Data Replication

Setup Notes for Replicating with TmaxSoft Tibero

Version 9.8.2

Syniti Data Replication

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These notes provide essential information for setting up replications using **TmaxSoft Tibero** as:

- A source database for Refresh (snapshot) replications
- A target for Mirroring (change data capture)
- A target for Refresh replications

For complete details on the setup process, check the *User Guide* available from the Management Center **Help** menu.

Connection Type

TmaxSoft Tibero ODBC driver available for download from the TmaxSoft web site.

Add a Source Connection Wizard

For Refresh replications from a Tibero source database, configure a source connection to Tibero in the Management Center using the information below. More information on the steps to configure a connection can be found in the User Guide (available from the Management Center).

Select Provider Screen

Select TmaxSoft Tibero in the **Database** field.
The **Provider** field automatically shows Tibero ODBC Driver.

Set Connection String Screen

Type an ODBC connection string in the field next to **Connection String** using the format in the sample connection strings below.
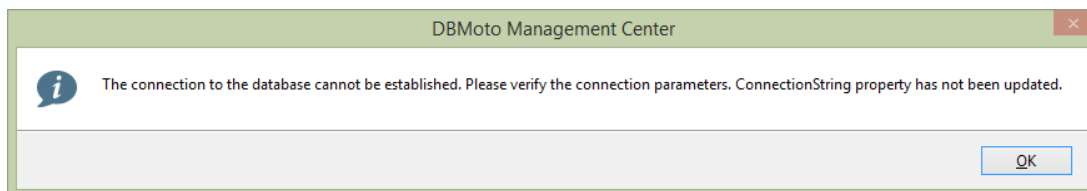
For an existing ODBC DSN:

`DSN=DSN_NAME;TYPE=ODBC;`

For a string with all connection details:
`Driver={Tibero 6 ODBC Driver};SERVER=100.111.1.22;PORT=8629;UID=SYS;PWD=********;DB=tibero;`

Be sure to add "TYPE=ODBC". This prevents certain operations (such as SELECT FROM or CREATE TABLE) from randomly generating the following error: *Arithmetic operation resulted in an overflow.*

NOTE: Clicking ... in the Connection String field generates a known error. The button should open the standard ODBC configuration dialog prompt but this option is not supported with the Tibero driver, therefore the string can only be typed in manually.

DBMoto Management Center

The connection to the database cannot be established. Please verify the connection parameters. ConnectionString property has not been updated.

OK

Add a Target Connection Wizard

For Refresh or Mirroring replications to a Tibero target database, configure a target connection to Tibero in the Management Center using the information below. More information on the steps to configure a connection can be found in the User Guide available from the Management Center.

Select Provider Screen

Select TmaxSoft Tibero in the **Database** field.
The **Provider** field automatically shows Tibero ODBC Driver.

Set Connection String Screen

Type an ODBC connection string in the field next to **Connection String** using the format in the sample connection strings below.

For an existing ODBC DSN:

`DSN=DSN_NAME;TYPE=ODBC;`

For a string with all connection details:
`Driver={Tibero 6 ODBC Driver};SERVER=100.111.1.22;PORT=8629;UID=SYS;PWD=********;DB=tibero;`

Be sure to add "TYPE=ODBC". This prevents certain operations (such as SELECT FROM or CREATE TABLE) from randomly generating the following error: *Arithmetic operation resulted in an overflow.*

NOTE: Clicking ... in the Connection String field generates a known error. The button should open the standard ODBC configuration dialog prompt but this option is not supported with the Tibero driver, therefore the string can only be typed in manually.