

## Data Compare Scripting Options

Scripting Options are listed on the second tab of the IDERA Data Compare Options window. Those options affect the way the synchronization script is generated but do not affect the comparison operation.

- Transaction size.** Determines the size of the script that will be wrapped in a single transaction. Depending on the size of the databases/tables being compared the synchronization script may get to be extremely large. Wrapping such large scripts in a single transaction may not be possible due to transaction size limitations, and may not be acceptable for performance and other reasons. So, it is necessary to split the script into smaller "chunks" and wrap each of those "chunks" in individual transactions. If the synchronization process is canceled or fails due to errors, only the current open transaction is rolled back. Changes committed prior to that transaction are permanent and cannot be reversed. To have an unlimited transaction size specify 0 as the max value. Having an unlimited transaction size ensures that all changes in the database are rolled back if an error occurs, but might be rejected by Oracle.

**i** Finding the right transaction size depends on many factors - please adjust this option carefully to suit your specific environment.

The screenshot shows the 'IDERA Data Compare for Oracle Database' window with the 'Scripting Options' tab selected. The window title bar includes a close button (X). The main area is titled 'View or change data compare options'. Below this, there are two tabs: 'Comparison Options' and 'Scripting Options'. The 'Scripting Options' tab is active and contains the following settings:

- ☒ Generate and execute a transactional script
  - Transaction size (in MB): 256 (up to 2048 MB)
- ☐ Log script execution
  - Log file: [text box] ...
- ☒ Disable DML triggers
  - Drop/Create [dropdown] Action on foreign keys

On the right side of the window, there is a 'Description:' section with the following text:

Indicates whether Data Compare should generate or execute a transactional script. You can also specify the maximum transaction size in MB. If the maximum transaction size is reached, the running transaction commits and a new transaction starts. A value of 0 indicates an unlimited transaction.

Below the description is a 'Remarks:' section with the following text:

Use this option carefully. Turning off the transactional option would make it impossible to reverse database changes made by the synchronization script.

At the bottom right of the window is a 'Restore Default Options' link. At the very bottom of the window are 'OK' and 'Cancel' buttons.