

Using SETTAG and EXCLUDETAG to avoid Looping and Allow for the GoldenGate 12.2 Integrated Heartbeat Table

Edward Whalen
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In previous blogs I covered the issue with using EXCLUDEUSER and the GoldenGate 12.2 Integrated Heartbeat Table. I've also covered the use of SETTAG and EXCLUDETAG to avoid looping in the context of the Oracle 12c Multitenant Database Feature. It suddenly dawned on me that I can use SETTAG/EXCLUDETAG to both avoid looping and allow for the Integrated Heartbeat Table.

The SETTAG feature tags the replicat transactions with a transaction name that can then be excluded with the extract's EXCLUDETAG. This works to avoid looping and provides control over processing of specific data. What I realized is that although the GoldenGate user is updating the GG_HEARTBEAT_TABLE it is not doing it as the replicat, thus the update will not be tagged.

Therefore the solution to avoid looping and use the Integrated Heartbeatable is to use SETTAG / EXCLUDETAG rather than EXCLUDEUSER.