# QGIS Application - Feature request #21127 Use relative paths in qgis-bin.env

2019-01-30 08:24 AM - Michiel Nass

Status: Feedback
Priority: Normal

Assignee:

Category: Build/Install

Pull Request or Patch shapplied: Resolution:

Easy fix?: No Copied to github as #: 28945

Description

In file OSGEO4W ROOT\bin\ggis-bin.env the drive letter of the QGIS installation is hard coded.

To allow for portable edition (changing drive letters) of QGIS using relative paths or variables like OSGEO4W ROOT is preferable.

#### History

### #1 - 2019-01-30 10:00 AM - Jürgen Fischer

- Status changed from Open to Feedback

The .env is created by the .exe when it's invoked with the --postinstall parameter and dumps the current values of the environment variables listed in .vars to it. The point of the .env is that QGIS doesn't need environment variables to start - this is required for pinning as that automatically starts the pinned .exe and doesn't know about the batch files used for a regular start. The .exe will source the .env automatically. For portable installations you could change the batch file to delete the .env and run the .exe with --postinstall upfront (on regular installations this is done once in etc/postinstall/qgis.bat)

### #2 - 2019-02-02 03:10 PM - Michiel Nass

Please elaborate.

I normally start QGIS via batch file %OSGEO4W ROOT%\bin\ggis.bat.

The last line of that batch file I edited to make it portable and it reads:

 $start "QGIS" /B "\%OSGEO4W_ROOT\%bin\qgis-bin.exe" --profiles-path "\%OSGEO4W_ROOT\%\qgisini" \%* in the context of the context o$ 

Do i understand correctly I have to replace the last line with the following two lines?

del "%OSGEO4W\_ROOT%\bin\qgis-bin.env"

start "QGIS" /B "%OSGEO4W\_ROOT%\bin\qgis-bin.exe" --profiles-path "%OSGEO4W\_ROOT%\qgisini" --postinstall %\*

## #3 - 2019-02-02 04:35 PM - Jürgen Fischer

del "%OSGEO4W\_ROOT%\bin\qgis-bin.env"

"%OSGEO4W\_ROOT%\bin\qgis-bin.exe" --postinstall

start "QGIS" /B "%OSGEO4W ROOT%\bin\qgis-bin.exe" --profiles-path "%OSGEO4W ROOT%\qqisini" %\*

2024-03-13 1/1