

## QGIS Application - Bug report #5758

### Primary key issue when using merge attributes of selected features tool

2012-06-07 07:25 AM - Andreas Neumann

<b>Status:</b> Closed	
<b>Priority:</b> Severe/Regression	
<b>Assignee:</b> Jürgen Fischer	
<b>Category:</b> Digitising	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 15262
<b>Description</b>	
<p>It seems if one uses the merge attributes of selected features tool there is no way to exclude certain columns, specifically the primary key columns. The result is that all selected features get the same primary key values, which results in a duplicate primary key issue.</p> <p>It is proposed to add an additional merge way that tells QGIS to ignore this particular column and keep the original primary keys of the individual original features.</p> <p>Other proposals are also welcome.</p>	
<b>Related issues:</b>	
Related to QGIS Application - Bug report # 5475: Problem to insert splitted g...	<b>Closed</b> <b>2012-04-23</b>
Related to QGIS Application - Bug report # 6060: QGIS 1.8 Split Features does...	<b>Closed</b> <b>2012-07-18</b>
Related to QGIS Application - Bug report # 9489: Copy/Paste issue with explic...	<b>Closed</b> <b>2014-02-04</b>
Duplicated by QGIS Application - Bug report # 6045: postgis: duplicate key wh...	<b>Closed</b> <b>2012-07-15</b>
Duplicated by QGIS Application - Bug report # 6422: QGIS delete Postgis featu...	<b>Closed</b> <b>2012-09-27</b>

#### Associated revisions

##### Revision 2d722b1a - 2012-06-08 12:51 AM - Jürgen Fischer

fix #5758

##### Revision 28fb6348 - 2014-02-13 05:45 PM - Jürgen Fischer

merge attributes: new vector api can skip attributes - use default value for skipped field (fixes #5758)

#### History

##### #1 - 2012-06-07 07:25 AM - Andreas Neumann

#5475 is a similar open bug with splitting features. Related to the primary key problem.

##### #2 - 2012-06-07 07:39 AM - Andreas Neumann

actually this other but is not open any more. It was decided to use the default values.

##### #3 - 2012-06-07 03:53 PM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"2d722b1a56c45b6a34269aceffc4912f92ab9a72".

**#4 - 2014-01-27 03:02 AM - Alexandre Neto**

- Target version changed from Version 1.8.0 to Future Release - High Priority

- Status changed from Closed to Reopened

I still have this problem with "merge attributes of selected features".

I'm trying to make it work in a Postgis table, with the primary key defined like this:

```
gid integer NOT NULL DEFAULT nextval('epvu.sgev_temp_gid_seq'::regclass)
```

When I use "merge attributes of selected features" with any two features, even with "skip attribute" option on gid, the value is set to NULL. I would expect it to set the default value "nextval('epvu.sgev\_temp\_gid\_seq'::regclass)" or keep the original gid values in each selected feature.

**#5 - 2014-01-27 03:05 AM - Alexandre Neto**

This is the error I get when trying to save my changes:

Could not commit changes to layer sgev

Errors: ERROR: 2 attribute value change(s) not applied.

Provider errors:

PostGIS error while changing attributes: ERROR: null value in column "gid" violates not-null constraint

DETAIL: Failing row contains (null, 0106000020656B000001000000010300000002000000A9000000292FEDF01E6C..., SDR014, null, S. Domingos de Rana, Abóboda, Praça David Mourão Ferreira/ R. Antonio Machado, Urbanização da Abóboda, Nuno Louro, EMAC, 82,84, Sem rega, null, null, Manter, null, SOGRAMA\_PeC, 12/1/2008, null, -9:19:45.757, 38:43:36.654, 444.210813630014, 789967, null, null, null, null, null, null, null, Passeio\_caminho, SOGRAMA, S31, 2163, 0, 0, null, yes, 2013-11-21 10:00:25.12, null).

**#6 - 2014-02-08 03:34 AM - Giovanni Manghi**

- Operating System deleted (all)

- Target version changed from Future Release - High Priority to Version 2.2

I can confirm that this was working as expected in QGIS 1.8 and does not on master.

**#7 - 2014-02-13 08:47 AM - Jürgen Fischer**

- Status changed from Reopened to Closed

Fixed in changeset commit:"28fb634876ac411a2d3c27ae1fa259b77043596b".