
Question

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Embedded SQL bug?

Hi

Is this a bug? We came across it on an older version of Cache but I've also just tried it in version "Cache for Windows (x86-64) 2017.2.2 (Build 865U)" and got the same result.

Create a Class like so:

```
Class My.Email Extends %Persistent
{
    Property AddSeq As %Integer(MAXVAL = 32767, MINVAL = -32768) [ Required ];
    Property EffBegDat As User.SQLdatetime;
    Property EffEndDat As User.SQLdatetime;
    Property EntSys As %Integer(MAXVAL = 2147483647, MINVAL = -2147483648) [ Required ];
    Property Lbl As %String(MAXLEN = 20, TRUNCATE = 1);
    Property Email As %String(MAXLEN = 60, TRUNCATE = 1);
    Index EntSysLbl On (EntSys, Lbl);
    Index LblKey On (EntSys, Lbl, EffEndDat);
}
```

Create an entry:

```
SET ;
s email=##class(My.Email).%New()
s email.EntSys=2726
s email.AddSeq=0
s email.EffBegDat="2018-09-14 00:00:00"
s email.EffEndDat=""
s email.Lbl="HOME"
S email.Email="test1@sky.com"
s sc=email.%Save()
q
```

Run a bit of embedded SQL:

```
GETEMAILDETS
S SN=2726
K (SN)
S (PrevEntEmailCID,PREVEMAIL,vPrevEmailSt,vPrevEmailEnd)=""
&sql(SELECT %ID,Email,EffBegDat,EffEndDat INTO :PrevEntEmailCID,:PREVEMAIL,
:vPrevEmailSt,:vPrevEmailEnd FROM My.Email WHERE EntSys = :SN AND Lbl = 'HOME' AND AddSeq=0
```

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```
AND EffBegDat IS NOT NULL AND EffEndDat IS NOT NULL ORDER BY EffBegDat Desc)
W !,"vPrevEmailSt=",vPrevEmailSt
Q
```

and vPrevEmailSt contains a value even though there are no rows that match all the conditions.

[#Caché](#) [#SQL](#)

Source URL: <https://community.intersystems.com/post/embedded-sql-bug>