

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

Status:	Closed	Priority:	Normal
Author:	Samuel Gyger	Category:	Frontend GNOME
Created:	10/22/2013	Assigned to:	Mirco Bauer
Updated:	12/20/2013	Due date:	
Complexity:			
Found in Version:			
Subject:	Crash on connecting to a server		
Description:	<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 -> Choose a Server (with or w/o additional commands) -> Click Connect</p> <p>*Expected Result:*</p> <p>No Crash.</p> <p>*Stack Trace:*</p> <pre><pre> 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& exc, System.Object[]& out_args) [0x00000] in <filename unknown>: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& objectId, System.Object& value, System.Runtime.Serialization.SerializationInfo& info) [0x00000] in <filename unknown>: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 <filename unknown>:0 at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObjectContent (System.IO.BinaryReader reader, System.Runtime.Serialization.Formatters.Binary.TypeMetadata metadata, Int64 objectId, System.Object& objectInstance, System.Runtime.Serialization.SerializationInfo& info) [0x00000] in <filename unknown>:0 at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObjectInstance (System.IO.BinaryReader reader, Boolean isRuntimeObject, Boolean hasTypeInfo, System.Int64& objectId, System.Object& value, System.Runtime.Serialization.SerializationInfo& info) [0x00000] in <filename unknown>:0 at System.Runtime.Serialization.Formatters.Binary.ObjectReader.ReadObject (BinaryElement element, 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.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*