

## 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

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Victor Olaya	
<b>Category:</b> Processing/Core	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 22165
<b>Description</b>	
<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 <a href="https://github.com/qgis/QGIS/pull/2713">https://github.com/qgis/QGIS/pull/2713</a> 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**

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test.gpx

1.25 KB

2016-01-26

Mathieu Pellerin - nIRV