QGIS Application - Bug report #16811
Since 2.18.10 "save as GPX" not recognising GPX_USE_EXTENSIONS setting

2017-07-07 04:08 PM - Sandy Pyke

Status:	Closed		
Priority:	High		
Assignee:			
Category:	Vectors		
Affected QGIS version:	2.18.11	**Regression?:**	Yes
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:		**Copied to github as #:**	24710

Description

I've been exporting my vector layers to GPX format succesfully until 2.18.10, now I get the following error when trying to do so:

> *Export to vector file failed.*
>
> *Error: creation of field fid failed (OGR error: Field of name 'fid' is not supported in GPX schema. Use GPX_USE_EXTENSIONS creation option to allow use of the <extensions> element.)*

I've got a few non-GPX columns in my attributes tables (fid, fstatus, etc) that are not natively supported by the GPX format, so I make sure to set the GPX_USE_EXTENSIONS field in the Save As gui to YES. This was working fine in versions 2.18.9 and below with the non-GPX fields get saved to an <extensions> section with an <ogr:...> prefix. But with 2.18.10 this operation fails.

Steps to reproduce:

- Add a new vector layer from a GPX flie containing extension data (see attached)
- Right click on the newly added layer and select "Save As"
- Select GPX as the output format and assign a file name to the output
- Assure the GPX_USE_EXTENSIONS field is set to YES
- Click OK to save the file

Expected behavior : the layer data is save to a GPX file
Observed behavior : An error dialog appears and the created GPX file contains no geometry

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Associated revisions

Revision fc7ac832 - 2017-07-13 09:58 AM - Jürgen Fischer

vector file writer: reapply integer options (accidentally removed in 9a6235db; fixes #16811, #16819)

Revision cb088a2a - 2017-07-24 10:53 PM - Jürgen Fischer

vector layer save as: adjust our to OGR's defaults

- GPX_USE_EXTENSIONS default is false not true (fixes #16811)
- CSV GEOMETRY is none not AS_XY (fixes #16819)

(followup 9a6235db)

Revision 601e3735 - 2017-07-24 10:53 PM - Jürgen Fischer

vector layer save as: adjust our to OGR's defaults

- GPX_USE_EXTENSIONS default is false not true (fixes #16811)
- CSV GEOMETRY is none not AS_XY (fixes #16819)

(backported from commit cb088a2a0cb6224600504574f749348cc4df8bf2)

History

#1 - 2017-07-07 04:09 PM - Sandy Pyke

Save as GPX, not GPS...

#2 - 2017-07-08 12:35 PM - Giovanni Manghi

- Operating System deleted (Windows 10)

- Priority changed from Normal to High

- Assignee deleted (Victor Olaya)

- Category changed from Processing/GUI to Vectors

*- Subject changed from Save as GPS not recognising GPX_USE_EXTENSIONS setting to Since 2.18.10 "save as GPX" not recognising
GPX_USE_EXTENSIONS setting*

#3 - 2017-07-13 12:06 PM - Jürgen Fischer

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|fc7ac8323f80e245fc952521fc9a658ec4832824.

#4 - 2017-07-24 01:55 PM - Giovanni Manghi

- Status changed from Closed to Open

The above fix is for master, but 2.18.10/11 are still affected.

#5 - 2017-07-24 07:44 PM - Giovanni Manghi

- Affected QGIS version changed from 2.18.10 to 2.18.11

#6 - 2017-07-24 10:59 PM - Jürgen Fischer

- Status changed from Open to Closed

Applied in changeset commit:qgis|cb088a2a0cb6224600504574f749348cc4df8bf2.

#7 - 2017-07-25 12:40 AM - Giovanni Manghi

- Resolution set to fixed/implemented

Files

sample.gpx	27.4 KB	2017-07-07		Sandy Pyke