

triggerAssignment (1).sql - not connected - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

Object Explorer

triggerAssignment...sql - not connected

```
use SecurePetstore
go
CREATE TRIGGER trg_AIUDCustomer
ON Customer2
AFTER INSERT, DELETE, UPDATE
AS
BEGIN
    SET NOCOUNT ON;
    DECLARE @CustomerID int,
            @Phone nvarchar(50),
            @FirstName nvarchar(50),
            @LastName nvarchar(50),
            @Address nvarchar(50),
            @ZIPCode nvarchar(50),
            @CityCode int,
            @action nvarchar(50),
            @action1 nvarchar(50),
            @User nvarchar(128),
            @DateTime datetime2,
            @str nvarchar(50)
    SELECT @User = SYSTEM_USER, @DateTime = GETDATE();

    IF NOT EXISTS(Select * FROM inserted)
    BEGIN
        DECLARE [custCursor] Cursor for
            SELECT * FROM inserted
        SET @action = 'DELETE'
        ----if nothing is in the inserted table, show a message
        --RAISERROR ('No inserts were done',1,1);
    END
    ELSE If NOT EXISTS(Select *FROM deleted)
    BEGIN
        DECLARE [custCursor] Cursor for
            SELECT * FROM inserted
        SET @action = 'INSERT'
    END
    ELSE -- if it is deleted and inserted
    BEGIN
        DECLARE [custCursor] CURSOR FOR
```

100 %

Disconnected.

Properties

Current query window options

Current connection parameters

Status Disconnected.

Status Status

Ready Ln 10 Col 33 Ch 24 INS

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Object Explorer

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IF NOT EXISTS(Select * FROM inserted)
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        SELECT * FROM inserted
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    ----if nothing is in the inserted table, show a message
    --RAISERROR ('No inserts were done',1,1);
END
ELSE If NOT EXISTS(Select *FROM deleted)
BEGIN
    DECLARE [custCursor] Cursor for
        SELECT * FROM inserted
    SET @action = 'INSERT'
END
ELSE -- if it is deleted and inserted
BEGIN
    DECLARE [custCursor] CURSOR FOR
        SELECT * FROM deleted
    SET @action = 'BEFORECHANGE'
    DECLARE [custCursorUpdate] Cursor for
        SELECT * FROM inserted
    SET @action1 = 'UPDATE'

    OPEN[custCursorUpdate]
    SET @str = 'There are ' + CAST(@@CURSOR_ROWS AS NVARCHAR(20)) + 'records in the cursor'
    RAISERROR ('%s',1,1,@str)
    FETCH NEXT FROM [custCursorUpdate] INTO @CustomerID, @Phone, @FirstName, @LastName,
        @Address, @ZIPCode, @CityCode
    WHILE @@FETCH_STATUS = 0
    BEGIN
        Insert into auditCustomer VALUES (@CustomerID, @Phone, @FirstName, @LastName,
            @Address, @ZIPCode, @CityCode, @action1, @DateTime, @User)
        FETCH NEXT FROM [custCursorUpdate] INTO @CustomerID, @Phone, @FirstName, @LastName,
            @Address, @ZIPCode, @CityCode
    END
    CLOSE [custCursorUpdate]
    DEALLOCATE [custCursorUpdate]
```

100 %

Disconnected.

Properties

Current query window options

Current connection parameters

Status Disconnected.

Status Status

Ready Ln 39 Col 40 Ch 34 INS

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Execute Debug

Object Explorer

Connect

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```
RAISERROR ('%s',1,1,@str)
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    FETCH NEXT FROM [custCursorUpdate] INTO @CustomerID, @Phone, @FirstName, @LastName,
@Address, @ZIPcode, @CityCode
END
CLOSE [custCursorUpdate]
DEALLOCATE [custCursorUpdate]
END

OPEN [custCursor]
SET @str = 'There are ' + CAST(@@CURSOR_ROWS AS NVARCHAR(20)) + 'records in the cursor'
RAISERROR ('%s',1,1,@str)
FETCH NEXT FROM [custCursor] INTO @CustomerID, @Phone, @FirstName, @LastName,
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@Address, @ZIPcode, @CityCode, @action, @DateTime, @User)
    FETCH NEXT FROM [custCursor] INTO @CustomerID, @Phone, @FirstName, @LastName,
@Address, @ZIPcode, @CityCode
END
CLOSE [custCursor]
DEALLOCATE [custCursor]
END
```

Properties

Current query window options

Current connection parameters

Status Disconnected.

Status

Status

100 %

Disconnected.

Ready Ln 77 Col 4 Ch 4 INS