DBMaker/DBMaster FAQ Document

Question:

Why lock-timeout happen while querying system tables? (DBMR2870)

Answer:

If you executed SQL statements in some simultaneous connections, for example: delete all records of one table, or drop/create table with "OUTPUT" in DCI, and the SYSTEM X LOCK will be added, and other connections cannot access this table. It's normal behavior.

But, even when you query some system table or check something in JDBA tool, "lock-timeout" also happens, which because system tables don't allow dirty read.

If you want to query system table or check something in JDBA tool when SYSTEM X-LOCK exists, you can use "for browse" option as following:

```
>select * from SYSTABLE for browse;
```

Or set DB_DBIND=1 in dmconfig.ini (needs restarting DB)

```
DB_DBIND=1 //dirty system table binding
```

Or runtime set with

```
>call SETSYSTEMOPTION('DBIND', '1');
```

Version: All

Product: Normal/Bundle

Platform: Windows/Linux

Email: <Support_RD@syscom.com.tw>

URL:/faq/index.php?action=faq&cat=0&id=787&artlang=en