

QGIS Application - Bug report #6369

vszip - relative paths not used & can't update path in "missing layers" dialogue

2012-09-18 06:01 PM - Alister Hood

Status: Closed	
Priority: Normal	
Assignee:	
Category: Project Loading/Saving	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution: end of life
Crashes QGIS or corrupts data:	Copied to github as #: 15633

Description

- enable relative save paths in the project settings
- load some layers from a zip file
- save the project in the same folder as the zip file
- rename the folder
- open the project

You will get the dialogue asking you to specify the paths of the "missing" layers.

- open the project file in a text editor and change the paths used for the vszip layers to relative paths.
- open the project

The layers will still be "missing", so it seems the vszip driver does not support relative paths.

Problem 1: the vszip layer driver should ideally support relative save paths. (N.B. I'm testing on a Windows system and I can get the vszip functionality to work with ogrinfo and gdalinfo in a dos terminal with either absolute or relative paths, but I can't figure out how to get it to work in an msys rxvt terminal with absolute paths...)

Problem 2: in the dialogue asking you to specify the paths to "missing" layers, if you correct the "path" for the vszip layer, the dialogue doesn't recognise it as valid - it only recognises a simple path.

N.B. there are other issues with the dialogue, e.g. even if the path to a layer referred to a folder (instead of a file), the fileselector only allows you select a file (not a folder). But you can manually type the path to a folder and the dialogue correctly recognises it as valid.

Associated revisions

Revision 4a75a95a - 2013-12-16 04:25 PM - Etienne Tournigny

fix project saving and reading of vszip paths (fixes #6369)

Revision accd06dc - 2013-12-17 04:50 PM - Jürgen Fischer

Merge pull request #1032 from etiennesky/vsifile-relative

fix project saving and reading of vszip paths (fixes #6369)

History

#1 - 2013-12-12 02:04 PM - Donovan Cameron

I can confirm this is still the case in QGIS 2.0.1

Especially that vszip datasets can't be repaired when asking to correct missing layers by either navigating to the zip file or manually adjusting the path to either absolute or relative.

Any broken VSZIP datasets have to be re-added, styled and labelled.

#2 - 2013-12-12 02:26 PM - Etienne Tourigny

I am the author of this functionality and I'll try look into this eventually...

#3 - 2013-12-17 07:50 AM - Jürgen Fischer

- *Status changed from Open to Closed*

Fixed in changeset commit:"accd06dcb9e12999c3aeaf95f0a7e9509a9fa4a3".

#4 - 2014-01-01 05:55 PM - Donovan Cameron

- *Status changed from Closed to Reopened*

I applied this patch to QGIS 2.0.1 and still unable to update vszip paths. I can navigate to the zip file, highlight it and select OK. But when I click OK to close the fix data sources window it still complains about some layers that will be lost.

It also enters the new zip path with an absolute path instead of a relative one - but even after coming in "green" the dialog still warns of missing un-referenced layers.

#5 - 2015-06-04 03:29 PM - Jürgen Fischer

- *Category changed from Data Provider to Project Loading/Saving*

#6 - 2015-12-13 06:42 AM - Médéric RIBREUX

- *Status changed from Reopened to Feedback*

Hello, bug triage...

this seems to be fixed in QGIS 2.13 and probably in 2.12.1. Can you confirm ?

#7 - 2015-12-13 09:48 PM - Alister Hood

No.

"Problem 1" from my initial report is fixed.

"Problem 2" is partially fixed - if you manually edit the path it is accepted, but as Donovan noted at #4 if you use the "Browse" button it does not work. The reason it does not work is because after using the browse button this is stripped from the front of the path: /vszip/

Donovan also pointed out that the browse button replaces the relative path with an absolute path, but note that this is only an annoyance - when the project is saved it will be saved as a relative path.

#8 - 2015-12-27 01:16 PM - Giovanni Manghi

- *Status changed from Feedback to Open*

#9 - 2017-05-01 01:09 AM - Giovanni Manghi

- *Regression? set to No*

- *Easy fix? set to No*

#10 - 2019-03-09 04:04 PM - Giovanni Manghi

- *Resolution set to end of life*

- *Status changed from Open to Closed*

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>