How to enable tool debugging in SQL Developer (Doc ID 1940674.1)

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APPLIES TO:

Oracle SQL Developer - Version 3.0 to 4.0 [Release 3 to 4]
Information in this document applies to any platform.
When issues with the operation of SQL Developer are perceived, it is sometimes useful to enable the tool's own debugging functionality to understand what is going on "under the hood."

GOAL

The debugging logs that can be produced by SQL Developer are often helpful in understanding the tool's operation, and differentiating potential tool issues and issues with the operating system and resources being used.

SOLUTION

To enable SQL Developer's own debugging feature:

1) Set the logging directory for SQL Developer. Start the tool then go to:

Tools -> Preferences -> Environment -> Log

Set your desired log directory, then exit SQL Developer.

2) Edit the sqldeveloper.conf file located by default in the unzip directory's sqldeveloper\sqldeveloper\bin directory, and comment out (prepend #) the following line:

```
#IncludeConfFile sqldeveloper-nondebug.conf
```

Then add these two lines:

```
IncludeConfFile sqldeveloper-debug.conf
AddVMOption -Dcom.methodr.loglevel=all
```

3) Restart SQL Developer.

4) Perform the test/operation.

5) Exit SQL Developer and re-edit the sqldeveloper.conf file to stop debug logging.

6) Zip up the logs in directory you specified in Step 1 that have timestamps corresponding to the requested tests, and upload to the SR for Support's review.

Notes

- When the tests are completed set your sqldeveloper.conf settings back to the original values and/or comment out the new lines so you do not unnecessarily accumulate log files.

- You can observe the logging in your SQL Dev session on screen if you wish. If not automatically invoked, go to View -> Log -> Logging Page subtab.

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