

QGIS Application - Bug report #8589

QGIS not saving relative path correctly

2013-09-09 03:07 AM - Admire Nyakudya

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:
Crashes QGIS or corrupts data:		Copied to github as #: 17331
Description		
Working with the 1.9 version nightly build when on the project properties I have saved paths to be relative but when I save my project and open it in a text editor It saves the path as absolute.		

History

#1 - 2013-09-09 06:11 AM - Giovanni Manghi

- Category set to Project Loading/Saving
- Status changed from Open to Feedback

I cannot confirm, tested on both Linux and Windows with qgis master.

#2 - 2013-09-09 06:38 AM - Richard Duivenvoorde

I do confirm.

I do have a fresh build release\_2\_0 here, and I'm not able to save relative paths.

BUT: neither with my fresh build 1.8 version???

You should see relative paths in the .qgs file isn't it? I see this in the qgs file:  
<datasource>/home/richard/geodata/world/world.shp</datasource>

#3 - 2013-09-09 06:51 AM - Giovanni Manghi

fresh .qgis2 folder too?

Richard Duivenvoorde wrote:

I do confirm.

I do have a fresh build release\_2\_0 here, and I'm not able to save relative paths.

BUT: neither with my fresh build 1.8 version???

You should see relative paths in the .qgs file isn't it? I see this in the qgs file:

| <datasource>/home/richard/geodata/world/world.shp</datasource>

#### #4 - 2013-09-09 08:10 AM - Richard Duivenvoorde

- File *kaasRelative.qgs* added

yes, I removed .qgis2 dir AND .config/QGIS

in properties I set 'relative paths'. In debug I see this:

```
src/core/qgsprojectproperty.cpp: 321: (dump) key: <WFSUrl> value:
src/core/qgsprojectproperty.cpp: 329: (dump) key: <Paths> subkey: <Paths>
src/core/qgsprojectproperty.cpp: 299: (dump) name: Paths
src/core/qgsprojectproperty.cpp: 321: (dump) key: <Absolute> value: false
src/core/qgsprojectproperty.cpp: 321: (dump) key: <WMSServiceTitle> value:
```

but in .qgs file I see:

```
<id>provincies20130909170042477</id>
<datasource>/home/richard/geodata/nl/provincies.shp</datasource>
<title></title>
```

.qgis file attached

#### #5 - 2013-09-09 08:24 AM - Richard Duivenvoorde

- File *kaasRelative.qgs* added

did some further testing, removed also .qgis and .config/QuantumGis dirs

But still absolute paths, if I just open a shp in my home dir, and then save the qgs file in /tmp

BUT if I then copy some data files in /tmp dir, and load those files, THOSE paths are relative in the project file??

Is it possible that QGIS just is not able to 'traverse' all to the right directory or so?

I opened qgis from /home/richard  
Open data in /home/richard/geodata/nl  
Saved project in /tmp

Then the .qgs file had /home/richard/geodata/nl/data.shp in its xml.  
But copying data.shp to /tmp, and (same project) loading the data.shp from /tmp,  
the .qgs file had ./data.shp in it's xml (and /home/richard/geodata/nl/data.shp for the other layer which was still in the project)

I wonder if the original issuer can tell us what exact his setup is: Operating System, QGIS version, way of starting and places of data and project saving.

#### #6 - 2013-09-09 08:55 AM - Matthias Kuhn

If there in no common ancestor as in your setup (i.e. the only common part of the path is root '/') then there is no reason for saving a relative path and it will be saved absolute.

**#7 - 2014-07-28 08:31 AM - Matthias Kuhn**  
- Status changed from Feedback to Closed

Closed due to lack of feedback.  
If you are able to provide the feedback required to solve this issue, please reopen it.

Files			
kaasRelative.qgs	16.1 KB	2013-09-09	Richard Duivenvoorde
kaasRelative.qgs	16.1 KB	2013-09-09	Richard Duivenvoorde