

Application: gvSIG desktop - gvSIG bugs #2694

Numeric types management of PostGIS tables

07/21/2014 11:16 AM - Antonio Falciano

Status:	Closed	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	José Badía		
Category:	Database		
Target version:	2.2.0-2302 (rev. org.gvsig.desktop-2.0.89)		
Severity:	Major	Add-on version:	
gvSIG version:	2.1.0	Add-on build:	
gvSIG build:	2237	Add-on resolve version:	
Operative System:		Add-on resolve build:	
Keywords:	postgis, width, length, precision	Proyecto:	
Has patch:		Hito:	
Add-on name:	Unknown		

Description

PostGIS Integer values are read (and converted) in gvSIG as Double ones with length 11 and precision 10.

Example: add the *spatial_ref_sys* PostGIS table and convert it to DBF: the *auth_srid* field is converted from integer to double (11,10). Instead, PostGIS Numeric values seem to be converted as Double with length 18 and precision 1.

For instance, this is how GDAL/OGR converts fields without an explicit width:

- * Integer fields without an explicit width are treated as width 11.
- * Real (floating point) fields without an explicit width are treated as width 24 with 15 decimal places of precision.
- * String fields without an assigned width are treated as 80 characters.

(Source: http://www.gdal.org/drv_shapefile.html)

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 2858: Fields of type Flo...

Closed

10/08/2014

Associated revisions

Revision 42041 - 02/24/2015 04:44 PM - José Badía

fixes #2694, #2858

Numeric types management of PostGIS tables

Fields of type Float have an invalid value in PostGIS layers

History

#1 - 10/08/2014 01:04 PM - Antonio Falciano

Priority: High

Severity: Critical

An example of issue due to the wrong management of PostGIS field types is reported in #2858.

#2 - 10/13/2014 07:10 AM - Álvaro Anguix

- Related to gvSIG bugs #2858: Fields of type Float have an invalid value in PostGIS layers added

#3 - 12/10/2014 11:47 AM - Antonio Falciano

This issue is still present in the RC3.

#4 - 02/20/2015 09:22 AM - Álvaro Anguix

- *Target version set to 2.2.0-2311-rc2*

- *Assignee set to José Badía*

#5 - 02/24/2015 04:42 PM - José Badía

- *Status changed from New to Fixed*

PostGIS Numeric value fixed as Double (with its same characteristics of precision and width).

#6 - 03/02/2015 11:28 AM - Joaquín del Cerro Murciano

- *Target version changed from 2.2.0-2311-rc2 to 2.2.0-2302 (rev. org.gvsig.desktop-2.0.89)*

#7 - 04/10/2015 01:38 PM - Álvaro Anguix

- *Status changed from Fixed to Closed*