

# Example: database transactions

The example assumes the existence of the objects [SD.DbStruct](#), [Db.Database](#), [TB.DTable](#). Then the particular process DbManager and the correctly configured database with the particular [DSN](#) name via ODBC in the operating system.

```
INT _transHandle ; handle for Connection
INT _handle      ; handle for the access to the database
INT _retCode
RECORD (SD.DbStruct)_dbRow

DB_TRANS_OPEN Db.Database, _transHandle, _retCode
```

```
IF _retCode # _ERR_NO_ERROR THEN ; Connection to the database failed
```

```
END
ENDIF
```

```
; opening the table for modification
DB_CONNECT TB.Table, _DB_MODIFY, _handle, _retCode TRANS _transHandle
IF _retCode # _ERR_NO_ERROR THEN ; connection to the table failed
    END
ENDIF
; deleting according to key item
```

```
_dbRow[1]^Int := 1
DB_READ _handle, _dbRow[1], _retCode
IF _retCode # _ERR_NO_ERROR THEN ; Was the row deleted ?
    END
ENDIF

; close the table
DB_DISCONNECT _handle
```

```
; conform the transaction
```

```
DB_TRANS_COMMIT _transHandle, _retCode
IF _retCode # _ERR_NO_ERROR THEN ; Was the row deleted ?
    END
ENDIF

; close Connection to the database
```

```
DB_TRANS_CLOSE _transHandle
```



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