

SQL Transaction Template

```
BEGIN TRY
    BEGIN TRANSACTION

    -- Do stuff

    COMMIT
END TRY
BEGIN CATCH
    PRINT '[ERROR] ' + ERROR_MESSAGE();
    PRINT '[SEVERITY] ' + CAST(ERROR_SEVERITY() AS VARCHAR);
    PRINT '[STATE] ' + CAST(ERROR_STATE() AS VARCHAR);

    ROLLBACK
END CATCH
```

Safe Way to Test

```
BEGIN TRY
    BEGIN TRANSACTION

    -- 1. SELECT statement to check the "pre" state.

    -- 2. UPDATE to make the change.

    -- 3. SELECT statement to check the "post" state.

    ROLLBACK -- Change back to a COMMIT when you're ready for production.
END TRY
BEGIN CATCH
    PRINT '[ERROR] ' + ERROR_MESSAGE();
    PRINT '[SEVERITY] ' + CAST(ERROR_SEVERITY() AS VARCHAR);
    PRINT '[STATE] ' + CAST(ERROR_STATE() AS VARCHAR);

    ROLLBACK
END CATCH
```

database

From:
<https://kbase.devtoprd.com/> - Knowledge Base

Permanent link:
https://kbase.devtoprd.com/doku.php?id=sql_transaction_template

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