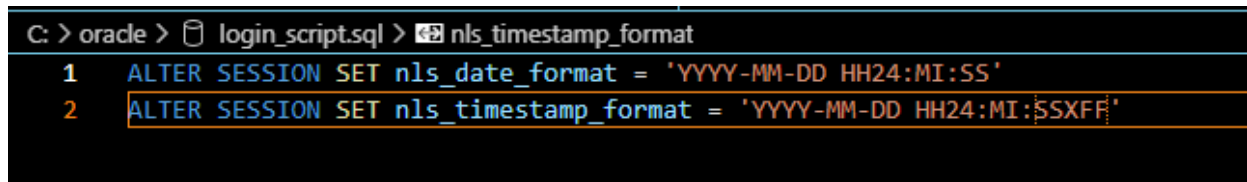
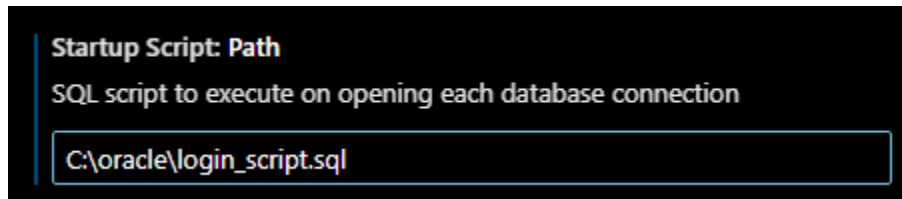
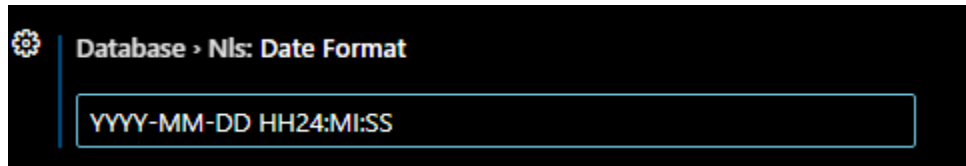


Oracle SQL Developer for VS Code Date Display Issue

Attempts to set the date format:



A screenshot of the 'SQL HISTORY' tab in VS Code. It shows a table with columns: Statement, Connection, Created, Type, and Executions. The first row shows the command 'ALTER SESSION SET nls_date_format='YYYY-MM-DD HH24:MI:SS'', connection 'PRONTO Prod', and creation time '06/03/2024 04:02:42'.

Statement	Connection	Created	Type	Executions
ALTER SESSION SET nls_date_format='YYYY-MM-DD HH24:MI:SS'	PRONTO Prod	06/03/2024 04:02:42	SQL	1

As you can see above, even after all of those attempts, the format of the date in the Created column is still incorrect.

The output in the Data tab is also still not correct:

A screenshot of the 'Data' tab in VS Code showing a table with columns 'COLUMN_NAME' and 'DATA_TYPE'. The first row shows 'DWH_EFF_DATE' and 'DATE'.

	COLUMN_NAME	DATA_TYPE
1	DWH_EFF_DATE	DATE

A screenshot of the 'Data' tab in VS Code showing a table with columns 'DWH_EFF_DATE' and 'DATA_TYPE'. The first row shows '08/11/2023 12:00:00'.

	DWH_EFF_DATE	DATA_TYPE
1	08/11/2023 12:00:00	

But it works just fine from a SQL Worksheet:

All rows fetched: 10 in 0.267 seconds

	DWH_EFF_DATE
1	2023-11-08 00:00:00

Settings for date display:

All rows fetched: 3 in 0.296 seconds

	SOURCELEVEL	PARAMETER	VALUE
1	NLS_SESSION_PARAMETERS	NLS_DATE_FORMAT	YYYY-MM-DD HH24:MI:SS
2	NLS_INSTANCE_PARAMETERS	NLS_DATE_FORMAT	(null)
3	NLS_DATABASE_PARAMETERS	NLS_DATE_FORMAT	DD-MON-RR

MORE INFO

OS default date display (both client and server):

5:26 PM
3/6/2024

So I'm not sure where it is getting the format it uses - it doesn't seem to be the client OS default nor the database/instance/server default, nor the session default.

And this happens across two different Oracle servers and clients - I have two different applications that both use Oracle, one hosted on site and one hosted in a cloud service, and I have VS Code with the SQL Dev extension installed on my desktop (Windows 10) and a Windows Server 2019 system that I access over RDP. All of the screenshots here are from the Server 2019 client connecting to the Cloud hosted Oracle DB, but I have confirmed the same results when connecting to the locally hosted DB from the 2019 Server and to the locally hosted DB from my desktop (I cannot connect to the Cloud hosted DB from my desktop due to firewall restrictions).

The locally hosted DB I can RDP to to check the server OS defaults, but I do not have admin access to the Oracle DB (either Oracle DB - cloud or local). For clarification, the cloud hosted DB is hosted by the vendor of the product that uses the DB, not Oracle.

I'm certainly open to the possibility that I am missing something but since it affects the Worksheet output, I can't imagine what.