

Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table

## Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table

---

*Source:* <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.database.ado/2005-06/msg00057.html>

---

- *From:* "Brad Marshall" <[bradley.marshall@xxxxxxxxxxx](mailto:bradley.marshall@xxxxxxxxxxx)>
  - *Date:* Thu, 9 Jun 2005 14:05:40 -0400
- 

Thanks, Bill. I read up on it. Best regards, Brad Marshall

"William (Bill) Vaughn" <[billvaNoSpam@xxxxxxxxxxx](mailto:billvaNoSpam@xxxxxxxxxxx)> wrote in message

[news:e\\$XHcuRbFHA.3400@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:e$XHcuRbFHA.3400@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

> If you're working with TSQL you might consider TRUNCATE table instead.

> There are log file issues that might help performance.

>

> --

>

> \_\_\_\_\_

> William (Bill) Vaughn

> Author, Mentor, Consultant

> Microsoft MVP

> [www.betav.com/blog/billva](http://www.betav.com/blog/billva)

> [www.betav.com](http://www.betav.com)

> [www.sqlreportingservices.net](http://www.sqlreportingservices.net)

> Please reply only to the newsgroup so that others can benefit.

> This posting is provided "AS IS" with no warranties, and confers no

> rights.

>

>

> "Brad Marshall" <[bradley.marshall@xxxxxxxxxxx](mailto:bradley.marshall@xxxxxxxxxxx)> wrote in message

> [news:O4HzepKbFHA.796@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O4HzepKbFHA.796@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>> See, Now, Val – this is just the kind of answer I was hoping for. I know

>> I've learned something valuable when the answer begins with "Why [in the

>> %\$@#] are you doing it that way?" Most seriously, Thanks, and I've just

>> learned something new as I embrace ADO. I can knock off for the night and

>> fix that rum and tonic I've been denying myself until I got past this

>> question.

>>

>> Best regards,

>>

>> Brad Marshall

>>

>> "Val Mazur (MVP)" <[group51a@xxxxxxxxxxx](mailto:group51a@xxxxxxxxxxx)> wrote in message

>> [news:%236\\$VNUKbFHA.2288@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%236$VNUKbFHA.2288@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>>> Brad,

>>>

>>> Why are you trying to delete the row through the DataSet? You do not

Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table

Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table

```
>>> need to load all the data to the client side to delete all the rows.
>>> Just use ExecuteNonQuery method of the SqlCommand to execute DELETE SQL
>>> statements and it will work much faster
>>>
>>> --
>>> Val Mazur
>>> Microsoft MVP
>>>
>>> http://xport.mvps.org
>>>
>>>
>>> "Brad Marshall" <bradley.marshall@xxxxxxxxxxxx> wrote in message
>>> news:uo\$mtHJbFHA.2900@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>>>I want to delete all rows in a SQL Server table at the start of a
>>>>procedure. I have a SqlDataAdapter with a DataSet that has two tables. I
>>>>have the following code to delete all records in both tables. These
>>>>tables are populated from the last execution of the procedure. I fail
>>>>with a concurrency violation on the first delete, but the records are
>>>>deleted from the SQL table! If I execute again after the exception
>>>>terminated the procedure, I succeed on the first Update but fail again
>>>>on the second update. Because I am updating more than one table in the
>>>>dataset I can't use the command builder; rather, I must set a
>>>>DeleteCommand for the adapter. What am I doing wrong?
>>>>
>>>> Dim myConnectionString As String = "Initial Catalog=myDataBase;Data
>>>> Source=localhost;Integrated Security=SSPI;Server=myServer"
>>>> Dim myConnection As New SqlConnection(myConnectionString)
>>>> Dim OmsAdapter As New SqlDataAdapter
>>>> Dim dsMyProject As DataSet
>>>> Dim LogDeleteCommand As New SqlCommand("DELETE TransLog", myConnection)
>>>> Dim ResultDeleteCommand As New SqlCommand("DELETE Result",
>>>> myConnection)
>>>> Dim ResultRow As DataRow
>>>> Dim LogRow As DataRow
>>>> Dim myQuery As String
>>>> Dim myCommand As New SqlCommand()
>>>> dsMyProject = New DataSet("myProject")
>>>>
>>>> ' Clear out the Result table
>>>>
>>>> myQuery = "SELECT * from Result"
>>>> myCommand.CommandText = myQuery
>>>> OmsAdapter.SelectCommand = myCommand
>>>> OmsAdapter.Fill(dsMyProject, "Result")
>>>>
>>>> For Each ResultRow In dsMyProject.Tables("Result").Rows
>>>> ResultRow.Delete()
>>>> Next
>>>>
>>>> OmsAdapter.DeleteCommand = ResultDeleteCommand
```

Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table?

Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table

```
>>>> OmsAdapter.Update(dsMyProject, "Result")
>>>>
>>>> ' Clear out the OMS Results table
>>>>
>>>> myQuery = "SELECT * from TransLog"
>>>> myCommand.CommandText = myQuery
>>>> OmsAdapter.SelectCommand = myCommand
>>>> OmsAdapter.Fill(dsMyProject, "TransLog")
>>>>
>>>> For Each LogRow In dsMyProject.Tables("TransLog").Rows
>>>> LogRow.Delete()
>>>> Next
>>>>
>>>> OmsAdapter.DeleteCommand = LogDeleteCommand
>>>> OmsAdapter.Update(dsMyProject, "TransLog")
>>>>
>>>
>>>
>>
>>
>
>
```

---

• **References:**

- ◆ **[How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table](#)**  
    ◇ From: Brad Marshall
- ◆ **[Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table](#)**  
    ◇ From: Val Mazur \(\MVP\)
- ◆ **[Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table](#)**  
    ◇ From: Brad Marshall
- ◆ **[Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table](#)**  
    ◇ From: William \(\Bill\) Vaughn
  
- Prev by Date: **[Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table](#)**
- Next by Date: **[Parameter count error with INSERT ... SELECT and ADODB 2.7](#)**
- Previous by thread: **[Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table](#)**
- Next by thread: **[ADODB is unable to copy more than 255 chars in excel cell](#)**
- Index(es):
  - ◆ **[Date](#)**
  - ◆ **[Thread](#)**

Re: How do I delete all rows in a SQL Server table when my ADO DataSet has more than one table