**QGIS Application - Bug report #14235**  
**Merge selected features tool corrupts data when columns are defined as "hidden"**  
2016-02-05 02:42 AM - David Beni - arx iT

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
<th>Priority</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignee</td>
<td>Nyall Dawson</td>
<td>Category</td>
<td>Digitising</td>
</tr>
<tr>
<td>Affected QGIS version</td>
<td>master</td>
<td>Regression?</td>
<td>No</td>
</tr>
<tr>
<td>Operating System</td>
<td></td>
<td>Easy fix?</td>
<td>No</td>
</tr>
<tr>
<td>Pull Request or Patch supplied</td>
<td></td>
<td>Resolution</td>
<td></td>
</tr>
<tr>
<td>Crashes QGIS or corrupts data</td>
<td></td>
<td>Copied to github as #</td>
<td>22232</td>
</tr>
</tbody>
</table>

**Description**

This bug concerns the "Merge selected features" tool from the "Advanced Digitizing Toolbar". A sample project is enclosed with the report to reproduce.

**Steps :**

1. Open the enclosed project
2. Zoom to the "BATIMENT" layer, there are 2 features overlapping
3. Turn on editing on this layer
4. Select the two features
5. Select the "Merge selected features" tool from the "Advanced Digitizing Toolbar"
6. Keep the default settings in the merge dialog
7. Validate to launch the merge

   **The features are deleted, no new features created**

8. Open the "BATIMENTS" layer properties, go to the "Fields" section
9. For the "ImportId" field, set the editor widget to "Text editor", instead of "Hidden"
10. Validate and close the properties
11. Merge again the 2 features with the defaults settings

   **The merge is now working**

The problem seems to come from this hidden "ImportId" field, because if you make the test with the "OGC_FID" field, the merge works in all cases.

**Associated revisions**

**Revision 1566e37a - 2016-02-07 10:58 AM - Nyall Dawson**

Fix merge attribute dialog mangles field values when layer has hidden fields (fix #14235)

**History**

#1 - 2016-02-05 04:02 AM - Giovanni Manghi

- Subject changed from Merge selected features tool deletes features in certain case to Merge selected features tool corrupts data when columns are defined as "hidden"
- OS version deleted (8.1)
- Operating System deleted (Windows)
- Priority changed from Normal to High
- Crashes QGIS or corrupts data changed from No to Yes

Does not seems to happen just in special cases... any time you have an hidden column that is not the PK this operation will lead to this data corruption...
#2 - 2016-02-05 12:01 PM - Nyall Dawson
- Assignee set to Nyall Dawson

#3 - 2016-02-05 12:01 PM - Nyall Dawson
- Status changed from Open to In Progress

#4 - 2016-02-07 02:01 AM - Nyall Dawson
- Status changed from In Progress to Closed

Fixed in changeset commit:"1566e37a47e5ea7c87abb692549ecb7a661aa147".

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>MergeBug.zip</td>
<td>330 KB</td>
<td>2016-02-05</td>
<td>David Beni - arx iT</td>
</tr>
</tbody>
</table>