

Auto Multiple Choice - Bug # 700: Changed students codes are not updated

Status:	Closed	Priority:	Normal
Author:	Florent Bouchez Tichadou	Category:	
Created:	01/27/2020	Assignee:	
Updated:	12/21/2020	Due date:	
Description:	Students often make a mistake when encoding their (anonymous) number for the exam. When I try to manually correct the codes, AMC still "remembers" the old version and just concatenates (and mixes) numbers. For instance a wrong number was : 11246049 which I corrected into : 19001801 However, AMC now thinks the number is : 119080112460649 (I even tried modifying it in the scoring_code database but with no luck :-).		

History

01/27/2020 02:30 pm - Florent Bouchez Tichadou

Found the problem : the sql statement checks for manual OR filled box, so does not check if box has been un-checked.

Here is a patch:

```
--- capture.pm.orig 2020-01-27 14:18:43.788834212 +0100
+++ capture.pm.fix 2020-01-27 14:28:08.780817693 +0100
@@ -587,7 +587,8 @@
@@ ." ORDER BY id_b"),
    'tickedChars'=>{sql=>"SELECT char FROM (SELECT id_b FROM $t_zone"
        ." WHERE student=? AND copy=? AND id_a=? AND type=?"
-        ." AND (manual=1 OR (black >= ? * total AND black <= ? * total))"
+        ." AND (manual = 1"
+        ." OR manual < 0 AND (black >= ? * total AND black <= ? * total))"
        ."),( SELECT answer,char FROM ".$self->table("box","layout")
        ." WHERE student=? AND question=? AND role=?)"
        ." ON id_b=answer ORDER BY id_b"
```

01/27/2020 02:31 pm - Florent Bouchez Tichadou

(Update with "pre" format)

```
<pre>
--- capture.pm.orig 2020-01-27 14:18:43.788834212 +0100
+++ capture.pm.fix 2020-01-27 14:28:08.780817693 +0100
@@ -587,7 +587,8 @@
@@ ." ORDER BY id_b"),
    'tickedChars'=>{sql=>"SELECT char FROM (SELECT id_b FROM $t_zone"
        ." WHERE student=? AND copy=? AND id_a=? AND type=?"
-        ." AND (manual=1 OR (black >= ? * total AND black <= ? * total))"
+        ." AND (manual = 1"
+        ." OR manual < 0 AND (black >= ? * total AND black <= ? * total))"
        ."),( SELECT answer,char FROM ".$self->table("box","layout")
        ." WHERE student=? AND question=? AND role=?)"
        ." ON id_b=answer ORDER BY id_b"
```

```
." ON id_b=answer ORDER BY id_b"
```

```
</pre>
```

12/21/2020 12:35 pm - Alexis Bienvenüe

- *Status changed from New to Closed*

- *Target version set to 1.5.0*

- *% Done changed from 0 to 100*

Thanks very much for this bug report and investigation, and sorry for being so late. [git:f871f1a6ccc70](https://github.com/f871f1a6ccc70)