Cannot resolve the collation conflict

One possible cause of the "Cannot resolve the collation conflict" error message is that your database collation doesn't match the TempDB Collation.

Recommendation

It is recommended that the collation of your database match the collation TempDB. It is possible that if your collations do not match that you may get errors, or that queries using TempDB will not run correctly.
If you use temp tables and your database collation doesn't match the TempDB collation you will get an error similar to the following error when you attempt to join to Temp Tables:

Cannot resolve the collation conflict

Msg 468, Level 16, State 9, Line 11
Cannot resolve the collation conflict between "SQL_Latin1_General_CP437_CI_AS" and "Latin1_General_CI_AS" in the equal to operation.

Example Code

First to try the example, you need to check the collation of TempDB.

Which will look something like this (actual collation may vary).

Then you need a database that has a different collation from that of TempDB.

or if TempDB is Latin1_General_CI_AS then make it different from TempDB

Once you have a database with a different collation, you need some data to work with. In this example, I am going to use the table from my CTE presentation.

Now we check the collations to confirm that they are different.

Lets see where it breaks:

Which will produce the following error:

Msg 468, Level 16, State 9, Line 11
Cannot resolve the collation conflict between "SQL_Latin1_General_CP437_CI_AS" and "Latin1_General_CI_AS" in the equal to operation.

How do we fix it?

You could change your database collation to match what TempDB is using, or you could specify the collation in the query.

Another option would be to use the database default collation on both.

Keep in mind that it is recommended that the collation of your database match that of TempDB, but if they don't you can use the above alternatives to make it work.

Similar errors:

Cannot resolve the collation conflict between "sql_latin1_general_cp437_ci_as" and "latin1_general_ci_as" in the equal to operation.
Cannot resolve the collation conflict between "sql_latin1_general_cp437_ci_as" and

"sql_latin1_general_cp437_ci_as" in the union operation.