

Hibernate connection pooling beállítása

Sziasztok!

Szeretnék segítséget kérni egy mysql-hibernate c3p0 pooling beállításához mivel valamiért mindig elfogynak a kapcsolatok... ez egy GWT alapú webapp viszont van benne egy print thread és ebben a threadben fogy el valamiért a szabad kapcsolatok száma.

A print thread nagyon egyszer: elindul a szál, megnézi egy List-ben hogy van-e nyomtatandó blokk, ha igen akkor kinyomtat 6 darabot, ha ezzel megvan akkor csinál egy másik szálát és elmegy 1 percre aludni. A másik szál csak annyit csinál hogy interneten egy json rest apit meghív ha kap vissza adatot akkor feldolgozza és a nyomtatandó blokkot berakja a print thread-be(statikus metodussal...)

A print threadben így indítom el a másik szálát:

```
new Thread(new Runnable() {
@Override
public void run() {
logger.trace("START PRINT THREAD => getNewDatasAndPrint() THREAD");
EntityManager entityManager = createEntityManager();
try {
entityManager.getTransaction().begin();
bkp_POSPrintService.getNewDatasAndPrint(entityManager);
entityManager.getTransaction().commit();
entityManager.close();
logger.trace("END PRINT THREAD => getNewDatasAndPrint() THREAD");
} catch (Exception ex) {
if (entityManager.getTransaction().isActive()) {
entityManager.getTransaction().rollback();
}
entityManager.close();
logger.warn("PRINT THREAD EXCEPTION2: " + ex.getMessage());
}
}
}).start();
```

az entity managert így hozom létre:

```
public static EntityManager createEntityManager() {
EntityManagerFactory createEntityManagerFactory = Persistence.createEntityManagerFactory(entityManagerUnitName);
return createEntityManagerFactory.createEntityManager();
}
```

persistence.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<persistence xmlns="http://java.sun.com/xml/ns/persistence" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="http://java.sun.com/xml/ns/persistence http://java.sun.com/xml/ns/persistence
/persistence_2_0.xsd" version="2.0">
<persistence-unit name="etelkiszallitoszamlazo">
<class>.....</class>
<properties>
<property name="hibernate.hbm2ddl.auto" value="update" />
<property name="hibernate.current_session_context_class" value="thread" />
<property name="hibernate.format_sql" value="true" />
<property name="hibernate.connection.CharSet" value="utf8" />
<property name="hibernate.connection.characterEncoding" value="utf8" />
<property name="hibernate.connection.useUnicode" value="true" />
<property name="hibernate.archive.autodetection" value="class, hbm" />
<property name="hibernate.show_sql" value="true" />
<property name="hibernate.connection.driver_class" value="com.mysql.jdbc.Driver" />
<property name="hibernate.connection.password" value="" />
<property name="hibernate.connection.url" value="jdbc:mysql://localhost/DBNEV" />
<property name="hibernate.connection.username" value="root" />
<property name="hibernate.dialect" value="org.hibernate.dialect.MySQL5BitBooleanDialect" />
<property name="hibernate.c3p0.min_size" value="1" />
<!-- 5 -->
<property name="hibernate.c3p0.max_size" value="4" />
<!-- 20 -->
<property name="hibernate.c3p0.timeout" value="1200" />
<!-- 1800 -->
<property name="hibernate.c3p0.max_statements" value="15" />
<!-- 50 -->
<property name="hibernate.c3p0.idle_test_period" value="300" />
</properties>
</persistence-unit>
</persistence>
```

mysql-nel a mysql-huge config fájljt használok...

és ezt az exceptiont kapom:

```
2013-03-25/13:32:29.937/CET [Thread-479] TRACE (hu.eggproject.etelkiszallito.szamlazo.server.servlet.PrintThread:
103) - run - END PRINT THREAD => getNewDatasAndPrint() THREAD
2013-03-25/13:32:56.343/CET [com.mchange.v2.async.ThreadPoolAsynchronousRunner$PoolThread-#2] WARN (com.mchange.
v2.resourcepool.BasicResourcePool:1841) - run - com.mchange.v2.resourcepool.BasicResourcePool$AcquireTask@114344a
-- Acquisition Attempt Failed!!! Clearing pending acquires. While trying to acquire a needed new resource, we
failed to succeed more than the maximum number of allowed acquisition attempts (30). Last acquisition attempt
exception:
com.mysql.jdbc.exceptions.jdbc4.MySQLNonTransientConnectionException: Data source rejected establishment of
connection, message from server: "Too many connections"
at sun.reflect.GeneratedConstructorAccessor193.newInstance(Unknown Source)
at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:27)
at java.lang.reflect.Constructor.newInstance(Constructor.java:513)
at com.mysql.jdbc.Util.handleNewInstance(Util.java:406)
at com.mysql.jdbc.Util.getInstance(Util.java:381)
at com.mysql.jdbc.SQLError.createSQLException(SQLError.java:984)
at com.mysql.jdbc.SQLError.createSQLException(SQLError.java:956)
at com.mysql.jdbc.MySQLIO.doHandshake(MySQLIO.java:1102)
at com.mysql.jdbc.ConnectionImpl.createNewIO(ConnectionImpl.java:2142)
at com.mysql.jdbc.ConnectionImpl.<init>(ConnectionImpl.java:773)
at com.mysql.jdbc.JDBC4Connection.<init>(JDBC4Connection.java:46)
at sun.reflect.GeneratedConstructorAccessor62.newInstance(Unknown Source)
at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:27)
at java.lang.reflect.Constructor.newInstance(Constructor.java:513)
at com.mysql.jdbc.Util.handleNewInstance(Util.java:406)
at com.mysql.jdbc.ConnectionImpl.getInstance(ConnectionImpl.java:352)
at com.mysql.jdbc.NonRegisteringDriver.connect(NonRegisteringDriver.java:282)
at com.mchange.v2.c3p0.DriverManagerDataSource.getConnection(DriverManagerDataSource.java:135)
at com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.java:
182)
at com.mchange.v2.c3p0.WrapperConnectionPoolDataSource.getPooledConnection(WrapperConnectionPoolDataSource.java:
171)
at com.mchange.v2.c3p0.impl.C3P0PooledConnectionPool$1PooledConnectionResourcePoolManager.acquireResource
(C3P0PooledConnectionPool.java:137)
at com.mchange.v2.resourcepool.BasicResourcePool.doAcquire(BasicResourcePool.java:1014)
at com.mchange.v2.resourcepool.BasicResourcePool.access$800(BasicResourcePool.java:32)
at com.mchange.v2.resourcepool.BasicResourcePool$AcquireTask.run(BasicResourcePool.java:1810)
at com.mchange.v2.async.ThreadPoolAsynchronousRunner$PoolThread.run(ThreadPoolAsynchronousRunner.java:547)
```

valaki valami tipp hogy mit rontok el ? 😊