

TransactionType option type

Version: Available or changed with runtime version 1.0.

Represents a transaction type.

Members

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Member	Description
UpdateNoLocks	This is an update transaction. Modifications can occur within the transaction. All read operations are performed with READ UNCOMMITTED locking until the table is either modified by a write operation or locked with the LOCKTABLE Method (Record). From this point until the end of the transaction, all read operations are performed with UpdLock locking. This transaction type improves concurrency for all tables that users access within the transaction by delaying locking as much as it can. However, the disadvantage is that you must know when to lock the tables for the required transaction behavior.
Update	This is an update transaction. Modifications can occur within the transaction. All read operations are performed with REPEATABLE READ locking until the table is either modified by any write operation or locked with the LOCKTABLE method. From this point forward, all read operations are performed with UpdLock locking. This transaction type provides full transaction isolation from the start of the transaction, regardless of the lock status of tables that users access within the transaction.
Snapshot	This is a read-only transaction. Modifications cannot occur within the transaction. All read operations are performed with REPEATABLE READ locking. Therefore, shared locks are added on all data and are maintained until the end of the transaction. This prevents other transactions from modifying any rows that have been read by the current transaction.
Browse	This is a read-only transaction. Modifications cannot occur within the transaction. All read operations are performed with READ UNCOMMITTED locking. Therefore, no locks are added and locks that are added by other sessions are not honored. This means that the transaction may read uncommitted data.
Report	Report option maps to one of the basic options. This enables a report to use the most concurrent read-only form of data access for the connected server. When you use Dynamics 365 Business Central database server, it maps to Snapshot and when you use SQL Server, it maps to Browse.

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