

## curious problem in production

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-02/1382.html>

---

**From:** Ollie Riches (*ollie.riches\_at\_phoneanalyzer.net*)

**Date:** 02/21/05

Date: Mon, 21 Feb 2005 17:04:13 -0000

I am having a problem call a sql server stored procedure in a test\production environment. I am getting an exception from sql server being propagated back to the web service. The exception is a violation of primary key constraint. The exception message is:

'Violation of UNIQUE KEY constraint 'cce\_uk1'. Cannot insert duplicate key in object 'candidateComponentEntries'

When I run the same code on the my development machine into the SAME database it works perfectly fine. Yes the two different environments are trying to insert into the same sql server database. It is being via ADO.Net in an asp.net web service.

**Background:**

A BizTalk process is calling a web service to insert\process some data into a sql server database and we have set it up to call my development machine if it fails in calling the production environment. Then we used the sql profiler to check the calls to the database and they produced the following:

Audit Login -- network protocol: TCP/IP

```
set quoted_identifier on
set implicit_transactions off
set cursor_close_on_commit off
set ansi_warnings on
set ansi_padding on
set ansi_nulls on
set concat_null_yields_null on
set language us_english
set dateformat mdy
set datefirst 7
```

.Net SqlClient Data Provider sa 0 53 2005-02-21 16:23:44.863

RPC:Completed exec sp\_reset\_connection .Net SqlClient Data Provider sa 0 0 0 0 53 2005-02-21 16:23:44.873

SQL:BatchCompleted SET TRANSACTION ISOLATION LEVEL READ COMMITTED;BEGIN TRANSACTION .Net SqlClient Data Provider sa 0 0 0 0 53 2005-02-21

16:23:44.873

RPC:Completed declare @P1 bigint

set @P1=858

declare @P2 bigint

set @P2=776

declare @P3 varchar(1)

set @P3='Y'

exec InsertCandidateQpEntry @candidateComponentEntries\_id = @P1 output,  
@candidateQpMarkSets\_id = @P2 output, @MarksAlreadyExists = @P3 output,  
@eps\_session\_sid = 2.085000000000000e+003, @session\_month\_code = N'3',  
@session\_year = 2005, @candidate\_no = 1.250000000000000e+002, @centre\_no =  
N'57133', @business\_stream\_id = N'01', @assessment\_code = N'2332', @assessment  
nt\_ver\_no = 1.000000000000000e+000, @component\_id = N'01', @component\_ver\_no  
= 0.000000000000000e+000, @candidate\_uci = N'571330030125F',  
@candidate\_uci\_type = N'UCI', @candidate\_gender = N'M', @candidate\_dob =  
'May 30 1989 12:00AM', @qp\_id = 1.000000000000000e+000, @production\_datetime  
= 'Feb 21 2005 4:21PM'

select @P1, @P2, @P3 .Net SqlClient Data Provider sa 0 31 0 0 0 53

2005-02-21 16:23:44.883

Audit Login -- network protocol: TCP/IP

set quoted\_identifier on

set implicit\_transactions off

set cursor\_close\_on\_commit off

set ansi\_warnings on

set ansi\_padding on

set ansi\_nulls on

set concat\_null\_yields\_null on

set language us\_english

set dateformat mdy

set datefirst 7

.Net SqlClient Data Provider sa 0 60 2005-02-21 16:23:44.893

SQL:BatchCompleted IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION .Net SqlClient  
Data Provider sa 0 2 0 0 0 53 2005-02-21 16:23:44.893

RPC:Completed exec sp\_reset\_connection .Net SqlClient Data Provider sa 0 0  
0 0 0 59 2005-02-21 16:23:45.657

SQL:BatchCompleted SET TRANSACTION ISOLATION LEVEL READ COMMITTED;BEGIN  
TRANSACTION .Net SqlClient Data Provider sa 0 0 0 0 0 59 2005-02-21

16:23:45.657

RPC:Completed declare @P1 bigint

set @P1=858

declare @P2 bigint

set @P2=776

declare @P3 varchar(1)

set @P3='Y'

exec InsertCandidateQpEntry @candidateComponentEntries\_id = @P1 output,  
@candidateQpMarkSets\_id = @P2 output, @MarksAlreadyExists = @P3 output,  
@eps\_session\_sid = 2.085000000000000e+003, @session\_month\_code = N'3',

microsoft.public.dotnet.framework.adonet: curious problem in production

```
@session_year = 2005, @candidate_no = 1.2500000000000000e+002, @centre_no =  
N'57133', @business_stream_id = N'01', @assessment_code = N'2332',  
@assessment_ver_no = 1.0000000000000000e+000, @component_id = N'01',  
@component_ver_no = 0.0000000000000000e+000, @candidate_uci =  
N'571330030125F', @candidate_uci_type = N'UCI', @candidate_gender = N'M',  
@candidate_dob = 'May 30 1989 12:00AM', @qp_id = 1.0000000000000000e+000,  
@production_datetime = 'Feb 21 2005 4:21PM'  
select @P1, @P2, @P3 .Net SqlClient Data Provider sa 0 30 0 0 0 59  
2005-02-21 16:23:45.657
```

```
SQL:BatchCompleted COMMIT TRANSACTION .Net SqlClient Data Provider sa 0 0 0  
0 0 59 2005-02-21 16:23:45.657
```

The first call to the stored procedure 'InsertCandidateQpEntry' and this made from the production environment and the second call to this stored procedure is made from my development machine and this succeeds. It appears that the problem is not a code (my code) problem but maybe a problem with the framework.

Production environment:  
Windows 2003 Standard Edition  
.Net Framework 1.1

Development environemnt:  
XP Pro (2002) SP 1  
.Net Framework 1.1

I even tried copying the development binaries to the production server and it still fails.....

Any Ideas anyone?

Cheers in advance

Ollie Riches  
<http://www.phoneanalyser.net>

Disclaimer: Opinions expressed in this forum are my own, and not representative of my employer.  
I do not answer questions on behalf of my employer. I'm just a programmer helping programmers.