

## Re: Create a Trigger for an existing View

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- *From:* "Dean Tomasevic" <[dean.tomasevic@xxxxxxxxxxxxxxxx](mailto:dean.tomasevic@xxxxxxxxxxxxxxxx)>
  - *Date:* 10 Apr 2007 14:47:13 -0700
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On 10 Apr., 17:56, "EdStevens" <[quetico\\_...@xxxxxxxx](mailto:quetico_...@xxxxxxxx)> wrote:

On Apr 10, 8:54 am, "Dean Tomasevic" <[dean.tomase...@xxxxxxxxxxxxxxxx](mailto:dean.tomase...@xxxxxxxxxxxxxxxx)> wrote:

On 10 Apr., 15:26, "EdStevens" <[quetico\\_...@xxxxxxxx](mailto:quetico_...@xxxxxxxx)> wrote:

On Apr 10, 7:25 am, "Dean Tomasevic" <[dean.tomase...@xxxxxxxxxxxxxxxx](mailto:dean.tomase...@xxxxxxxxxxxxxxxx)> wrote:

On 10 Apr., 06:45, "Vladimir M. Zakharychev"

<[vladimir.zakharyc...@xxxxxxxx](mailto:vladimir.zakharyc...@xxxxxxxx)> wrote:

On Apr 10, 2:43 am, "Dean Tomasevic" <[dean.tomase...@xxxxxxxxxxxxxxxx](mailto:dean.tomase...@xxxxxxxxxxxxxxxx)> wrote:

Hi!

I created a view from

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the two  
existing  
tables  
(DEMO\_USERS  
and  
DEMO\_ORDERS).

```
Code:
CREATE
VIEW
DEMO_MY_TEST
AS
SELECT
DEMO_USERS.USER_ID,
DEMO_ORDERS.ORDER_ID
FROM
DEMO_USERS
INNER
JOIN
DEMO_ORDERS
ON
DEMO_ORDERS.USER_ID
=
DEMO_USERS.USER_ID
```

So now my  
job is to  
update my  
view if  
anybody  
will take an  
new order.  
As  
example:  
If user X  
with the  
USER\_ID 2  
will  
complete a  
new order  
my trigger  
must  
updating the  
view.

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But i have problems with the trigger, i know that i must write an updating trigger, but the actuator for the trigger is an "insert into" into the DEMO\_ORDERS table, because only if a new order will insert into the DEMO\_ORDERS table, then the trigger must be activated and updating the view.

Thanks a lot.

Dean Tomasevic

I may be reading it wrong, but there's no need to update the view – it will pick up changes from the underlying tables automatically. A view is just a stored query, it doesn't immediately materialize and store

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the result set until  
"updated"; every time you  
query the view, the  
view statement will be  
re-executed against current  
data. So when  
someone adds an order, its  
ORDER\_ID will be returned  
when you SELECT \*  
FROM DEMO\_MY\_TEST  
without any extra coding  
effort.

Hth,  
Vladimir M. Zakharychev  
N-Networks, makers of  
Dynamic PSP(tm)  
<http://www.dynamicpsp.com>

hi.

You're right, the view will auto updating if i  
click on the view.  
but what is if i create a new table,

Why are you creating a new table?

and insert the result of  
"CREATE VIEW DEMO\_MY\_TEST AS

<snip>

into my new table.

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The result of CREATE VIEW is that you get a view – a predefined query – created. Nothing more. Has nothing to do with the absence or existence of any rows on any table. CREATE VIEW does not produce any result to insert into a table

Then i need a trigger which auto startts if the DEMO\_ORDERS table has a new entry, because then I must insert the new entry of DEMO\_ORDERS over a trigger into my new table.

Sounds like you are createing a whole new table every time a row is insterted into DEMO\_ORDERS?

i hope you understand what i mean ;)

No, we don't. Perhaps if you explained the business problem you are trying to solve instead of the technique you think you need to use to solve it. Right now your design direction sounds like one big FUBAR.

Well i even read my task

Always a good place to start ....

and my job is to insert the result of my inner join into a new table and updating the new table every time if a new entry will make in the DEMO\_ORDERS table (thats a test which i must make for the school..), and this i must realise with a trigger, i think.

Because if a new entry will make in the DEMO\_ORDERS table the trigger

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must be activated and insert the new ORDER entry into my own created table.

Dean– Hide quoted text –

– Show quoted text –

Still sounds like a FUBAR design. Perhaps you are mis–understanding the nature of this homework assignment. Can you post the task that you 'even read'? Not your interpretation. The text as it was presented to you.

BTW, we won't do your homework for you, but we will try to get you back on track.

The Task:

"Please write a inner join for the tables DEMO\_USERS and DEMO\_ORDERS.

The required information are the USER\_ID and ORDER\_ID.

If anybody take a new order you must be able to see it in your result,

but

don't use a view!

Try it with a inner join and a trigger."

Thats the task, and i think one result can be that i create a new table,

write a inner join (look at my first post) and put the result into my table.

And if anybody take a new order my trigger will put the new order into my new table.

Did i understand it correctly?

Thanks.

Dean T.

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