

## Smuxi - Bug # 893: Crash on connecting to a server

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	Samuel Gyger	<b>Category:</b>	Frontend GNOME
<b>Created:</b>	10/22/2013	<b>Assigned to:</b>	Mirco Bauer
<b>Updated:</b>	12/20/2013	<b>Due date:</b>	
<b>Complexity:</b>			
<b>Found in Version:</b>			
<b>Subject:</b>	Crash on connecting to a server		
<b>Description:</b>	<p>The system is connected via SSH to a remote server. The Server version is 0.8.9.2-2 and the Client is 0.9</p> <p>*How to reproduce the bug:*</p> <p>Click Connect -&gt; Choose a Server (with or w/o additional commands) -&gt; Click Connect</p> <p>*Expected Result:*</p> <p>No Crash.</p> <p>*Stack Trace:*</p> <pre>&lt;pre&gt; Exception Type: System.Runtime.Serialization.SerializationException  Exception Message: Unexpected binary element: 0  Exception StackTrace:                 at System.Runtime.Remoting.Proxies.RealProxy.PrivateInvoke (System.Runtime.Remoting.Proxies.RealProxy rp, IMessage msg, System.Exception&amp; exc, System.Object[]&amp; out_args) [0x00000] in &lt;filename unknown&gt;:0  Exception.ToString(): System.Runtime.Serialization.SerializationException: Unexpected binary element: 0  Server stack trace:     at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObject (BinaryElement element, System.IO.BinaryReader reader, System.Int64&amp; objectId, System.Object&amp; value, System.Runtime.Serialization.SerializationInfo&amp; info) [0x00000] in &lt;filename unknown&gt;:0     at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadValue (System.IO.BinaryReader reader, System.Object parentObject, Int64 parentObjectId, System.Runtime.Serialization.SerializationInfo info, System.Type valueType, System.String fieldName, System.Reflection.MemberInfo memberInfo, System.Int32[] indices) [0x00000] in &lt;filename unknown&gt;:0     at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObjectContent (System.IO.BinaryReader reader, System.Runtime.Serialization.Formatters.Binary.TypeMetadata metadata, Int64 objectId, System.Object&amp; objectInstance, System.Runtime.Serialization.SerializationInfo&amp; info) [0x00000] in &lt;filename unknown&gt;:0     at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObjectInstance (System.IO.BinaryReader reader, Boolean isRuntimeObject, Boolean hasTypeInfo, System.Int64&amp; objectId, System.Object&amp; value, System.Runtime.Serialization.SerializationInfo&amp; info) [0x00000] in &lt;filename unknown&gt;:0     at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObject (BinaryElement element, System.IO.BinaryReader reader, System.Int64&amp; objectId, System.Object&amp; value, System.Runtime.Serialization.SerializationInfo&amp; info) [0x00000] in &lt;filename unknown&gt;:0     at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObject (BinaryElement element,</pre>		

```

System.IO.BinaryReader reader, System.Int64& objectId, System.Object& value,
System.Runtime.Serialization.SerializationInfo& info) [0x00000] in <filename unknown>:0
    at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadNextObject
(System.IO.BinaryReader reader) [0x00000] in <filename unknown>:0
    at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObjectGraph (BinaryElement elem,
System.IO.BinaryReader reader, Boolean readHeaders, System.Object& result,
System.Runtime.Remoting.Messaging.Header[]& headers) [0x00000] in <filename unknown>:0
    at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObjectGraph
(System.IO.BinaryReader reader, Boolean readHeaders, System.Object& result,
System.Runtime.Remoting.Messaging.Header[]& headers) [0x00000] in <filename unknown>:0
    at System.Runtime.Serialization.Formatters.Binary.MessageFormatter.ReadMethodCall (BinaryElement
elem, System.IO.BinaryReader reader, Boolean hasHeaders,
System.Runtime.Remoting.Messaging.HeaderHandler headerHandler,
System.Runtime.Serialization.Formatters.Binary.BinaryFormatter formatter) [0x00000] in <filename
unknown>:0
    at System.Runtime.Serialization.Formatters.Binary.BinaryFormatter.NoCheckDeserialize
(System.IO.Stream serializationStream, System.Runtime.Remoting.Messaging.HeaderHandler handler)
[0x00000] in <filename unknown>:0
    at System.Runtime.Serialization.Formatters.Binary.BinaryFormatter.Deserialize (System.IO.Stream
serializationStream, System.Runtime.Remoting.Messaging.HeaderHandler handler) [0x00000] in <filename
unknown>:0
    at System.Runtime.Remoting.Channels.BinaryServerFormatterSink.ProcessMessage
(IServerChannelSinkStack sinkStack, IMessage requestMsg, ITransportHeaders requestHeaders,
System.IO.Stream requestStream, IMessage& responseMsg, ITransportHeaders& responseHeaders,
System.IO.Stream& responseStream) [0x00000] in <filename unknown>:0

Exception rethrown at [0]:

    at System.Runtime.Remoting.Proxies.RealProxy.PrivateInvoke
(System.Runtime.Remoting.Proxies.RealProxy rp, IMessage msg, System.Exception& exc,
System.Object[]& out_args) [0x00000] in <filename unknown>:0
</pre>

```

## Associated revisions

**12/13/2013 11:42 PM - Mirco Bauer**

Engine, Frontend-GNOME: restored ABI compat with smuxi-servers < 0.8.11 (closes: #893)

## History

**10/22/2013 11:16 PM - Mirco Bauer**

This issue could be a .NET 2.0 vs 4.0 issue, unfortunately the stack trace is not very helpful. Please run this command and paste the result:

```
monodis --assemblyref /usr/lib/smuxi/smuxi-server.exe
```

**10/22/2013 11:19 PM - Samuel Gyger**

produces the following output.

```

<pre>
$> monodis --assemblyref /usr/lib/smuxi/smuxi-server.exe
AssemblyRef Table
1: Version=4.0.0.0
Name=mscorlib
Flags=0x00000000
Public Key:
0x00000000: B7 7A 5C 56 19 34 E0 89

```

```
2: Version=1.2.10.0
Name=log4net
Flags=0x00000000
Public Key:
0x00000000: A5 71 5C C6 D5 C3 54 0B
3: Version=0.8.9.2
Name=smuxi-common
Flags=0x00000000
Zero sized public key
4: Version=0.8.9.2
Name=smuxi-engine
Flags=0x00000000
Zero sized public key
5: Version=4.0.0.0
Name=System.Runtime.Remoting
Flags=0x00000000
Public Key:
0x00000000: B7 7A 5C 56 19 34 E0 89
6: Version=4.0.0.0
Name=System
Flags=0x00000000
Public Key:
0x00000000: B7 7A 5C 56 19 34 E0 89
```

</pre>

**10/22/2013 11:22 PM - Mirco Bauer**

That looks ok, please do the same with the frontend:

```
monodis --assemblyref /usr/lib/smuxi/smuxi-frontend-gnome.exe
```

**10/22/2013 11:24 PM - Samuel Gyger**

Here you go.

```
<pre>
monodis --assemblyref smuxi-frontend-gnome.exe
AssemblyRef Table
1: Version=2.12.0.0
Name=gtk-sharp
Flags=0x00000000
Public Key:
0x00000000: 35 E1 01 95 DA B3 C9 9F
2: Version=4.0.0.0
Name=mscorlib
Flags=0x00000000
Public Key:
0x00000000: B7 7A 5C 56 19 34 E0 89
3: Version=0.9.0.0
Name=smuxi-common
Flags=0x00000000
Zero sized public key
4: Version=2.12.0.0
```

Name=gdk-sharp  
Flags=0x00000000  
Public Key:  
0x00000000: 35 E1 01 95 DA B3 C9 9F  
5: Version=4.0.0.0  
Name=Mono.Posix  
Flags=0x00000000  
Public Key:  
0x00000000: 07 38 EB 9F 13 2E D7 56  
6: Version=2.12.0.0  
Name=glib-sharp  
Flags=0x00000000  
Public Key:  
0x00000000: 35 E1 01 95 DA B3 C9 9F  
7: Version=1.2.10.0  
Name=log4net  
Flags=0x00000000  
Public Key:  
0x00000000: 04 6E D8 BA 4E AE 38 AD  
8: Version=4.0.0.0  
Name=System  
Flags=0x00000000  
Public Key:  
0x00000000: B7 7A 5C 56 19 34 E0 89  
9: Version=0.9.0.0  
Name=smuxi-engine  
Flags=0x00000000  
Zero sized public key  
10: Version=0.9.0.0  
Name=smuxi-frontend  
Flags=0x00000000  
Zero sized public key  
11: Version=2.12.0.0  
Name=pango-sharp  
Flags=0x00000000  
Public Key:  
0x00000000: 35 E1 01 95 DA B3 C9 9F  
12: Version=4.0.0.0  
Name=System.Core  
Flags=0x00000000  
Public Key:  
0x00000000: B7 7A 5C 56 19 34 E0 89  
13: Version=1.0.0.0  
Name=dbus-sharp-glib  
Flags=0x00000000  
Public Key:  
0x00000000: 56 75 B0 C3 09 31 15 B5  
14: Version=1.0.0.0  
Name=dbus-sharp  
Flags=0x00000000  
Public Key:  
0x00000000: 56 75 B0 C3 09 31 15 B5  
15: Version=2.12.0.0

```
Name=glade-sharp
Flags=0x00000000
Public Key:
0x00000000: 35 E1 01 95 DA B3 C9 9F
</pre>
```

**10/26/2013 10:36 AM - Mirco Bauer**

- *Target version changed from 0.9 to 26*

**11/25/2013 08:31 PM - Mirco Bauer**

There is no known fix for this yet. The issue can be avoided though by upgrading the smuxi-server to a newer version.

**11/26/2013 06:51 PM - Mirco Bauer**

Looks like the problem is that 0.8.9.2 uses an automatic serializer for the ServerModel type which receives a `_ServerID` field from a newer Smuxi frontend (like 0.9) but doesn't know what to do with it.

**12/19/2013 04:07 PM - Mirco Bauer**

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*

Applied in changeset commit:"cabaeae8453a18803b989b24d88527ea2f315306".

**12/20/2013 05:27 AM - Mirco Bauer**

- *Target version changed from 26 to 0.10*