

# QGIS Application - Bug report #17116

## QGIS master saves always with absolute paths

2017-09-08 02:25 PM - Patrick Dunford

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b> Alessandro Pasotti	
<b>Category:</b> Project Loading/Saving	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> Yes
<b>Operating System:</b> Xubuntu 17.04	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 25015

### Description

This issue was addressed only in 2.18 to date. Master 313ec55 (January 2017) and 655f121 (September 2017) on Linux both produce the problem. 1182816 (January 2017) on Windows does not.

Attached new project created in latest available build 655f121.

```
<layer-tree-layer source="/mnt/share/mainpc/maps/Google Drive/NZ Rail  
Maps/Projects/CanterburyWestlandNelsonMarlborough/Main/cwmnNelsonSection.shp" expanded="1" name="cwmnNelsonSection"  
checked="Qt::Checked" id="cwmnNelsonSection_2225c913_8062_4cd1_817e_73ffeb6cec35" providerKey="ogr">
```

should read something like `./Main/cwmnNelsonSection.shp` given the shapefile is in a subdirectory below the location of the project file. If I open that project file in Windows it will obviously fail with the different network mapping (to a drive letter).

```
<Paths>
```

```
<Absolute type="bool">false</Absolute>
```

```
</Paths>
```

so project properties are set to relative file paths.

This sounds exactly like the description of #16242 given it only happens at new project creation or saving an existing project under a new name. In the course of using various masters on different platforms (for example, using both Windows and Linux to work on the same project file on the same day) interchanging existing projects between Windows and Linux platforms have not actually shown up this problem before. Until yesterday when I saved a project under a new name on 313ec55 and tried to open it in Windows, could not load a single layer in the Windows vm.

### Associated revisions

**Revision 7aa24f69 - 2017-11-07 06:17 PM - Alessandro Pasotti**

[bugfix] Pass QgsReadWriteContext into project XML r/w

Or we miss the path resolver and we do not read/write relative paths correctly

Fixes #17116

### History

**#1 - 2017-09-08 07:52 PM - Giovanni Manghi**

- Subject changed from *QGIS 2.99 (2017) saves always with absolute paths [duplicate of #16242]* to *QGIS master saves always with absolute paths*

- Priority changed from *Normal* to *High*

- Regression? changed from No to Yes

**#2 - 2017-11-07 12:11 PM - Alessandro Pasotti**

- Assignee set to Alessandro Pasotti

**#3 - 2017-11-08 12:26 PM - Anonymous**

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|7aa24f69066ee26dec749940acadc7330511a86c.

**#4 - 2017-12-30 06:30 PM - magerlin -**

Qgis 2.18.15 also has this issue: Creating a new project completely from scratch (with project options set to relative paths), saving the project in c:\@temp and then adding a shp file from the same folder as the project is stored in adds this to the project file:

```
&lt;layer-tree-layer expanded="1" providerKey="ogr" checked="Qt::Checked" id="2stat_befolk20171230182502788" source="C:\@Temp\2stat_befolk.shp" name="2stat_befolk"&gt;
```

I am using Win 7, 64 bit, QGIS code revision ac2d111ed1

**#5 - 2018-01-09 11:18 AM - Steve Lowman**

Can we re-open this please. Relative paths are not working in 2.18.15, as already reported above by magerlin.

**#6 - 2018-01-09 11:43 AM - Patrick Dunford**

The bug report for Qgis 2.18 saves with absolute paths is at #16242

please direct your comments to that bug report.

**#7 - 2018-01-09 11:46 AM - Patrick Dunford**

Please file a new bug report as this report is closed

**#8 - 2018-01-09 12:12 PM - Steve Lowman**

Thanks. I see you already have done this in #17824

**#9 - 2018-02-23 10:31 AM - Giovanni Manghi**

- Resolution set to fixed/implemented

**Files**

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655f121.qgs	10.8 KB	2017-09-08	Patrick Dunford
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