

## Smuxi - Bug # 997: DatabaseFileLockedException thrown in Db4oMessageBuffer.InitDatabase()

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	Martin Häckel	<b>Category:</b>	Engine
<b>Created:</b>	11/16/2014	<b>Assigned to:</b>	Mirco Bauer
<b>Updated:</b>	02/13/2015	<b>Due date:</b>	
<b>Complexity:</b>			
<b>Found in Version:</b>	0.11		
<b>Subject:</b>	DatabaseFileLockedException thrown in Db4oMessageBuffer.InitDatabase()		
<b>Description:</b>	<p>[2014-11-16]21:17:17] -!- Öffnen des Gesprächsverlaufs zum Schreiben fehlgeschlagen. Ihr Gesprächsverlauf wird nicht vorgehalten. Grund: Sharing violation on path /home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/jabber.ccc.de.db4o</p> <p>[2014-11-16]21:17:17] -!- Öffnen des Gesprächsverlaufs zum Schreiben fehlgeschlagen. Ihr Gesprächsverlauf wird nicht vorgehalten. Grund: Sharing violation on path /home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/contacts.db4o</p> <p>I'm using 2 accounts at jabber.ccc.de, maybe this causing the issue?</p> <p>*.smuxi-server.log:*</p> <pre>----- &lt;pre&gt; 2014-11-16 21:17:17,390 [Threadpool worker] ERROR Smuxi.Engine.Db4oMessageBuffer - InitDatabase(): failed to open message database: /home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/jabber.ccc.de.db4o Db4objects.Db4o.Ext.DatabaseFileLockedException: /home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/jabber.ccc.de.db4o ---&gt; System.IO.IOException: Sharing violation on path /home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/jabber.ccc.de.db4o at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share, Int32 bufferSize, Boolean anonymous, FileOptions options) [0x00000] in &lt;filename unknown&gt;:0 at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share) [0x00000] in &lt;filename unknown&gt;:0 at (wrapper remoting-invoke-with-check) System.IO.FileStream..ctor (string, System.IO.FileMode, System.IO.FileAccess, System.IO.FileShare) at Sharpen.IO.RandomAccessFile..ctor (System.String file, Boolean readOnly, Boolean lockFile) [0x00006] in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/native/Sharpen/IO/RandomAccessFile.cs:22 at Db4objects.Db4o.IO.RandomAccessFileFactory.NewRandomAccessFile (System.String path, Boolean readOnly, Boolean lockFile) [0x00004] in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/native/Db4objects.Db4o/IO/RandomAccessFileFac tory.cs:18 --- End of inner exception stack trace --- at Db4objects.Db4o.IO.RandomAccessFileFactory.NewRandomAccessFile (System.String path, Boolean readOnly, Boolean lockFile) [0x00039] in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/native/Db4objects.Db4o/IO/RandomAccessFileFac tory.cs:30 at Db4objects.Db4o.IO.FileStorage+FileBin..ctor (Db4objects.Db4o.IO.BinConfiguration config) [0x0001e] in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/FileStorage.cs:56 at Db4objects.Db4o.IO.FileStorage.Open (Db4objects.Db4o.IO.BinConfiguration config) [0x00000] in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/FileStorage.cs:32 at Db4objects.Db4o.IO.StorageDecorator.Open (Db4objects.Db4o.IO.BinConfiguration config) [0x00000] in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/StorageDecorator.cs:31 at Db4objects.Db4o.IO.CachingStorage.Open (Db4objects.Db4o.IO.BinConfiguration config) [0x00000] in</pre>		

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/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/CachingStorage.cs:72
    at Db4objects.Db4o.Internal.IoAdaptedObjectContainer.OpenImpl () [0x000a1] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/IoAdaptedObjectContainer.cs:63
    at Db4objects.Db4o.Internal.ObjectContainerBase+IRunnable_129.Run () [0x00075] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerBase.cs:166
    at Db4objects.Db4o.Foundation.DynamicVariable.With (System.Object value, IRunnable block) [0x00018]
in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Foundation/DynamicVariable.cs:63
    at Db4objects.Db4o.Foundation.Environments.RunWith (IEnvironment environment, IRunnable runnable)
[0x00000] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Foundation/Environments.cs:32
    at Db4objects.Db4o.Internal.ObjectContainerBase.WithEnvironment (IRunnable runnable) [0x00000] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerBase.cs:193
    at Db4objects.Db4o.Internal.ObjectContainerBase.Open () [0x00000] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerBase.cs:144
    at Db4objects.Db4o.Internal.IoAdaptedObjectContainer..ctor (IConfiguration config, System.String
fileName) [0x00019] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/IoAdaptedObjectContainer.cs:35
    at Db4objects.Db4o.Internal.ObjectContainerFactory.OpenObjectContainer (IEmbeddedConfiguration
config, System.String databaseFileName) [0x00012] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerFactory.cs:19
    at Db4objects.Db4o.Db4oEmbedded.OpenFile (IEmbeddedConfiguration config, System.String
databaseFileName) [0x0000c] in
/tmp/build/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Db4oEmbedded.cs:97
    at Smuxi.Engine.Db4oMessageBuffer.OpenDatabase () [0x00014] in
/tmp/build/smuxi-0.11~rc5/src/Engine/MessageBuffers/Db4oMessageBuffer.cs:399
    at Smuxi.Engine.Db4oMessageBuffer.InitDatabase () [0x00006] in
/tmp/build/smuxi-0.11~rc5/src/Engine/MessageBuffers/Db4oMessageBuffer.cs:334
2014-11-16 21:17:17,396 [Threadpool worker] ERROR Smuxi.Engine.ChatModel - InitMessageBuffer():
Db4oMessageBuffer() threw exception, falling back to memory backend!
System.IO.IOException: Sharing violation on path
/home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/jabber.ccc.de.db4o
    at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share,
Int32 bufferSize, Boolean anonymous, FileOptions options) [0x00000] in <filename unknown>:0
    at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share)
[0x00000] in <filename unknown>:0
    at (wrapper remoting-invoke-with-check) System.IO.FileStream..ctor
(string, System.IO.FileMode, System.IO.FileAccess, System.IO.FileShare)
    at System.IO.File.OpenWrite (System.String path) [0x00000] in <filename unknown>:0
    at Smuxi.Engine.Db4oMessageBuffer.FixDatabase (System.Exception ex) [0x0002d] in
/tmp/build/smuxi-0.11~rc5/src/Engine/MessageBuffers/Db4oMessageBuffer.cs:433
2014-11-16 21:17:17,441 [Threadpool worker] ERROR Smuxi.Engine.Db4oMessageBuffer - InitDatabase():
failed to open message database:
/home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/contacts.db4o
Db4objects.Db4o.Ext.DatabaseFileLockedException:

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/home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/contacts.db4o      --->
System.IO.IOException:                    Sharing                    violation                    on                    path
/home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/contacts.db4o
  at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share,
Int32 bufferSize, Boolean anonymous, FileOptions options) [0x00000] in <filename unknown>:0
  at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share)
[0x00000] in <filename unknown>:0
      at (wrapper remoting-invoke-with-check) System.IO.FileStream..ctor
(string, System.IO.FileMode, System.IO.FileAccess, System.IO.FileShare)
  at Sharpen.IO.RandomAccessFile..ctor (System.String file, Boolean readOnly, Boolean lockFile) [0x00006]
in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/native/Sharpen/IO/RandomAccessFile.cs:22
  at Db4objects.Db4o.IO.RandomAccessFileFactory.NewRandomAccessFile (System.String path, Boolean
readOnly, Boolean lockFile) [0x00004] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/native/Db4objects.Db4o/IO/RandomAccessFileFac
tory.cs:18
  --- End of inner exception stack trace ---
  at Db4objects.Db4o.IO.RandomAccessFileFactory.NewRandomAccessFile (System.String path, Boolean
readOnly, Boolean lockFile) [0x00039] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/native/Db4objects.Db4o/IO/RandomAccessFileFac
tory.cs:30
  at Db4objects.Db4o.IO.FileStorage+FileBin..ctor (Db4objects.Db4o.IO.BinConfiguration config) [0x0001e]
in /tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/FileStorage.cs:56
  at Db4objects.Db4o.IO.FileStorage.Open (Db4objects.Db4o.IO.BinConfiguration config) [0x00000] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/FileStorage.cs:32
  at Db4objects.Db4o.IO.StorageDecorator.Open (Db4objects.Db4o.IO.BinConfiguration config) [0x00000] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/StorageDecorator.cs:31
  at Db4objects.Db4o.IO.CachingStorage.Open (Db4objects.Db4o.IO.BinConfiguration config) [0x00000] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/IO/CachingStorage.cs:72
      at Db4objects.Db4o.Internal.IoAdaptedObjectContainer.OpenImpl () [0x000a1] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/IoAdaptedObjectContain
er.cs:63
      at Db4objects.Db4o.Internal.ObjectContainerBase+_IRunnable_129.Run () [0x00075] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerBase.cs:
166
  at Db4objects.Db4o.Foundation.DynamicVariable.With (System.Object value, IRunnable block) [0x00018]
in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Foundation/DynamicVariable.cs:6
3
  at Db4objects.Db4o.Foundation.Environments.RunWith (IEnvironment environment, IRunnable runnable)
[0x00000] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Foundation/Environments.cs:32

  at Db4objects.Db4o.Internal.ObjectContainerBase.WithEnvironment (IRunnable runnable) [0x00000] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerBase.cs:
193
      at Db4objects.Db4o.Internal.ObjectContainerBase.Open () [0x00000] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerBase.cs:
144
  at Db4objects.Db4o.Internal.IoAdaptedObjectContainer..ctor (IConfiguration config, System.String
fileName) [0x00019] in
/tmp/buildd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/IoAdaptedObjectContain
er.cs:35
  at Db4objects.Db4o.Internal.ObjectContainerFactory.OpenObjectContainer (IEmbeddedConfiguration

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config,          System.String          databaseFileName)          [0x00012]          in
/tmp/builddd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Internal/ObjectContainerFactory.c
s:19
    at Db4objects.Db4o.Db4oEmbedded.OpenFile (IEmbeddedConfiguration config, System.String
databaseFileName)          [0x0000c]          in
/tmp/builddd/smuxi-0.11~rc5/lib/db4o-net/Db4objects.Db4o/Db4objects.Db4o/Db4oEmbedded.cs:97
    at Smuxi.Engine.Db4oMessageBuffer.OpenDatabase () [0x00014] in
/tmp/builddd/smuxi-0.11~rc5/src/Engine/MessageBuffers/Db4oMessageBuffer.cs:399
    at Smuxi.Engine.Db4oMessageBuffer.InitDatabase () [0x00006] in
/tmp/builddd/smuxi-0.11~rc5/src/Engine/MessageBuffers/Db4oMessageBuffer.cs:334
2014-11-16 21:17:17,441 [Threadpool worker] ERROR Smuxi.Engine.ChatModel - InitMessageBuffer():
Db4oMessageBuffer() threw exception, falling back to memory backend!
System.IO.IOException:          Sharing          violation          on          path
/home/martin/.local/share/smuxi/buffers/martin/xmpp/jabber.ccc.de/contacts.db4o
    at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share,
Int32 bufferSize, Boolean anonymous, FileOptions options) [0x00000] in <filename unknown>:0
    at System.IO.FileStream..ctor (System.String path, FileMode mode, FileAccess access, FileShare share)
[0x00000] in <filename unknown>:0
    at (wrapper remoting-invoke-with-check) System.IO.FileStream..ctor
(string, System.IO.FileMode, System.IO.FileAccess, System.IO.FileShare)
    at System.IO.File.OpenWrite (System.String path) [0x00000] in <filename unknown>:0
    at Smuxi.Engine.Db4oMessageBuffer.FixDatabase (System.Exception ex) [0x0002d] in
/tmp/builddd/smuxi-0.11~rc5/src/Engine/MessageBuffers/Db4oMessageBuffer.cs:433
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Smuxi
Vendor: Debian 0.11~rc5-1
Frontend: GNOME 0.11.0.0
Engine: 0.11.0.0

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## History

### 11/17/2014 12:17 PM - Mirco Bauer

The experimental db4o backend was never production ready. You should upgrade to the sqlite backend of Smuxi 0.12-dev.

### 11/17/2014 12:18 PM - Mirco Bauer

Smuxi can deal with multiple connections to the same server/network but not with the on-disk chat history backed by db4o, the sqlite backend supports multiple reader and writers.

### 11/17/2014 12:20 PM - Mirco Bauer

- Subject changed from *Öffnen des Gesprächsverlaufs zum Schreiben fehlgeschlagen* to *DatabaseFileLockedException thrown in Db4oMessageBuffer.InitDatabase*
- Category set to *Engine*

### 11/22/2014 04:30 PM - Martin Häckel

sqlite <-> db4o: So, does this change, when I switch in the settings from "Volatil" to "Persistent" ?

I couldn't find a documentation, what's exactly the difference between the two settings. Also the different buffer line settings should be explained somewhere more detailed. It's a little bit confusing at the first view...

### 11/25/2014 07:43 PM - Mirco Bauer

Martin Häckel wrote:

> sqlite <-> db4o: So, does this change, when I switch in the settings from "Volatil" to "Persistent" ?

Yes Persistent uses db4o as backend and that threw the exceptions you have reported.

>

> I couldn't find a documentation, what's exactly the difference between the two settings. Also the different buffer line settings should be explained somewhere more detailed. It's a little bit confusing at the first view...

I agree, I sometimes also forget what each setting means related to the buffers :-D

**11/25/2014 07:43 PM - Mirco Bauer**

- Assigned to set to Mirco Bauer

**02/13/2015 10:44 AM - Mirco Bauer**

Martin Häckel wrote:

> sqlite <-> db4o: So, does this change, when I switch in the settings from "Volatil" to "Persistent" ?

>

> I couldn't find a documentation, what's exactly the difference between the two settings.

Smuxi's message buffers are now documented: <https://smuxi.im/faq/usage/message-buffer-settings/>