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DevForce query requests are atomic. This means that even when a query request resolves into multiple SQL queries, they will all be **performed together within the same transaction**.

Individual query requests resolve into several SQL queries when the query has <u>includes</u> that fetch related objects or when the query involves one or more sub-queries and <u>query inversion</u> is turned on.

When the root query is performed transactionally, both the main select and the selection of related entities occur within transactional boundaries.

Setting the transaction isolation level on individual commands

Developers can set the transaction isolation level for individual queries and saves.

There is a <u>TransactionSettings</u> class and a <u>TransactionSettings</u> property on the <u>QueryStrategy</u> class.

The TransactionSettings class provides the ability to dynamically set:

- The Transaction Isolation level of a Query (or Save)
- The Transaction Timeout to be applied to a Query (or Save)

Note: The **Default Transaction Isolation Level** when you create the *TransactionSettings* object is **ReadCommitted**. This is not always the most performant choice, so be sure to research the isolation level appropriate for your application.