

## Re: Trigger to timestamp all Updates, tables with Multiple field Primary Key

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2004-12/0317.html>

---

**From:** Kalen Delaney (*replies\_at\_public\_newsgroups.com*)

**Date:** 12/02/04

Date: Wed, 1 Dec 2004 19:38:13 -0800

Anthony

Hugo was talking about the syntax of the UPDATE involving a join, not the JOIN per se. Using a JOIN in an update is not ANSI standard; ANSI requires subqueries to get the same result. Whether you express your join condition in a JOIN.. ON clause or a WHERE clause is not the issue here.

--

HTH

-----

Kalen Delaney  
SQL Server MVP  
[www.SolidQualityLearning.com](http://www.SolidQualityLearning.com)

"AnthonyThomas" <Anthony.Thomas@CommerceBank.com> wrote in message news:eh9SuBB2EHA.3392@TK2MSF...  
Um, I beg to differ. The JOIN syntax is the non-proprietary, ANSI SQL92 standard! Prior to the JOIN syntax, there was no ANSI standard and vendors made up their own. Microsoft Not only will the JOIN syntax perform better, but it will support non-equal joins--a feat the WHERE clause cannot. Sincerely,  
Anthony Thomas

--

"Hugo Kornelis" <hugo@pe\_NO\_rFact.in\_SPAM\_fo> wrote in message news:v1c2p0plut104ksc2ueqjnqe7...  
On Tue, 09 Nov 2004 16:10:23 GMT, Keith Bromley via SQLMonster.com wrote:

>I would appreciate the benefit of your expertise in constructing an appropriate 'WHERE' clause.  
Hi Keith,

Mike has already posted an answer using the Transact SQL proprietary UPDATE ... FROM syntax. If you prefer to use the ANSI-standard UPDATE syntax, try this instead:

```
UPDATE dbo.Instances
SET LastUpdate = CURRENT_TIMESTAMP
WHERE EXISTS (SELECT *
              FROM   inserted
              WHERE  Instances.FtNum = inserted.FtNum
              AND    Instances.ItemNo = inserted.ItemNo
              AND    Instances.Instance = inserted.Instance)
```

(Note - the proprietary UPDATE ... FROM usually performs faster than this ANSI compliant version - but of course, the ANSI version is easier to port).

Best, Hugo

--

(Remove \_NO\_ and \_SPAM\_ to get my e-mail address)