

QGIS Application - Bug report #14163

processing: datetime fields converted to date (time data loss) when saved to memory layer

2016-01-24 06:05 PM - Mathieu Pellerin - nIRV

Status:	Closed	
Priority:	Normal	
Assignee:	Victor Olaya	
Category:	Processing/Core	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 22165
Description		
<p>Applying an algorithm to a layer which contains a datetime field will result in an output that transforms the datetime field into a date-only field, causing time data loss. While a shapefile only supports date field, the memory layer does (as soon as https://github.com/qgis/QGIS/pull/2713 is merged) support datetime field, it'd be nice for processing to preserve datetime when the output is a memory layer.</p>		

Associated revisions

Revision 427b9c97 - 2016-02-01 03:09 AM - Mathieu Pellerin - nIRV

[processing] add date, datetime, time fields to memory output
(fixes #14163)

History

#1 - 2016-01-27 12:03 AM - Alexander Bruy

Processing copies fields definition from source layers, so if layer reports field as DateTime and output format/provider supports this data type without conversion it should just work

#2 - 2016-01-27 12:17 AM - Mathieu Pellerin - nIRV

- File test.gpx added

Alex, it does not over here :) Here's an easy set of steps to reproduce the loss of datetime field:

1. Create a new project
2. Add the attached test.gpx vector file (choose the track_points layer)
3. Open the layer properties window, and take note of the "time" field, identified as a DateTime field type
4. Open processing, and select the "Fixed distance buffer" algorithm
5. Save the resulting buffer to a memory layer
6. Open the layer properties window for the newly created buffer memory layer, and take note of the "time" field, converted to a String field type

#3 - 2016-02-04 10:11 AM - Mathieu Pellerin - nIRV

- Status changed from Open to Closed

Fixed in changeset commit:"427b9c97341d802b7056fef68eb60816994cd54a".

Files

test.gpx	1.25 KB	2016-01-26	Mathieu Pellerin - nIRV
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