

DBMaker/DBMaster FAQ Document

Question:

Can DBMaker work in following behavior? (DBMR: 1925; version: DBMaker 5.0)

Answer:

□insert□

Tran1	Tran2
=====	
ins c1 =1	
	ins c1=1 (lock)
commit	
	Unique key violation (error)

□update□

Tran1	Tran2
=====	
	select c1, get {1}
upd c1 = 2 where c1 = 1	
	select c1, get {1}
commit	
	select c1, get {2}

□delete□

Tran1	Tran2
=====	
select c1, get {2}	
	delete where c1 = 2

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```
select c1, get {2}  
        commit  
select c1, get { }
```

For <insert>, Transaction 1 insert get X lock in data page structure (OID + data), Transaction 2 insert data also get X lock in different structure of data page (OID + data), in DBMaker the OID is always different, so it is different lock object in DB engine. So it does not return lock time-out.

For <update> and <delete>, DBMaker lock architecture does not support version lock design. It is DB engine kernel architecture, DBMaker does not support now.