0.8.9.1+git/lib/SmartIrc4net/src/IrcClient/WhoInfo.cs:133 at Meebey.SmartIrc4net.IrcClient._Event_RPL_WHOREPLY (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x00000] in /build/buildd/smuxi-0.8.9.1+git/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:2468 at Meebey.SmartIrc4net.IrcClient._HandleEvents (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x0035c] in /build/buildd/smuxi-0.8.9.1+git/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1302 at Meebey.SmartIrc4net.IrcClient._Worker (System.Object sender, Meebey.SmartIrc4net.ReadLineEventArgs e) [0x00000] in /build/buildd/smuxi-0.8.9.1+git/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:948 at (wrapper delegate-invoke) <Module>:invoke_void__this__object_ReadLineEventArgs (object,Meebey.SmartIrc4net.ReadLineEventArgs) at (wrapper delegate-invoke) <Module>:invoke_void__this__object_ReadLineEventArgs (object,Meebey.SmartIrc4net.ReadLineEventArgs) at Meebey.SmartIrc4net.IrcConnection.ReadLine (Boolean blocking) [0x00097] in /build/buildd/smuxi-0.8.9.1+git/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:880 at Meebey.SmartIrc4net.IrcConnection.Listen (Boolean blocking) [0x0000b] in /build/buildd/smuxi-0.8.9.1+git/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:819 at Meebey.SmartIrc4net.IrcConnection.Listen () [0x00000] in /build/buildd/smuxi-0.8.9.1+git/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:833 at Smuxi.Engine.IrcProtocolManager._Listen () [0x00000] in /build/buildd/smuxi-0.8.9.1+git/src/Engine-IRC/Protocols/Irc/IrcProtocolManager.cs:1977 </pre>  Steps to replicate:		

\*NOTE\*: I only seem to get this error when I connect to a single IRC server. It's a private IRC server and to join the main channel, I have to message a bot to authenticate and the bot then joins you to the room. The room is vastly populated (over 800+ users daily) and I'm able to get into the room using other IRC clients.

- \* Connect to server
- \* Message the bot (/msg bot enter #the.channel username password)
- \* Exception message gets thrown
- \* Disconnected from the IRC server

## Associated revisions

**07/17/2012 05:52 PM - Mirco Bauer**

[lib/SmartIrc4net] Updated to fix NullReferenceException in WhoInfo.Parse() with empty realnames (closes: #684)

## History

**01/29/2012 10:07 PM - Mirco Bauer**

- Category set to Engine IRC
- Assigned to set to Mirco Bauer
- Priority changed from Normal to High
- Target version changed from 0.8.9 to 0.8.9.2
- Found in Version set to 0.8.9.1

**01/29/2012 11:35 PM - Mirco Bauer**

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

Fixed in commit:01b368aacd32d822b264f955629de22dde930345

**07/17/2012 05:38 PM - Mirco Bauer**

- Status changed from Closed to New
- Target version changed from 0.8.9.2 to 0.8.10.1
- Found in Version changed from 0.8.9.1 to 0.8.9.2

This bug still happens with InspIRCd-2.0 and be reproduced with:

```
<pre>
/connect irc irc.voxanon.net
/join #anonplusradio
</pre>
```

That will lead to a NullReferenceException in Meebey.SmartIrc4net.WhoInfo.Parse() like this:

```
<pre>
2012-07-17 19:15:15,353 [IrcProtocolManager (irc.voxanon.net:6667) listener] ERROR Smuxi.Engine.IrcProtocolManager - _Run(): exception in
_Listen() occurred!
System.NullReferenceException: Object reference not set to an instance of an object
       at Meebey.SmartIrc4net.WhoInfo.Parse (Meebey.SmartIrc4net.IrcMessageData data) [0x0008a] in
/build/buildd/smuxi-0.8.10+git/lib/SmartIrc4net/src/IrcClient/WhoInfo.cs:144
       at Meebey.SmartIrc4net.IrcClient._Event_RPL_WHOREPLY (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x00000] in
/build/buildd/smuxi-0.8.10+git/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:2474
       at Meebey.SmartIrc4net.IrcClient._HandleEvents (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x0035c] in
/build/buildd/smuxi-0.8.10+git/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1302
       at Meebey.SmartIrc4net.IrcClient._Worker (System.Object sender, Meebey.SmartIrc4net.ReadLineEventArgs e) [0x00000] in
/build/buildd/smuxi-0.8.10+git/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:948
       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) [0x00097] in
/build/builddd/smuxi-0.8.10+git/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:880
at Meebey.SmartIrc4net.IrcConnection.Listen (Boolean blocking) [0x0000b] in
/build/builddd/smuxi-0.8.10+git/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:819
at Meebey.SmartIrc4net.IrcConnection.Listen () [0x00000] in /build/builddd/smuxi-0.8.10+git/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:833
at Smuxi.Engine.IrcProtocolManager._Listen () [0x00000] in /build/builddd/smuxi-0.8.10+git/src/Engine-IRC/Protocols/Irc/IrcProtocolManager.cs:1996
</pre>
```

A RPL\_WHO which triggers this issue looks like this:

```
<pre>
:topiary.voxanon.net 352 Mirco #anonplusradio CpGc igot.avhost Voxanon CpGc H
</pre>
```

**07/17/2012 05:38 PM - Mirco Bauer**

- Subject changed from Connection error! Reason: Object reference not set to an instance of an object to NullReferenceException in Meebey.SmartIrc4net.Who

**07/17/2012 05:59 PM - Mirco Bauer**

- Status changed from New to Closed

Applied in changeset commit:"5ef6b0709457c17cd1c135492232a4bc885ec6f0".