

Re: Generating SQL

Source: <http://coding.derkeiler.com/Archive/General/comp.object/2004-11/0749.html>

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Date: 11/18/04

Date: 18 Nov 2004 13:53:31 -0800

"Otavio C. Decio" <REMOVEodecio@earthlink.REMOVE.net> wrote in message news:<R_Kdndy4suEVEAHcRVn-jw@giganews.com>...

> *Suppose you add a new column to a table. If you have concatenated*
> *SQL, you might have to account for the new column on every statement that*
> *talks to that table. This includes insert, delete, select and update –*
> *probably many of them. In my model, you add a new column to the database,*
> *add a new property in the value object class and you're done.*

```
create table emp (  
    empno integer,  
    ename string  
)
```

```
insert into emp (empno, ename)  
values (500, 'Jon Doe');
```

```
select ename from emp  
where empno = 500
```

```
alter table emp  
add sal integer
```

Now the query and insert statement still work. The suggestion that application developers have to rewrite any sql statements whenever db designer adds a column is ridiculous.