

QGIS Application - Bug report #11755

Real precision (Shapefile)

2014-11-28 04:32 AM - Loïc BARTOLETTI

Status:	Closed	
Priority:	Normal	
Assignee:	Jürgen Fischer	
Category:		
Affected QGIS version:	2.6.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 19987
Description I think there is a bug with QGis 2.6 and dev (a68958f) with real attribute. Into a column with real QGis round the last digit. Example : Add a column ELEVATION real "Length 6" and "Precision 2" Add a point and into attribute "1000.25" After saving the modification Qgis show as attribute "1000.20" Normaly the "point" isn't into length.		
Related issues:		
Related to QGIS Application - Bug report # 12985: Shapefile: The length of re...		Closed 2015-06-17
Related to QGIS Application - Bug report # 15188: Importing .shp files into P...		Closed 2016-07-01

Associated revisions

Revision 2fcbc8bb - 2015-06-15 12:38 AM - Jürgen Fischer

ogr provider: increase width by one for decimal point if precision is given (fixes #11755)

Revision c9803324 - 2015-06-29 10:33 PM - Jürgen Fischer

ogr provider: increase width by one for decimal point if precision is given
(fixes #11755, fixes #12985)

(cherry picked from commit 2fcbc8b and 513cfad)

History

#1 - 2015-06-08 03:36 PM - Jürgen Fischer

- Pull Request or Patch supplied changed from No to Yes

See [PR !#2122](#)

#2 - 2015-06-14 03:38 PM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"2fcbc8bb725f45ba1d0196a95c7f21c90894a0d6".

#3 - 2015-10-15 04:42 AM - Loïc BARTOLETTI

- Assignee set to Jürgen Fischer
- Status changed from Closed to Reopened

This hack preserve last digit but allow unauthorized value. When you add a value you can do something like this: "12345.78". Normally, the max is "9999.99".

Probleme is that when you create a field with real(6,2) QGIS create a DBF with real(7,2). Also, ShapeFile with real(6,2) are shown with real(5.2). You can see that with ogrinfo.

Thanks.

#4 - 2015-10-15 01:43 PM - Jürgen Fischer

- Resolution set to fixed/implemented
- Status changed from Reopened to Closed

Loïc BARTOLETTI wrote:

This hack preserve last digit but allow unauthorized value. When you add a value you can do something like this: "12345.78". Normally, the max is "9999.99".

Probleme is that when you create a field with real(6,2) QGIS create a DBF with real(7,2). Also, ShapeFile with real(6,2) are shown with real(5.2). You can see that with ogrinfo.

Actually that is just what the fix is supposed to do. QGIS (and for instance PostgreSQL) don't count the decimal point in - so 12345.78 corresponds to width 7, precision 2. OGR however includes the decimal point in the width - so 7,2 in QGIS has to become 8,2 in OGR.