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JBoss Datasource SPY logging

Datasource SPY logging

JBoss

SQL

logging subsystem

logging subsystem

SPY logging

```
<logger category="jboss.jdbc.spy">
  <level name="TRACE"/>
</logger>
```

configuration

```
<subsystem xmlns="urn:jboss:domain:logging:1.1">
  <console-handler name="CONSOLE">
    <level name="INFO"/>
    <formatter>
      <pattern-formatter pattern="%d{HH:mm:ss,SSS} %-5p [%c] (%t)
%s%E%n"/>
    </formatter>
  </console-handler>
  <periodic-rotating-file-handler name="FILE">
    <formatter>
      <pattern-formatter pattern="%d{HH:mm:ss,SSS} %-5p [%c] (%t)
%s%E%n"/>
    </formatter>
    <file relative-to="jboss.server.log.dir" path="server.log"/>
    <suffix value=".yyyy-MM-dd"/>
    <append value="true"/>
  </periodic-rotating-file-handler>
  <logger category="com.arjuna">
    <level name="WARN"/>
  </logger>
  <logger category="org.apache.tomcat.util.modeler">
    <level name="WARN"/>
  </logger>
  <logger category="sun.rmi">
    <level name="WARN"/>
  </logger>
  <logger category="jacob" >
    <level name="WARN"/>
  </logger>
```


output

```

23:01:14,744 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1)
java:/MySqlDS [Connection] createStatement()
23:01:14,748 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1)
java:/MySqlDS [Statement] executeQuery(SELECT * FROM emp)
23:01:14,756 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1)
java:/MySqlDS [ResultSet] next()
23:01:14,756 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1)
java:/MySqlDS [ResultSet] getString(1)
23:01:14,757 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1)
java:/MySqlDS [ResultSet] getString(2)
23:01:14,757 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1)
java:/MySqlDS [ResultSet] next()
23:01:14,757 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1)
java:/MySqlDS [Connection] close()

```

jca logging

가 jca

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```

<logger category="org.jboss.jca">
  <level name="TRACE"/>
</logger>

```

jca

가

datasource

가

```

23:58:12,112 TRACE
[org.jboss.jca.core.connectionmanager.NoTxConnectionManager] (http-
localhost-127.0.0.1-8080-1) Subject: Subject:
  Principal: root
  Private Credential:
javax.resource.spi.security.PasswordCredential@dd9c93cc

23:58:12,122 DEBUG
[org.jboss.jca.core.connectionmanager.pool.idle.IdleRemover] (http-
localhost-127.0.0.1-8080-1) internalRegisterPool: about to notify thread:
old next: 1322937792121, new next: 1322937792121
23:58:12,123 TRACE
[org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject] (http-
localhost-127.0.0.1-8080-1) ManagedConnectionPool: 52e0cdc9
Method: getConnection(Subject:
  Principal: root

```

```
Private Credential:
javax.resource.spi.security.PasswordCredential@dd9c93cc
, null)
ManagedConnectionFactory:
  Class: org.jboss.jca.adapters.jdbc.local.LocalManagedConnectionFactory
  Object: 4200309
ConnectionListenerFactory:
  Class: org.jboss.jca.core.connectionmanager.notx.NoTxConnectionManagerImpl
  Object: 51a745fc
Pool:
  Name: MySqlDS_Pool
PoolConfiguration:
  MinSize: 0
  MaxSize: 20
  BlockingTimeout: 30000
  IdleTimeout: 1800000
  BackgroundValidation: false
  BackgroundValidationMillis: 0
  StrictMin: false
  UseFastFail: false
Available:
InUse:
Statistics:
  ActiveCount: 0
  AvailableCount: 20
  AverageBlockingTime: 0
  AverageCreationTime: 0
  CreatedCount: 0
  DestroyedCount: 0
  MaxCreationTime: 0
  MaxUsedCount: 0
  MaxWaitCount: 0
  MaxWaitTime: 0
  TimedOut: 0
  TotalBlockingTime: 0
  TotalCreationTime: 0
23:58:12,124 TRACE
[org.jboss.jca.adapters.jdbc.local.LocalManagedConnectionFactory] (http-localhost-127.0.0.1-8080-1) Using properties: {user=root, password=--hidden-}
23:58:12,124 TRACE
[org.jboss.jca.adapters.jdbc.local.LocalManagedConnectionFactory] (http-localhost-127.0.0.1-8080-1) Checking driver for URL:
jdbc:mysql://localhost:3306/testDB
23:58:12,125 TRACE
[org.jboss.jca.adapters.jdbc.local.LocalManagedConnectionFactory] (http-localhost-127.0.0.1-8080-1) Driver not yet registered for url:
jdbc:mysql://localhost:3306/testDB
23:58:12,125 DEBUG
```

```
[org.jboss.jca.adapters.jdbc.local.LocalManagedConnectionFactory] (http-localhost-127.0.0.1-8080-1) Driver loaded and instance created:com.mysql.jdbc.Driver@75589559
23:58:12,180 DEBUG [org.jboss.jca.core.tx.jbossts.XAResourceRecoveryImpl] (Periodic Recovery) RecoverySecurityDomain was empty
23:58:12,180 DEBUG [org.jboss.jca.core.tx.jbossts.XAResourceRecoveryImpl] (Periodic Recovery) Subject for recovery was null
23:58:12,338 TRACE
[org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject] (http-localhost-127.0.0.1-8080-1) supplying new ManagedConnection:
org.jboss.jca.core.connectionmanager.listener.NoTxConnectionListener@4b7d94f8[state=NORMAL managed
connection=org.jboss.jca.adapters.jdbc.local.LocalManagedConnection@21bf4c80
connection handles=0 lastUse=1322936892337 trackByTx=false
pool=org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject@163778cf pool internal
context=org.jboss.jca.core.connectionmanager.pool.mcp.SemaphoreArrayListManagedConnectionPool@52e0cdc9]
23:58:12,338 TRACE
[org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject] (http-localhost-127.0.0.1-8080-1) Got connection from pool:
org.jboss.jca.core.connectionmanager.listener.NoTxConnectionListener@4b7d94f8[state=NORMAL managed
connection=org.jboss.jca.adapters.jdbc.local.LocalManagedConnection@21bf4c80
connection handles=0 lastUse=1322936892337 trackByTx=false
pool=org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject@163778cf pool internal
context=org.jboss.jca.core.connectionmanager.pool.mcp.SemaphoreArrayListManagedConnectionPool@52e0cdc9]
23:58:12,347 INFO [stdout] (http-localhost-127.0.0.1-8080-1) ==> Got Connection = org.jboss.jca.adapters.jdbc.jdk6.WrappedConnectionJDK6@28892a87
23:58:12,350 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1) java:/MySqlDS [Connection] createStatement()
23:58:12,355 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1) java:/MySqlDS [Statement] executeQuery(SELECT * FROM emp)
23:58:12,362 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1) java:/MySqlDS [ResultSet] next()
23:58:12,363 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1) java:/MySqlDS [ResultSet] getString(1)
23:58:12,363 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1) java:/MySqlDS [ResultSet] getString(2)
23:58:12,363 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1) java:/MySqlDS [ResultSet] next()
23:58:12,363 DEBUG [jboss.jdbc.spy] (http-localhost-127.0.0.1-8080-1) java:/MySqlDS [Connection] close()
23:58:12,365 TRACE
[org.jboss.jca.core.connectionmanager.listener.NoTxConnectionListener] (http-localhost-127.0.0.1-8080-1) unregisterConnection: 0 handles left
23:58:12,365 TRACE
[org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject] (http-localhost-127.0.0.1-8080-1) ManagedConnectionPool: 52e0cdc9
```

```
Method: returnConnection(4b7d94f8, false)
ManagedConnectionFactory:
  Class: org.jboss.jca.adapters.jdbc.local.LocalManagedConnectionFactory
  Object: 4200309
ConnectionFactory:
  Class: org.jboss.jca.core.connectionmanager.notx.NoTxConnectionManagerImpl
  Object: 51a745fc
Pool:
  Name: MySqlDS_Pool
PoolConfiguration:
  MinSize: 0
  MaxSize: 20
  BlockingTimeout: 30000
  IdleTimeout: 1800000
  BackgroundValidation: false
  BackgroundValidationMillis: 0
  StrictMin: false
  UseFastFail: false
Available:
InUse:
  4b7d94f8 (NORMAL)
Statistics:
  ActiveCount: 1
  AvailableCount: 19
  AverageBlockingTime: 0
  AverageCreationTime: 212
  CreatedCount: 1
  DestroyedCount: 0
  MaxCreationTime: 212
  MaxUsedCount: 1
  MaxWaitCount: 0
  MaxWaitTime: 0
  TimedOut: 0
  TotalBlockingTime: 0
  TotalCreationTime: 212
23:58:12,366 TRACE
[org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject] (http-localhost-127.0.0.1-8080-1) Returning connection to pool
org.jboss.jca.core.connectionmanager.listener.NoTxConnectionListener@4b7d94f8[state=NORMAL managed
connection=org.jboss.jca.adapters.jdbc.local.LocalManagedConnection@21bf4c80
connection handles=0 lastUse=1322936892366 trackByTx=false
pool=org.jboss.jca.core.connectionmanager.pool.strategy.PoolBySubject@163778cf pool internal
context=org.jboss.jca.core.connectionmanager.pool.mcp.SemaphoreArrayListManagedConnectionPool@52e0cdc9]
```


- <http://middlewaredmagic.com/jboss/?p=1050>

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