

performance problem with JMS

Source: <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2004-08/2648.html>

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Date: 08/23/04

Date: Mon, 23 Aug 2004 15:25:55 +0200

Hi,

I use JMS for communication between a client and a "server", which is executed in an oracle database. Oracle supplies "Advanced Queuing", which implements the JMS-Interfaces.

The first messages are sent very fast, often less than 100ms. But when time goes on, this time increases to more than one second. My code implements a MessageListener, where the server receives messages from the clients and processes them. The important parts look like this:

```
QueueConnection m_qconn;
QueueSession m_qsession;
QueueSender m_sender_seekAnswer;

public void onMessage (Message m) {
    try {
        MapMessage msg = (MapMessage)m;
        long newPos = msg.getLong("newPosition");
        long answer;
        ...
        MapMessage msgAnswer=streamvideo.m_qsession.createMapMessage();
        msgAnswer.setLong("newPosition", answer);
        m_sender_seekAnswer.send(msgAnswer);
        m_qsession.commit();
    }
    catch (JMSEException ex) {
    }
}
```

where m_qsession and m_sender_seekAnswer are initialized in these methods:

```
private void initQueueSession () {
    QueueConnectionFactory qcfact;
    m_qsession = null;
    try {
        qcfact = AQjmsFactory.getQueueConnectionFactory(
            "host", "TestDB", 1521, "thin");
        m_qconn = qcfact.createQueueConnection("Tester", "pass");
    }
```

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```
m_qsession = m_qconn.createQueueSession(
    true, Session.CLIENT_ACKNOWLEDGE);
m_qconn.start();
}
catch (Exception ex) {
}
}

private void initSender() throws AQException, JMSEException {
    Queue queue;
    queue=((AQjmsSession)m_qsession).getQueue("TESTER", "JMS_ANSWER_Q");
    m_sender_seekAnswer=((AQjmsSession)m_qsession).createSender(queue);
}
```

The described delay occurs at
m_qsession.commit();

If I do not use a transacted QueueSession and create m_qsession with
m_qsession = m_qconn.createQueueSession(
false, Session.AUTO_ACKNOWLEDGE);
the same beviour accours at
m_sender_seekAnswer.send(msgAnswer);

Do you have any ideas, what could cause this problem?
Besides the sender there is a receiver too, which is created from
m_qsession. Maybe this is a problem?

Thanks in advance
Christian

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