

Re: Why is this Not Updatable?

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.queries/2005-12/msg01858.html>

- *From:* "Chris2" <rainofsteel.NOTVALID@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 24 Dec 2005 11:38:01 -0800
-

"cvegas" <cvegas@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:0EDBF3AF-62F7-48DC-B4A8-22A97EBB85D2@xxxxxxxxxxxxxxxxxxxx

> I'm not quite sure what you are trying to tell me as I am pretty new at this
> but I can tell you that the BillToId in the tblCustomer is not the primary
> key. We have many customers that could be billed to the billing address that
> is stored in the BillTo table where the BillToID is the primary key.

cvegas,

Thanks for the update, I understand somewhat better now.

>
> This form is set up to display the Customers actual loacation, city state,
> etc, etc and the Bill To Information such as where we send the invoices,
> which might be a different location.

>From what I understand ("We have many customers that could be billed to the billing address that is stored in the BillTo"), different customers may have the same "Bill To Infomration".

Or:

tblCustomers
CusNum, BillToID
1, 1
2, 1
3, 1
4, 2
5, 2
6, 2

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Example (SQL Server script):

-- Tables:

-- Please forgive the dates appended to the table names.

-- I am establishing the tables in SQL Server.

-- Note: I have added a foreign key constraint between the BillToID columns.

```
CREATE TABLE tblBillToInfo_20051224_1
(BillToID INTEGER
,CONSTRAINT pk_tblBillToInfo_20051224_1
PRIMARY KEY (BillToID)
)
go
```

```
CREATE TABLE tblCustomers_20051224_1
(CusNum INTEGER
,BillToID INTEGER
,CONSTRAINT pk_tblCustomers_20051224_1
PRIMARY KEY (CusNum)
,CONSTRAINT
fk_tblCustomers_20051224_1_tblBillToInfo_20051224_1_BillToID
FOREIGN KEY (BillToID)
REFERENCES tblBillToInfo_20051224_1 (BillToID)
)
go
```

-- Sample Data:

```
INSERT INTO tblBillToInfo_20051224_1
(BillToID)
SELECT 1 UNION ALL
SELECT 2
go
```

```
INSERT INTO tblCustomers_20051224_1
(CusNum, BillToID)
SELECT 1, 1 UNION ALL
SELECT 2, 1 UNION ALL
SELECT 3, 1 UNION ALL
SELECT 4, 2 UNION ALL
SELECT 5, 2 UNION ALL
SELECT 6, 2
go
```

-- End SQL Server script.

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MS Access Linked Tables:

I linked the new SQL Server tables (menus, File > Get External Data > Linked Tables > etc.).

When I selected both tables, MS Access 2000 successfully detected the primary keys on the SQL Server tables.

When I added both tables to the relationship window, it did not display the SQL Server foreign key constraint as an MS Access relationship. I thought this might be a problem, however it turned out differently (see below).

Query:

An abbreviated version of the originally posted query:

```
SELECT C1.CusNum
,C1.BillToID
,B1.BillToID
FROM dbo_tblCustomers_20051224_1 AS C1
INNER JOIN
dbo_tblBillToInfo_20051224_1 AS B1
ON C1.BillToId = B1.BillToID
ORDER BY C1.CusNum;
```

When I open this query in Datasheet View, I can update CusNum and C1.BillToID manually.

When I skip back to SQL Server, and run "SELECT * FROM tblCustomers_20051224_1", it shows the changes to either column.

I apologize, but when I try to replicate your situation, I find that I the query is updateable (I cannot update B1.BillToID, of course, but that is another story).

You said, originally, that the query you posted was not updateable, and I suspect that I am not doing exactly what you were doing.

What **exactly** was going on when this error happened and what **exactly** was the entire text of the error message in question?

(Note: Remember that in my examples I am making assumptions about the nature of your primary and foreign key constraints, and this also may be causing what I am achieving to be different from what

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you are achieving.)

Sincerely,

Chris O.

• ***Follow-Ups:***

- ◆ ***Re: Why is this Not Updatable?***
◇ *From: cvegas*

• ***References:***

- ◆ ***Re: Why is this Not Updatable?***
◇ *From: Chris2*
- ◆ ***Re: Why is this Not Updatable?***
◇ *From: cvegas*

- Prev by Date: ***Re: Add sequential number to a query***
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