

Question

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JDBC Gateway Server Crash

I am trying to troubleshoot an issue I am having with the JDBC Gateway Server crashing at the %SYS level. I have numerous Linked Tables that are using JDBC to connect to a MS SQL database/tables to query values. I have written queries in other class files and within the class definition of the linked table to do the queries.

1. Should I be running the query in the class definition of the linked table as a class method? or is it best practice to run the query as a class method outside of the class definition of the linked table?
2. I was reading documentation and came across the [Config.Gateway](#) SQL table in IRIS, we are moving to IRIS but for right now is there an equivalent in Cache 2018.1.3?
3. Is there a way to set the Timeout to other than 2 for the JDBC Gateway Server?

The screenshot shows the 'JDBC Gateway Server' configuration page. On the left, the 'Settings' section includes fields for 'Port Number' (62972), 'Log File' (ensemble/TestClin/logs/JDBCGatewayServer.log), 'Java Home Directory' (usr/java71_64), and 'JVM Arguments'. Below these is a 'Use Passphrase' checkbox. On the right, the 'Status Information' section shows 'JDBC Gateway is running' with 'Start' and 'Stop' buttons. Below that, the 'Recent Activity' table lists log entries.

ID	Date Time	Record Type	Job	Text
229	2022-10-13 09:26:38	Info	36700576	Invoking %Connect with Server='127.0.0.1', Port='62972', Namespace='TESTCLIN', Timeout='2', AdditionalPaths=''
228	2022-10-13 09:23:58	Info	61014726	Invoking %Connect with Server='127.0.0.1', Port='62972', Namespace='TESTCLIN', Timeout='2', AdditionalPaths=''
227	2022-10-13 09:23:58	Info	61014726	Gateway Server successfully started
226	2022-10-13 09:23:58	Info	61014726	Execution returned: ''
225	2022-10-13 09:23:57	Info	61014726	Executing O.S. command: 'usr/java71_64/bin/java -Xrs -classpath ensemble/TestClin/dev/java/lib/JDK17/cache-gateway-2.0.0.jar ensemble/TestClin/dev/java/lib/JDK17/cache-jdbc-2.0.0.jar com.intersys.gateway'
224	2022-10-13 09:23:56	Info	61014726	Starting Java Gateway Server 'JDBC_Default'

3. Is there a way to specify more than one JDBC Gateway at the %SYS level in case one fails?

4. Could it possibly be something within my queries?

Any help would be appreciated

[#JDBC](#) [#System Administration](#) [#Ensemble](#)

Product version: Caché 2018.1

Source URL: <https://community.intersystems.com/post/jdbc-gateway-server-crash>