QGIS Application - Bug report #6902
"Merge selected features" leads to data loss and crash (in master)

2012-12-20 04:24 AM - Giovanni Manghi

Status:	Closed			
Priority:	Severe/Regression			
Assignee:				
Category:	Vectors			
Affected QGIS version:	master	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**		
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	16027	

Description

Pick a vector layer,

select two features and try the "merge selected features" tool.

QGIS will ask you column by column if you want to keep the attribute of the first feature or if the one of the second feature.

If the column is of a numeric type, then a few more options are available, as sum, min, max, etc.

It seems anyway that this functions to always return a decimal number, and if the column is of type integer then the computed values is LOST (it becomes 0) when the edits are saved. This happens in QGIS 1.8.

In master is the same, but actually after merging the feature if the user try open the table of attributes QGIS will crash.

tested on Windows for now, will do also on linux.

Related issues:

Related to QGIS Application - Bug report # 7668: Merge feature tools causes Q...	**Closed**	**2013-04-22**

Associated revisions

Revision 7d38eac0 - 2013-06-19 03:11 PM - Matthias Kuhn

"Merge selected features" leads to data loss (Fix #6902)

History

#1 - 2012-12-20 04:31 AM - Giovanni Manghi

Oh boy... today it doesn't seems I'm able to replicate the crash, but the only the data loss. I will try to recover the original layer used in the first test.

#2 - 2013-03-09 11:17 AM - Giovanni Manghi

see also #7009

#3 - 2013-05-09 08:27 AM - Marco Francesco De Paolini

- File Screen_Shot_2013-05-09_at_10.25.22.png added

May be related: sometimes when selecting two features with identical fields values and try the "merge selected features", it appears to select different random features in the Merge feature attributes window. Not sure how to replicate this issue.

#4 - 2013-06-02 01:39 AM - Giovanni Manghi

The result (after saving edits) is always wrong in an integer column (it becomes 0) when using any function (median, sum, min, max). In a decimal column the decimal part is removed is using "median".

Anyway it causes data corruption.

#5 - 2013-06-19 06:13 AM - Matthias Kuhn

- Status changed from Open to Closed

Fixed in changeset commit:"7d38eac04352bbfe7800782e462380f9525fe6cb".

Files

Screen_Shot_2013-05-09_at_10.25.22.png	242 KB	2013-05-09	Marco Francesco De Paolini