

QGIS Application - Bug report #19050

QGIS saves integer field when I create a new real field through field calculator (Update field works as intended)

2018-05-28 10:46 PM - Stefan Newluck

Status:	Closed	
Priority:	Normal	
Assignee:	Alessandro Pasotti	
Category:	Attribute table	
Affected QGIS version:	2.18.2	Regression?: Yes
Operating System:	Windows 10	Easy fix?: No
Pull Request or Patch Supplied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 26880
Description		
Problem:		
<p>When I create a new real field from <i>within</i> field calculator and calculate a decimal value, it is displayed correctly until I hit save. After save the field is saved as integer.</p> <p>Please see the attached screenshot for an illustration.</p>		
What should happen:		
<p>The field should of course stay real.</p>		
Workaround:		
<p>Hit "Create field" and create a real field there. Then open field calculator and calculate decimal values into that field by updating it. Hit save and the field stays real.</p>		
Steps to reproduce:		
<p>0. Download this open data shapefile that I just use to confirm this bug: http://data.statistik.gv.at/data/OGDEXT_POLBEZ_1_STATISTIK_AUSTRIA_20180101.zip</p> <ol style="list-style-type: none">1. Open the shapefile's attribute table and start editing2. Create a dummy integer field3. Open field calculator and calculate a new field with the ratio of the two integer fields4. Save the table5. The real field turns into integer.		

Associated revisions

Revision 033071ae - 2018-06-01 06:07 PM - Alessandro Pasotti

Do not set min/max precision for int fields

Fixes #19050

QGIS saves integer field when I create a new real field through field calculator (Update field works as intended)

backport required

Revision a7bc5365 - 2018-06-04 08:43 AM - Alessandro Pasotti

Do not set min/max precision for int fields

Fixes #19050

QGIS saves integer field when I create a new real field through field calculator (Update field works as intended)

cherry-picked from master commit 033071a

History

#1 - 2018-06-01 05:20 PM - Alessandro Pasotti

- Assignee set to Alessandro Pasotti

I reproduced the issue, it looks like this is due to the "Output field length" value which is set to 0 by default when adding the field from "Create field" while the default is 10 when created from the calculator.

Can you please confirm my findings?

#2 - 2018-06-01 06:13 PM - Alessandro Pasotti

- Regression? changed from No to Yes
- Resolution set to fixed/implemented
- Pull Request or Patch supplied changed from No to Yes
- Status changed from Open to In Progress

Requires backport

<https://github.com/qgis/QGIS/pull/7143>

#3 - 2018-06-02 11:40 AM - Stefan Newluck

Alessandro Pasotti wrote:

I reproduced the issue, it looks like this is due to the "Output field length" value which is set to 0 by default when adding the field from "Create field" while the default is 10 when created from the calculator.

Can you please confirm my findings?

Exactly this is the difference. If I set the "Output field length" to 0 in field calculator, decimal values are stored correctly upon save.

Thank you for looking into it! I'm looking forward to testing the fix. :)

#4 - 2018-06-02 10:54 PM - Anonymous

- Status changed from In Progress to Closed
- % Done changed from 0 to 100

Applied in changeset commit:qgis|033071ae502ebafe80d85cc5c470c6abf501e925.

Files

QGIS_bug.PNG	14.7 KB	2018-05-28	Stefan Newluck
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