QGIS Application - Bug report #8687

shape layers saved as .tab don't work in Mapinfo when there are decimals fields

2013-09-26 06:00 AM - Benoît Couillet

Status: Closed		
Priority: Normal		
Assignee:		
Category: Vectors		
Affected QGIS version:2.0.1	Regression?:	No
Operating System:	Easy fix?:	No
Pull Request or Patch sumplied:	Resolution:	up/downstream
Crashes QGIS or corrupts data:	Copied to github as #:	17409
Description	·	
Hi,		
Sometimes, shape layers saved as .tab in Qgis don't	work with MapInfo and make it closing im	mediately.
I tested it on windows 7 with Qgis 1.8, 1.9dev, 2.0, 2.	1dev and with Mapinfo 7.8 et MapInfo 11.	
These .tab layers are made from Qgis with right click	on layer/save as/mapinfo.tab.	
MapInfo isn't able to read these .tab layers but Qgis of	can read them without any problem.	
It seems that problem comes from decimal field.		
Indeed, layers wich don't work always as decimal fiel	d.	
After Qgis conversion, the .tab file read in notepad is		
!table		
lversion 300		
!charset Neutral		
1.5. Idioot Nounal		
Definition Table		
Type NATIVE Charset "Neutral"		
Fields 1		
_DXFElevat Decimal (24,15);		
And if I change "Decimal(24,15)" to "Float", Mapinfo	vill be able to read it.	
Futhermore, when I use MapInfo Universal Translato	r to convert shape layer to tab layer, the .ta	ab file generated is like that :
 !table		
, nable		
lversion 300		
!charset WindowsLatin1		
Definition Table		
Type NATIVE Charset "WindowsLatin1"		
I I TOO I TO LITE OF ALCOUNTY HINDOWS LAUTE		

2024-03-20 1/3

Fields 1	
DXFELEVAT Float;	
MapInfo UT has converted Decimal (24, 15) to float.	
Vhat do you think about it? Is this report true?	
History	
t1 - 2013-09-26 10:28 AM - Giovanni Manghi	
Status changed from Open to Feedback	
Category set to Vectors	
Please try do the conversion from the command line with ogr2ogr and see of the result is ok	
gr2ogr -f "MapInfo File" output input.shp	
2 - 2013-09-27 02:05 AM - Benoît Couillet	
File ogr2ogr_Mapinfo.jpg added	
tried and it didn't work.	
had never used ogr2ogr before so I'm not sure I did it well (you can check on jointed picture).	
converted shape layer in tab layer but the problem remains. Decimal field is still there in .tab file and MapInfo can't read it and closes.	
Definition Table	
ype NATIVE Charset "Neutral"	
DXFElevat Decimal (24,15);	
:3 - 2013-09-27 02:09 AM - Giovanni Manghi	
Resolution set to up/downstream	
Status changed from Feedback to Closed	
Benoît Couillet wrote:	
I tried and it didn't work.	
I had never used ogr2ogr before so I'm not sure I did it well (you can check on jointed picture). I converted shape layer in tab layer but the problem remains. Decimal field is still there in .tab file and MapInfo can't read it and closes.	
Definition Table	
Type NATIVE Charset "Neutral"	

2024-03-20 2/3

Fields 1

_DXFElevat Decimal (24,15);

it seems then it's not a QGIS issue, but a ogr one. You must file a ticket in the gdal/ogr bug tracker.

If the qgis release you installed uses gdal 1.9.x then you may want also to give a try with gdal/ogr 1.10 and see if the issue as fixed there.

Files

ogr2ogr_Mapinfo.jpg 151 KB 2013-09-27 Benoît Couillet

2024-03-20 3/3