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Subject: Re: ODBC Assertion failed

Posted by [JeyCi](#) on Fri, 18 Dec 2020 05:26:23 GMT

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BTW, I can just suggest to make a couple of experiments:

1) try to log your queries with something like (but about your ms sql server)

```
sqlite3.Open(db)
```

```
#ifdef _DEBUG
```

```
    sqlite3.SetTrace(); //logging queries
```

```
#endif
```

& without Commit & Rollback... AFAIK, such command is being self-rolled back automatically in the case of error or committed automatically if no errors - in ms sql server - but I have no chance to check it in ms sql server

```
// initialize transaction
```

```
BEGIN TRAN;
```

```
// transaction
```

```
INSERT INTO sales
```

```
VALUES ('7896', 'JR3435', 'Oct 28 1997', 25, 'Net 60', 'BU7832');
```

2) I'm not sure, that having duplicated PKs the query starts anyway, therefore I'm not sure that you have the right to do Rollback when this error arrived...

therefore you can try just SQL-statement to .Execute, expressing your sql-command in sql-string, not u++ method Insert... something like this - that is doing rollback ONLY IF @@TRANCOUNT > 0

```
BEGIN TRY
```

```
    BEGIN TRANSACTION
```

```
        exec( @sqlHeader)
```

```
    COMMIT
```

```
END TRY
```

```
BEGIN CATCH
```

```
    IF @@TRANCOUNT > 0
```

```
        ROLLBACK
```

```
END CATCH
```

or check this count in U++ somehow, before rollback - though it seems meaningless in the case of error... If you'd had several queries - you'd had something to rollback if previous queries already done... but in a single Insert failed - nothing to Rollback... imho