
Question

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DDL COMPUTEONCHANGE works with CREATE TABLE but not with ALTER TABLE ADD COLUMN

I try to create a column with computeonchange.

Its works with CREATE TABLE sql command, but if i use ALTER TABLE ADD COLUMN sql command this computeonchange doesn't works.

any reason why?

example:

```
CREATE TABLE MyStudents ( Name VARCHAR(16) NOT NULL, surname VARCHAR(16))
```

```
alter table MyStudents add column fullname Varchar(50) COMPUTECODE { SET {fullname}={Name}_"?"  
{surname}} COMPUTEONCHANGE (Name,surname)
```

```
insert into SQLUser.MyStudents (Name, surname) values ('name1',null)
```

```
update MyStudents set name = 'name' where name = 'name1'
```

this not updates fullname column value....

but it's works with a create table command.

```
CREATE TABLE MyStudents ( Name VARCHAR(16) NOT NULL, surname VARCHAR(16), fullname Varchar(50)  
COMPUTECODE { SET {fullname}={Name}_"?" {surname}} COMPUTEONCHANGE (Name,surname) )
```

[#SQL](#) [#Caché](#)

Source

URL:<https://community.intersystems.com/post/ddl-computeonchange-works-create-table-not-alter-table-add-column>